

Occupation Title	Occupation Code	Employment 2022	Employment 2032	Employment Change, 2022-2032	Employment Percent Change, 2022-2032
Electricians	47-2111	762.6	811.8	49.2	6.4
Insulation workers, floor, ceiling, and wall	47-2131	34.4	35	0.6	1.7
Insulation workers, mechanical	47-2132	27.2	27.6	0.5	1.7
Plumbers, pipefitters, and steamfitters	47-2152	482.7	493.6	10.9	2.3
Construction and building inspectors	47-4011	142.4	140.2	-2.2	-1.5
Heating, air conditioning, and refrigeration mechanics and installers	49-9021	415.8	438.8	23	5.5

Source: <https://data.bls.gov/projections/occupationProj>

Note: Employment is in thousands.

Occupational Openings, 2022-2032 Annual Average	Median Annual Wage 2022	Typical Entry-Level Education	Work Experience in a Related Occupation	Typical on-the-job Training
73.5	60,240	High school diploma or equivalent	None	Apprenticeship
2.7	45,380	No formal educational credential	None	Short-term on-the-job training
2.1	50,590	High school diploma or equivalent	None	Apprenticeship
42.6	60,090	High school diploma or equivalent	None	Apprenticeship
15.7	64,480	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
37.7	51,390	Postsecondary nondegree award	None	Long-term on-the-job training

One occupation for multiple geographical areas

Note: Employment is in thousands.

Occupation: Electricians (SOC Code 472111)

Period: May 2022

Area Name	Employment ⁽¹⁾	Annual mean wage ⁽²⁾	Annual median wage ⁽²⁾	Location Quotient
Alabama(0100000)	10070	50070	48170	1.08
Alaska(0200000)	1630	80660	80500	1.14
Arizona(0400000)	15980	53210	48860	1.13
Arkansas(0500000)	7450	47070	46600	1.30
California(0600000)	73300	78140	71030	0.89
Colorado(0800000)	16500	59280	58990	1.28
Connecticut(0900000)	7160	67540	64690	0.94
Delaware(1000000)	2120	60040	58230	1.00
District of Columbia(1100000)	2030	85910	96870	0.63
Florida(1200000)	42250	50710	48630	0.98
Georgia(1300000)	20260	56370	51120	0.94
Guam(6600000)	590	43820	40290	2.12
Hawaii(1500000)	3480	88630	98320	1.25
Idaho(1600000)	4820	54460	49230	1.30
Illinois(1700000)	19910	84790	88870	0.73
Indiana(1800000)	14260	66630	63090	0.99
Iowa(1900000)	7990	59560	60490	1.13
Kansas(2000000)	5890	59750	58290	0.91
Kentucky(2100000)	9210	55840	52590	1.04
Louisiana(2200000)	11440	54900	52000	1.33
Maine(2300000)	3310	60840	59010	1.16
Maryland(2400000)	11770	66230	61850	0.96
Massachusetts(2500000)	17840	82220	79750	1.07
Michigan(2600000)	25440	62850	62460	1.28
Minnesota(2700000)	11850	73320	72060	0.90
Mississippi(2800000)	5020	56210	54640	0.95
Missouri(2900000)	11620	64400	61080	0.88
Montana(3000000)	2750	62250	62610	1.20
Nebraska(3100000)	5650	54760	49890	1.25
Nevada(3200000)	6590	69200	63820	1.00
New Hampshire(3300000)	3020	58760	59600	0.98
New Jersey(3400000)	15820	80500	70410	0.83
New Mexico(3500000)	4770	58350	58960	1.25
New York(3600000)	39000	81740	75390	0.92
North Carolina(3700000)	22640	50900	49020	1.04
North Dakota(3800000)	2970	67410	63840	1.57
Ohio(3900000)	24770	61090	60180	0.99
Oklahoma(4000000)	7910	57200	52810	1.06
Oregon(4100000)	9020	83180	83820	1.02
Pennsylvania(4200000)	21210	73540	64170	0.78
Puerto Rico(7200000)	1500	31750	29230	0.36

Rhode Island(4400000)	2330	63470	62420	1.04
South Carolina(4500000)	7870	53040	48850	0.78
South Dakota(4600000)	2230	54170	51430	1.10
Tennessee(4700000)	15010	57050	53130	1.03
Texas(4800000)	64360	54980	54770	1.06
Utah(4900000)	10700	56940	54690	1.41
Vermont(5000000)	1210	53990	50470	0.88
Virgin Islands(7800000)	-	56800	50390	-
Virginia(5100000)	21590	60440	59380	1.19
Washington(5300000)	19120	85190	80650	1.20
West Virginia(5400000)	3500	62250	61990	1.10
Wisconsin(5500000)	11060	70180	70350	0.84
Wyoming(5600000)	2350	62200	62010	1.88

(1)Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

(2)Annual wages have been calculated by multiplying the corresponding hourly wage by 2,080 hours.

