

Average hourly wages for selected occupational groups and areas by job characteristic, civilian workers, 2018¹

Selected occupational groups and areas	Job characteristic			
	Union	Nonunion	Full-time	Part-time
13-0000 Business and financial operations				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$36.66	\$36.85	—
Boston-Cambridge-Nashua, MA-NH.....	\$35.86	\$42.83	\$42.70	\$28.24
Chicago-Naperville-Elgin, IL-IN-WI.....	\$33.25	\$37.17	\$37.78	—
Dallas-Fort Worth-Arlington, TX.....	—	\$38.12	\$38.27	—
Detroit-Warren-Dearborn, MI.....	—	\$36.75	\$36.90	—
Houston-The Woodlands-Sugar Land, TX.....	—	\$40.71	\$41.08	—
Los Angeles-Long Beach-Anaheim, CA.....	\$35.27	\$39.39	\$39.35	—
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$34.41	\$34.82	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$34.17	\$36.78	\$36.85	—
New York-Newark-Jersey City, NY-NJ-PA.....	\$37.69	\$47.68	\$47.37	\$26.87
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$35.07	\$39.42	\$39.23	—
Phoenix-Mesa-Scottsdale, AZ.....	—	\$32.77	\$33.05	—
San Jose-Sunnyvale-Santa Clara, CA.....	\$43.36	\$47.20	\$47.24	—
Seattle-Tacoma-Bellevue, WA.....	\$39.57	\$40.95	\$41.11	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$34.49	\$44.01	\$44.00	—
15-0000 Computer and mathematical				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$43.13	\$44.17	—
Boston-Cambridge-Nashua, MA-NH.....	\$42.14	\$48.70	\$48.48	—
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$43.02	\$43.12	—
Dallas-Fort Worth-Arlington, TX.....	—	\$44.97	\$45.30	—
Detroit-Warren-Dearborn, MI.....	—	\$40.36	\$40.70	—
Houston-The Woodlands-Sugar Land, TX.....	—	\$45.81	\$46.47	—
Los Angeles-Long Beach-Anaheim, CA.....	\$42.12	\$46.48	\$46.03	—
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$37.54	\$38.35	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$43.33	\$43.48	—
New York-Newark-Jersey City, NY-NJ-PA.....	—	\$49.68	\$50.23	—
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	—	\$43.70	\$44.33	—
Phoenix-Mesa-Scottsdale, AZ.....	—	\$40.36	\$40.72	—
San Jose-Sunnyvale-Santa Clara, CA.....	—	\$61.34	\$61.11	—
Seattle-Tacoma-Bellevue, WA.....	—	\$55.74	\$54.84	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$50.62	\$51.17	—
17-0000 Architecture and engineering				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$39.82	\$40.19	—
Boston-Cambridge-Nashua, MA-NH.....	—	\$45.60	\$45.62	—
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$40.41	\$40.69	—
Dallas-Fort Worth-Arlington, TX.....	—	\$45.82	\$46.82	—
Detroit-Warren-Dearborn, MI.....	—	\$42.44	\$42.53	—
Houston-The Woodlands-Sugar Land, TX.....	—	\$51.85	\$53.72	—
Los Angeles-Long Beach-Anaheim, CA.....	\$47.61	\$47.44	\$47.68	—
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$38.34	\$36.18	\$37.13	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$40.98	\$40.89	—
New York-Newark-Jersey City, NY-NJ-PA.....	\$51.92	\$44.92	\$45.34	—
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	—	\$43.11	\$43.33	—
Phoenix-Mesa-Scottsdale, AZ.....	—	\$39.88	\$40.26	—
San Jose-Sunnyvale-Santa Clara, CA.....	—	\$55.65	\$56.01	—
Seattle-Tacoma-Bellevue, WA.....	\$57.02	\$46.30	\$48.68	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$47.62	\$47.80	—

See footnotes at end of table.

