

3.2 In-House Shop Rates, Selected Metro Areas

Area	HVAC Technician	Maintenance Electrician	Maintenance Plumber	Maintenance Carpenter	Maintenance Painter	Maintenance Road Worker	General Maintenance Worker	Trade Shop Supervisor
Akron, OH								
Direct Wage	\$33.11	\$33.06	\$33.19	\$32.28	\$29.61	\$32.28	\$27.65	\$39.57
Markup	\$66.22	\$66.12	\$66.38	\$64.56	\$59.22	\$64.56	\$55.30	\$79.14
Total Shop Rate	\$99.33	\$99.18	\$99.57	\$96.84	\$88.83	\$96.84	\$82.95	\$118.71
Alamogordo, NM								
Direct Wage	\$21.04	\$21.01	\$21.10	\$20.52	\$18.82	\$20.52	\$17.57	\$25.15
Markup	\$42.08	\$42.02	\$42.20	\$41.04	\$37.64	\$41.04	\$35.14	\$50.30
Total Shop Rate	\$63.12	\$63.03	\$63.30	\$61.56	\$56.46	\$61.56	\$52.71	\$75.45
Albany, NY								
Direct Wage	\$33.81	\$33.76	\$33.90	\$32.96	\$30.23	\$32.96	\$28.23	\$40.40
Markup	\$67.62	\$67.52	\$67.80	\$65.92	\$60.46	\$65.92	\$56.46	\$80.80
Total Shop Rate	\$101.43	\$101.28	\$101.70	\$98.88	\$90.69	\$98.88	\$84.69	\$121.20
Albuquerque, NM								
Direct Wage	\$28.46	\$28.41	\$28.53	\$27.75	\$25.45	\$27.75	\$23.77	\$34.01
Markup	\$56.92	\$56.82	\$57.06	\$55.50	\$50.90	\$55.50	\$47.54	\$68.02
Total Shop Rate	\$85.38	\$85.23	\$85.59	\$83.25	\$76.35	\$83.25	\$71.31	\$102.03
Altus, OK								
Direct Wage	\$25.11	\$25.07	\$25.18	\$24.48	\$22.46	\$24.48	\$20.97	\$30.01
Markup	\$50.22	\$50.14	\$50.36	\$48.96	\$44.92	\$48.96	\$41.94	\$60.02
Total Shop Rate	\$75.33	\$75.21	\$75.54	\$73.44	\$67.38	\$73.44	\$62.91	\$90.03
Amarillo, TX								
Direct Wage	\$21.74	\$21.71	\$21.80	\$21.20	\$19.44	\$21.20	\$18.16	\$25.98
Markup	\$43.48	\$43.42	\$43.60	\$42.40	\$38.88	\$42.40	\$36.32	\$51.96
Total Shop Rate	\$65.22	\$65.13	\$65.40	\$63.60	\$58.32	\$63.60	\$54.48	\$77.94
Anaheim, CA								
Direct Wage	\$37.81	\$37.76	\$37.91	\$36.87	\$33.82	\$36.87	\$31.58	\$45.19
Markup	\$75.62	\$75.52	\$75.82	\$73.74	\$67.64	\$73.74	\$63.16	\$90.38
Total Shop Rate	\$113.43	\$113.28	\$113.73	\$110.61	\$101.46	\$110.61	\$94.74	\$135.57
Anchorage, AK								
Direct Wage	\$41.34	\$41.28	\$41.45	\$40.31	\$36.97	\$40.31	\$34.53	\$49.41
Markup	\$82.68	\$82.56	\$82.90	\$80.62	\$73.94	\$80.62	\$69.06	\$98.82
Total Shop Rate	\$124.02	\$123.84	\$124.35	\$120.93	\$110.91	\$120.93	\$103.59	\$148.23
Ann Arbor, MI								
Direct Wage	\$30.66	\$30.61	\$30.74	\$29.89	\$27.41	\$29.89	\$25.60	\$36.64
Markup	\$61.32	\$61.22	\$61.48	\$59.78	\$54.82	\$59.78	\$51.20	\$73.28
Total Shop Rate	\$91.98	\$91.83	\$92.22	\$89.67	\$82.23	\$89.67	\$76.80	\$109.92
Atlanta, GA								
Direct Wage	\$27.68	\$27.63	\$27.75	\$26.99	\$24.75	\$26.99	\$23.11	\$33.08
Markup	\$55.36	\$55.26	\$55.50	\$53.98	\$49.50	\$53.98	\$46.22	\$66.16
Total Shop Rate	\$83.04	\$82.89	\$83.25	\$80.97	\$74.25	\$80.97	\$69.33	\$99.24
Atlantic City, NJ								
Direct Wage	\$44.18	\$44.11	\$44.30	\$43.08	\$39.51	\$43.08	\$36.90	\$52.80
Markup	\$88.36	\$88.22	\$88.60	\$86.16	\$79.02	\$86.16	\$73.80	\$105.60
Total Shop Rate	\$132.54	\$132.33	\$132.90	\$129.24	\$118.53	\$129.24	\$110.70	\$158.40

Note: Total shop rates are expressed as costs per hour. Shop markup includes all benefits, non-productive time, support, and supervision.