(8)Estimate not released.

SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Date extracted on :Nov 14, 2023

One occupation for multiple geographical areas

Note: Employment is in thousands.

Occupation: Insulation Workers, Floor, Ceiling, and Wall (SOC Code 472131)

Period: May 2022

Area Name	Employment ⁽¹⁾	Annual mean wage ⁽²⁾	Annual median wage ⁽²⁾	Location Quotient
Alabama(0100000)	700	41460	40300	1.55
Alaska(0200000)	70	55200	56900	1.09
Arizona(0400000)	480	39020	35170	0.70
Arkansas(0500000)	270	45890	38140	0.97
California(0600000)	1810	61460	54350	0.46
Colorado(0800000)	970	48180	42190	1.57
Connecticut(0900000)	280	50900	46060	0.76
Delaware(1000000)	-	42630	44380	-
Florida(1200000)	2550	43490	42630	1.24
Georgia(1300000)	1130	40180	35910	1.09
Hawaii(1500000)	-	84140	89020	-
Idaho(1600000)	460	49040	36040	2.57
Illinois(1700000)	880	58140	50940	0.67
Indiana(1800000)	450	43440	38640	0.66
Iowa(1900000)	300	46820	47400	0.87
Kansas(2000000)	320	46680	43670	1.02
Kentucky(2100000)	570	38680	37930	1.35
Louisiana(2200000)	1960	47990	49620	4.72
Maine(2300000)	130	40580	35650	0.98
Maryland(2400000)	1080	54290	49330	1.82
Massachusetts(2500000)	1340	55470	47230	1.68
Michigan(2600000)	960	44780	44400	1.01
Minnesota(2700000)	820	52700	48610	1.30
Mississippi(2800000)	310	50550	59960	1.24
Missouri(2900000)	720	52310	37760	1.14
Montana(3000000)	410	39550	36950	3.72
Nebraska(3100000)	210	63390	74220	0.97
Nevada(3200000)	-	65720	59330	-
New Hampshire(3300000)	250	43140	43820	1.72
New Mexico(3500000)	140	64060	74260	0.78
New York(3600000)	2130	64820	61040	1.04
North Carolina(3700000)	860	35480	36270	0.82
North Dakota(3800000)	150	45610	45760	1.67
Ohio(3900000)	1080	46660	43250	0.90
Oklahoma(4000000)	630	45440	41050	1.77
Oregon(4100000)	610	53820	57680	1.43
Pennsylvania(4200000)	190	46600	37290	0.15
Puerto Rico(7200000)	220	26540	22080	1.09
South Carolina(4500000)	320	28780	20090	0.67
South Dakota(4600000)	290	42860	44810	2.95
Tennessee(4700000)	1350	37350	36010	1.93

Texas(4800000)	2270	39930	39390	0.78
Utah(4900000)	470	44590	45940	1.29
Vermont(5000000)	140	41330	38970	2.15
Virginia(5100000)	350	42580	43560	0.40
Washington(5300000)	660	63340	63810	0.87
West Virginia(5400000)	150	39050	43430	1.01
Wisconsin(5500000)	560	53890	47570	0.88
Wyoming(5600000)	160	42850	37830	2.65

(1)Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

(2)Annual wages have been calculated by multiplying the corresponding hourly wage by 2,080 hours.

(8)Estimate not released.

SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Date extracted on :Nov 14, 2023

One occupation for multiple geographical areas

Note: Employment is in thousands.

Occupation: Insulation Workers, Mechanical (SOC Code 472132)

Period: May 2022

Area Name	Employment ⁽¹⁾	Annual mean wage ⁽²⁾	Annual median wage ⁽²⁾	Location Quotient
Alabama(0100000)	320	47310	47860	0.91
Alaska(0200000)	130	74790	71240	2.39
Arizona(0400000)	630	53410	51650	1.19
Arkansas(0500000)	40	35970	32610	0.21
California(0600000)	550	93480	92820	0.18
Colorado(0800000)	840	64510	50080	1.75
Connecticut(0900000)	200	64250	64130	0.69
Delaware(1000000)	230	54010	51830	2.97
Florida(1200000)	860	49030	46430	0.54
Georgia(1300000)	720	52750	56900	0.90
Hawaii(1500000)	60	78310	74360	0.58
Idaho(1600000)	280	39990	37850	2.01
Illinois(1700000)	730	93200	97360	0.72
Indiana(1800000)	700	61810	65890	1.31
Iowa(1900000)	380	47780	47750	1.44
Kansas(2000000)	360	58790	47580	1.49
Kentucky(2100000)	450	46600	46340	1.36
Louisiana(2200000)	560	52890	50570	1.76
Maine(2300000)	460	51070	49350	4.36
Maryland(2400000)	790	63080	63850	1.72
Massachusetts(2500000)	470	66780	63220	0.76
Michigan(2600000)	380	47510	47430	0.52
Minnesota(2700000)	710	85030	92280	1.44
Mississippi(2800000)	80	40690	34580	0.40
Missouri(2900000)	410	61000	48900	0.84
Nebraska(3100000)	170	48810	47960	0.99
Nevada(3200000)	200	74810	75550	0.83
New Jersey(3400000)	330	90610	97050	0.47
New Mexico(3500000)	80	83700	100870	0.57
New York(3600000)	1080	81650	66980	0.68
North Carolina(3700000)	1410	45600	47170	1.75
North Dakota(3800000)	160	53590	49600	2.33
Ohio(3900000)	600	54600	58010	0.65
Oklahoma(4000000)	190	51420	48680	0.69
Oregon(4100000)	290	83140	89020	0.88
Pennsylvania(4200000)	1030	73460	76040	1.02
Rhode Island(4400000)	40	67970	64410	0.50
South Carolina(4500000)	420	42710	42250	1.13
South Dakota(4600000)	90	45860	47720	1.24
Tennessee(4700000)	540	49380	48970	0.99
Texas(4800000)	4820	48300	47880	2.14