Average hourly wages for selected occupational groups and areas by job characteristic, civilian workers, 2018¹ — Continued

Selected occupational groups and areas	Job characteristic			
	Union	Nonunion	Full-time	Part-time
19-0000 Life, physical, and social science				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$31.75	\$33.41	—
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$32.87	\$34.57	—
Los Angeles-Long Beach-Anaheim, CA.....	\$45.47	\$39.20	\$41.16	—
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$31.15	—	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$36.66	\$37.88	—
New York-Newark-Jersey City, NY-NJ-PA.....	\$48.79	\$41.61	\$43.39	—
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	—	\$40.34	\$41.42	—
Phoenix-Mesa-Scottsdale, AZ.....	—	\$30.57	—	—
Seattle-Tacoma-Bellevue, WA.....	—	\$37.24	\$37.63	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$45.13	\$46.85	\$42.94
21-0000 Community and social services				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$21.16	\$23.29	—
Boston-Cambridge-Nashua, MA-NH.....	\$30.87	\$21.51	\$24.75	\$22.04
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$20.90	\$24.84	—
Dallas-Fort Worth-Arlington, TX.....	—	\$24.43	\$26.21	—
Detroit-Warren-Dearborn, MI.....	\$28.39	\$21.05	\$24.33	—
Houston-The Woodlands-Sugar Land, TX.....	—	\$24.04	\$25.55	—
Los Angeles-Long Beach-Anaheim, CA.....	\$32.48	\$24.59	\$28.98	—
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$29.06	\$21.07	\$22.80	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$29.43	\$22.52	\$24.98	\$20.16
New York-Newark-Jersey City, NY-NJ-PA.....	—	\$23.89	\$27.21	\$25.10
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$29.55	\$20.72	\$23.83	—
Phoenix-Mesa-Scottsdale, AZ.....	—	\$21.11	\$23.00	—
San Jose-Sunnyvale-Santa Clara, CA.....	\$35.00	\$29.51	\$32.67	—
Seattle-Tacoma-Bellevue, WA.....	\$28.56	\$22.78	\$25.50	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$26.01	\$28.98	—
23-0000 Legal				
Boston-Cambridge-Nashua, MA-NH.....	—	\$67.93	\$62.29	—
Los Angeles-Long Beach-Anaheim, CA.....	—	\$67.65	\$65.97	—
New York-Newark-Jersey City, NY-NJ-PA.....	—	\$73.03	\$63.78	—
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	—	\$57.42	\$53.61	—
Seattle-Tacoma-Bellevue, WA.....	—	\$57.12	\$55.36	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$74.45	\$77.51	—
27-0000 Arts, design, entertainment, sports, and media				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$25.55	\$29.53	—
Boston-Cambridge-Nashua, MA-NH.....	—	\$31.00	\$34.06	\$23.28
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$25.50	\$29.75	\$18.45
Dallas-Fort Worth-Arlington, TX.....	—	\$25.02	\$28.06	—
Detroit-Warren-Dearborn, MI.....	—	\$26.18	—	—
Los Angeles-Long Beach-Anaheim, CA.....	—	\$35.08	\$38.97	\$33.08
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$25.32	\$28.57	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$26.85	\$29.33	—
New York-Newark-Jersey City, NY-NJ-PA.....	—	\$36.57	\$39.88	—
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	—	\$26.39	\$30.31	—
Phoenix-Mesa-Scottsdale, AZ.....	—	\$25.52	\$29.37	—
Seattle-Tacoma-Bellevue, WA.....	—	\$29.72	\$32.45	\$22.08
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	—	\$40.14	—

See footnotes at end of table.

Average hourly wages for selected occupational groups and areas by job characteristic, civilian workers, 2018¹ — Continued

Selected occupational groups and areas	Job characteristic			
	Union	Nonunion	Full-time	Part-time
29-0000 Healthcare practitioners and technical				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$37.55	—	\$32.37
Boston-Cambridge-Nashua, MA-NH.....	\$54.47	\$47.34	\$49.27	\$47.83
Chicago-Naperville-Elgin, IL-IN-WI.....	\$46.70	\$38.56	\$41.06	\$32.30
Dallas-Fort Worth-Arlington, TX.....	—	\$38.11	\$40.14	\$32.55
Detroit-Warren-Dearborn, MI.....	\$41.91	\$38.98	\$41.55	\$30.75
Houston-The Woodlands-Sugar Land, TX.....	—	\$38.49	\$40.82	\$30.74
Los Angeles-Long Beach-Anaheim, CA.....	\$51.51	\$42.91	\$45.74	\$44.77
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$36.07	—	\$31.13
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$46.26	\$42.93	\$45.84	\$39.26
New York-Newark-Jersey City, NY-NJ-PA.....	—	\$45.60	\$47.25	\$44.63
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$45.83	\$39.81	\$42.13	\$36.95
Phoenix-Mesa-Scottsdale, AZ.....	—	\$39.93	\$41.39	\$38.68
San Jose-Sunnyvale-Santa Clara, CA.....	\$60.53	—	—	—
Seattle-Tacoma-Bellevue, WA.....	\$45.71	—	\$47.20	\$43.22
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$50.10	\$43.58	\$45.99	\$39.82
31-0000 Healthcare support				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$14.87	\$15.59	—
Boston-Cambridge-Nashua, MA-NH.....	\$23.11	\$17.55	\$19.04	\$16.67
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$15.55	\$16.35	\$13.95
Dallas-Fort Worth-Arlington, TX.....	—	\$15.21	\$16.32	\$13.98
Detroit-Warren-Dearborn, MI.....	—	\$14.79	\$15.66	\$13.40
Houston-The Woodlands-Sugar Land, TX.....	—	\$14.14	\$15.21	\$12.52
Los Angeles-Long Beach-Anaheim, CA.....	\$21.00	\$16.50	\$17.73	\$17.22
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$14.72	\$15.93	\$12.88
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$23.59	\$17.29	\$18.81	\$16.89
New York-Newark-Jersey City, NY-NJ-PA.....	\$17.98	\$14.56	\$16.91	\$13.76
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$18.95	\$14.99	\$17.35	\$13.41
Phoenix-Mesa-Scottsdale, AZ.....	—	\$15.68	\$17.16	\$14.36
San Jose-Sunnyvale-Santa Clara, CA.....	\$24.46	\$19.39	\$20.82	—
Seattle-Tacoma-Bellevue, WA.....	—	\$17.83	\$19.70	\$17.57
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$19.60	\$16.14	\$18.21	\$14.07
33-0000 Protective service				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$17.49	\$20.59	—
Boston-Cambridge-Nashua, MA-NH.....	\$30.68	\$20.09	\$31.19	—
Chicago-Naperville-Elgin, IL-IN-WI.....	\$34.92	\$18.28	\$29.37	\$15.41
Dallas-Fort Worth-Arlington, TX.....	—	\$19.38	\$23.76	\$15.43
Detroit-Warren-Dearborn, MI.....	\$28.40	\$14.87	\$22.32	\$12.81
Houston-The Woodlands-Sugar Land, TX.....	—	\$17.77	\$21.39	—
Los Angeles-Long Beach-Anaheim, CA.....	\$41.52	\$19.29	\$30.68	\$18.07
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$32.26	\$16.08	\$23.63	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$31.72	—	—	—
New York-Newark-Jersey City, NY-NJ-PA.....	\$32.05	\$18.82	\$30.15	\$16.89
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$31.74	\$15.45	\$26.04	\$13.57
Phoenix-Mesa-Scottsdale, AZ.....	\$30.09	\$19.24	\$23.50	—
San Jose-Sunnyvale-Santa Clara, CA.....	—	\$23.98	—	—
Seattle-Tacoma-Bellevue, WA.....	\$34.01	—	\$31.12	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$29.04	\$23.30	\$27.64	—

See footnotes at end of table.

Average hourly wages for selected occupational groups and areas by job characteristic, civilian workers, 2018¹ — Continued

Selected occupational groups and areas	Job characteristic			
	Union	Nonunion	Full-time	Part-time
35-0000 Food preparation and serving related				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$10.31	\$12.46	\$9.41
Boston-Cambridge-Nashua, MA-NH.....	\$19.02	\$14.46	\$18.02	\$13.13
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$11.61	\$14.48	\$10.72
Dallas-Fort Worth-Arlington, TX.....	\$16.25	\$11.27	\$12.24	\$10.41
Detroit-Warren-Dearborn, MI.....	\$17.40	\$11.32	\$13.85	\$10.60
Houston-The Woodlands-Sugar Land, TX.....	—	\$11.57	\$13.76	\$10.35
Los Angeles-Long Beach-Anaheim, CA.....	\$18.00	\$13.06	\$15.00	\$12.41
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$12.02	\$14.74	\$10.54
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$18.42	\$12.75	\$15.49	\$11.72
New York-Newark-Jersey City, NY-NJ-PA.....	\$18.89	\$14.29	\$17.85	\$12.73
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$16.59	\$12.14	\$15.72	\$10.95
Phoenix-Mesa-Scottsdale, AZ.....	—	\$12.82	\$14.73	\$12.14
San Jose-Sunnyvale-Santa Clara, CA.....	\$19.23	\$14.12	\$17.52	\$13.14
Seattle-Tacoma-Bellevue, WA.....	\$17.12	\$15.80	\$18.76	\$13.88
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$20.15	\$13.32	\$15.92	\$12.08
37-0000 Building and grounds cleaning and maintenance				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$12.99	\$14.00	\$10.48
Boston-Cambridge-Nashua, MA-NH.....	\$20.90	\$16.53	\$19.62	\$15.29
Chicago-Naperville-Elgin, IL-IN-WI.....	\$18.62	\$13.90	\$15.67	\$13.22
Dallas-Fort Worth-Arlington, TX.....	—	\$13.03	\$14.53	\$10.96
Detroit-Warren-Dearborn, MI.....	—	\$13.14	\$14.66	\$11.74
Houston-The Woodlands-Sugar Land, TX.....	—	\$11.91	\$12.53	\$9.43
Los Angeles-Long Beach-Anaheim, CA.....	\$21.20	\$14.71	\$16.90	\$13.89
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$16.97	\$12.58	\$13.37	\$10.90
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$22.25	\$15.05	\$18.02	\$13.40
New York-Newark-Jersey City, NY-NJ-PA.....	\$21.59	\$15.59	\$19.55	\$14.16
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$15.90	\$14.65	\$16.08	\$12.10
Phoenix-Mesa-Scottsdale, AZ.....	—	\$13.25	\$14.33	\$12.11
San Jose-Sunnyvale-Santa Clara, CA.....	\$24.31	\$16.27	\$18.99	\$15.06
Seattle-Tacoma-Bellevue, WA.....	\$20.52	\$16.59	\$18.39	\$15.55
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$19.23	\$14.73	\$16.76	\$13.18
39-0000 Personal care and service				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$12.90	\$14.34	\$11.95
Boston-Cambridge-Nashua, MA-NH.....	—	\$16.57	\$16.49	\$17.62
Chicago-Naperville-Elgin, IL-IN-WI.....	—	\$13.57	\$14.98	\$13.11
Dallas-Fort Worth-Arlington, TX.....	—	\$11.97	\$13.82	\$11.16
Detroit-Warren-Dearborn, MI.....	—	\$13.05	\$14.93	\$12.12
Houston-The Woodlands-Sugar Land, TX.....	—	\$11.40	\$13.31	\$10.56
Los Angeles-Long Beach-Anaheim, CA.....	\$19.43	\$13.60	\$14.70	\$13.62
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$13.48	\$15.54	\$12.20
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$13.68	\$16.13	\$13.23
New York-Newark-Jersey City, NY-NJ-PA.....	\$18.60	\$15.34	\$16.91	\$14.72
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$15.74	\$13.32	\$15.06	\$12.23
Phoenix-Mesa-Scottsdale, AZ.....	—	\$13.02	—	—
San Jose-Sunnyvale-Santa Clara, CA.....	—	\$14.94	\$15.14	\$15.57
Seattle-Tacoma-Bellevue, WA.....	—	\$17.14	\$17.47	\$17.41
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$14.85	\$17.24	\$13.41

See footnotes at end of table.

Average hourly wages for selected occupational groups and areas by job characteristic, civilian workers, 2018¹ — Continued

Selected occupational groups and areas	Job characteristic			
	Union	Nonunion	Full-time	Part-time
41-0000 Sales and related				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$20.47	\$25.44	\$10.13
Boston-Cambridge-Nashua, MA-NH.....	\$19.79	\$25.06	\$32.55	\$12.35
Chicago-Naperville-Elgin, IL-IN-WI.....	\$15.97	\$21.76	\$28.96	\$11.21
Dallas-Fort Worth-Arlington, TX.....	—	\$21.96	\$27.57	\$10.19
Detroit-Warren-Dearborn, MI.....	\$15.67	\$21.53	\$28.65	\$11.23
Houston-The Woodlands-Sugar Land, TX.....	—	\$21.32	\$27.61	\$10.76
Los Angeles-Long Beach-Anaheim, CA.....	—	\$21.86	\$27.64	\$13.07
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$19.62	\$25.38	\$10.57
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$22.60	\$28.93	\$11.87
New York-Newark-Jersey City, NY-NJ-PA.....	—	\$28.59	\$37.61	\$12.13
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	—	\$22.70	\$30.41	\$10.74
Phoenix-Mesa-Scottsdale, AZ.....	—	\$19.46	\$23.75	\$12.19
San Jose-Sunnyvale-Santa Clara, CA.....	\$19.37	\$28.38	\$34.48	\$14.64
Seattle-Tacoma-Bellevue, WA.....	\$17.80	\$25.30	\$30.70	\$14.67
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$14.77	\$22.67	\$31.81	\$11.86
43-0000 Office and administrative support				
Atlanta-Sandy Springs-Roswell, GA.....	\$21.56	\$18.23	\$19.62	\$12.04
Boston-Cambridge-Nashua, MA-NH.....	\$24.89	\$21.54	\$23.44	\$15.87
Chicago-Naperville-Elgin, IL-IN-WI.....	\$24.15	\$18.66	\$21.06	\$13.13
Dallas-Fort Worth-Arlington, TX.....	\$23.73	\$18.33	\$19.45	\$12.67
Detroit-Warren-Dearborn, MI.....	\$20.47	\$18.07	\$19.87	\$12.12
Houston-The Woodlands-Sugar Land, TX.....	\$27.68	\$18.34	\$19.73	\$12.89
Los Angeles-Long Beach-Anaheim, CA.....	\$23.84	\$19.72	\$21.86	\$15.18
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$21.89	\$17.61	\$19.09	\$12.26
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$23.96	\$20.14	\$21.52	\$14.91
New York-Newark-Jersey City, NY-NJ-PA.....	\$23.40	\$21.07	\$23.22	\$14.30
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$22.66	\$19.10	\$21.06	\$12.40
Phoenix-Mesa-Scottsdale, AZ.....	\$21.60	\$18.38	\$19.44	\$13.26
San Jose-Sunnyvale-Santa Clara, CA.....	\$26.02	\$23.46	\$25.05	\$17.53
Seattle-Tacoma-Bellevue, WA.....	\$24.18	\$21.36	\$22.76	\$18.01
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$22.57	\$21.57	\$23.46	\$14.21
47-0000 Construction and extraction				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$20.64	\$22.29	—
Boston-Cambridge-Nashua, MA-NH.....	\$37.48	\$27.35	\$31.52	—
Chicago-Naperville-Elgin, IL-IN-WI.....	\$40.85	—	\$34.42	\$27.02
Dallas-Fort Worth-Arlington, TX.....	\$28.14	\$19.83	\$20.93	—
Detroit-Warren-Dearborn, MI.....	\$33.23	\$21.22	\$27.17	—
Houston-The Woodlands-Sugar Land, TX.....	\$29.01	\$22.12	\$23.26	—
Los Angeles-Long Beach-Anaheim, CA.....	\$35.75	\$23.66	\$29.00	\$21.36
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$19.79	\$20.96	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$35.70	\$24.69	\$30.76	—
New York-Newark-Jersey City, NY-NJ-PA.....	\$39.79	\$27.59	\$32.95	—
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$36.33	\$25.61	\$29.49	—
Phoenix-Mesa-Scottsdale, AZ.....	\$28.65	\$21.10	\$22.36	—
San Jose-Sunnyvale-Santa Clara, CA.....	\$38.56	\$27.97	\$32.65	—
Seattle-Tacoma-Bellevue, WA.....	\$38.99	\$26.32	\$31.69	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$33.61	\$22.98	\$24.99	—

See footnotes at end of table.

Average hourly wages for selected occupational groups and areas by job characteristic, civilian workers, 2018¹ — Continued

Selected occupational groups and areas	Job characteristic			
	Union	Nonunion	Full-time	Part-time
49-0000 Installation, maintenance, and repair				
Atlanta-Sandy Springs-Roswell, GA.....	\$34.04	\$22.10	\$24.16	—
Boston-Cambridge-Nashua, MA-NH.....	\$35.57	\$24.64	\$27.62	—
Chicago-Naperville-Elgin, IL-IN-WI.....	\$34.56	\$22.32	\$25.73	—
Dallas-Fort Worth-Arlington, TX.....	\$32.38	\$22.00	\$23.64	—
Detroit-Warren-Dearborn, MI.....	\$32.46	\$21.43	\$24.29	—
Houston-The Woodlands-Sugar Land, TX.....	\$32.44	\$22.35	\$23.93	—
Los Angeles-Long Beach-Anaheim, CA.....	\$35.56	\$22.83	\$26.53	\$15.77
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$30.35	\$20.32	\$21.95	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$31.90	\$22.81	\$25.45	—
New York-Newark-Jersey City, NY-NJ-PA.....	\$31.38	\$24.07	\$27.59	\$15.25
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$30.36	\$23.14	\$25.79	—
Phoenix-Mesa-Scottsdale, AZ.....	\$34.05	\$21.36	\$23.38	—
San Jose-Sunnyvale-Santa Clara, CA.....	\$36.99	—	—	—
Seattle-Tacoma-Bellevue, WA.....	\$34.32	\$24.85	\$28.23	—
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	\$35.54	\$24.74	\$27.30	\$16.60
51-0000 Production				
Atlanta-Sandy Springs-Roswell, GA.....	\$20.87	\$16.85	\$17.87	\$10.40
Boston-Cambridge-Nashua, MA-NH.....	\$24.06	\$20.25	\$21.17	\$14.29
Chicago-Naperville-Elgin, IL-IN-WI.....	\$24.00	\$17.63	\$19.68	\$11.35
Dallas-Fort Worth-Arlington, TX.....	\$23.32	\$17.47	\$18.50	\$11.44
Detroit-Warren-Dearborn, MI.....	\$25.15	\$18.87	\$21.47	\$12.84
Houston-The Woodlands-Sugar Land, TX.....	—	\$20.25	\$21.69	\$11.60
Los Angeles-Long Beach-Anaheim, CA.....	\$26.45	\$17.48	\$19.02	\$12.50
Miami-Fort Lauderdale-West Palm Beach, FL.....	—	\$15.93	\$17.20	—
Minneapolis-St. Paul-Bloomington, MN-WI.....	\$23.76	\$19.47	\$20.55	\$12.09
New York-Newark-Jersey City, NY-NJ-PA.....	\$23.64	\$18.81	\$20.20	\$12.16
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$24.12	\$19.63	\$20.85	—
Phoenix-Mesa-Scottsdale, AZ.....	\$24.40	\$17.67	\$18.74	—
San Jose-Sunnyvale-Santa Clara, CA.....	—	\$20.62	\$22.30	\$15.28
Seattle-Tacoma-Bellevue, WA.....	\$30.10	\$22.05	\$24.64	\$15.19
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$19.04	\$20.77	\$11.72
53-0000 Transportation and material moving				
Atlanta-Sandy Springs-Roswell, GA.....	—	\$16.13	—	\$13.35
Boston-Cambridge-Nashua, MA-NH.....	\$23.20	\$18.02	\$21.98	\$14.88
Chicago-Naperville-Elgin, IL-IN-WI.....	\$27.07	\$15.26	\$21.28	\$13.15
Dallas-Fort Worth-Arlington, TX.....	\$37.45	\$16.99	\$21.73	\$15.20
Detroit-Warren-Dearborn, MI.....	\$29.06	\$15.95	\$22.49	\$12.80
Houston-The Woodlands-Sugar Land, TX.....	—	\$16.44	—	\$12.57
Los Angeles-Long Beach-Anaheim, CA.....	—	\$16.05	\$20.34	\$14.51
Miami-Fort Lauderdale-West Palm Beach, FL.....	\$32.38	\$14.93	\$21.45	\$12.88
Minneapolis-St. Paul-Bloomington, MN-WI.....	—	\$17.69	\$20.96	\$17.03
New York-Newark-Jersey City, NY-NJ-PA.....	\$26.66	\$16.59	\$22.44	\$15.39
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD.....	\$22.61	\$16.37	\$19.48	\$14.29
Phoenix-Mesa-Scottsdale, AZ.....	\$27.27	\$16.39	\$21.17	\$13.48
San Jose-Sunnyvale-Santa Clara, CA.....	—	\$18.26	\$20.72	\$16.05
Seattle-Tacoma-Bellevue, WA.....	\$30.63	\$18.36	\$24.63	\$16.37
Washington-Arlington-Alexandria, DC-VA-MD-WV.....	—	\$17.43	\$21.59	\$14.94

¹ For definitions of terms, see the Frequently Asked Questions available at www.bls.gov/mwe/faq.htm.

Note: Dashes indicate that no data were reported or that data do not meet publication criteria. Additional occupational groups and areas are available at www.bls.gov/mwe.

Source: U.S. Bureau of Labor Statistics, Modeled Wage Estimates.