Utah(4900000)	290	41690	38620	1.03
Vermont(5000000)	40	49110	49000	0.80
Virginia(5100000)	930	47540	48100	1.38
Washington(5300000)	500	80850	74580	0.84
Wisconsin(5500000)	700	67920	75440	1.42
Wyoming(5600000)	250	50610	46940	5.28

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SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Date extracted on: Nov 14, 2023

One occupation for multiple geographical areas

Note: Employment is in thousands.

Occupation: Plumbers, Pipefitters, and Steamfitters (SOC Code 472152)

Period: May 2022

Area Name	Employment ⁽¹⁾	Annual mean wage ⁽²⁾	Annual median wage ⁽²⁾	Location Quotient
Alabama(0100000)	6480	49510	48190	1.12
Alaska(0200000)	810	86820	84130	0.92
Arizona(0400000)	10350	57610	49560	1.18
Arkansas(0500000)	2940	46750	45980	0.82
California(0600000)	40260	74360	62660	0.79
Colorado(0800000)	9560	61750	61180	1.19
Connecticut(0900000)	4960	68520	72730	1.05
Delaware(1000000)	1410	61510	57990	1.07
District of Columbia(1100000)	710	77260	75730	0.35
Florida(1200000)	26930	48830	48160	1.01
Georgia(1300000)	7720	58830	57630	0.58
Hawaii(1500000)	2000	76530	74660	1.16
Idaho(1600000)	2830	60730	60950	1.23
Illinois(1700000)	14320	87980	98370	0.84
Indiana(1800000)	12090	67360	68290	1.35
Iowa(1900000)	5780	62320	61240	1.31
Kansas(2000000)	4090	57660	51350	1.03
Kentucky(2100000)	5900	59200	57820	1.07
Louisiana(2200000)	9230	58860	60790	1.73
Maine(2300000)	2290	59690	60420	1.30
Maryland(2400000)	9900	60910	59780	1.30
Massachusetts(2500000)	14500	82020	79830	1.40
Michigan(2600000)	13710	64570	63770	1.12
Minnesota(2700000)	9430	76690	75940	1.15
Mississippi(2800000)	3190	50200	50110	0.97
Missouri(2900000)	8610	65950	60410	1.06
Montana(3000000)	2020	69450	74880	1.42
Nebraska(3100000)	3220	60590	56920	1.15
Nevada(3200000)	4830	65040	62270	1.18
New Hampshire(3300000)	2170	59340	58250	1.14
New Jersey(3400000)	8760	84150	75540	0.74
New Mexico(3500000)	3130	51120	48280	1.32
New York(3600000)	26670	83410	76710	1.01
North Carolina(3700000)	14400	49210	47220	1.07
North Dakota(3800000)	1280	58740	58260	1.09
Ohio(3900000)	13520	64950	62930	0.87
Oklahoma(4000000)	5650	52790	48880	1.22
Oregon(4100000)	5460	81610	79940	0.99
Pennsylvania(4200000)	14840	68500	61670	0.88
Puerto Rico(7200000)	620	26090	23510	0.24
Rhode Island(4400000)	2170	65800	72080	1.56

South Carolina(4500000)	4610	49720	48000	0.74
South Dakota(4600000)	1660	51890	49080	1.32
Tennessee(4700000)	6860	55110	50640	0.76
Texas(4800000)	37980	55280	55800	1.01
Utah(4900000)	5140	58420	58640	1.09
Vermont(5000000)	830	54220	51750	0.98
Virgin Islands(7800000)	60	53730	51390	0.64
Virginia(5100000)	12060	55030	50500	1.08
Washington(5300000)	11430	78550	72840	1.16
West Virginia(5400000)	1240	55100	49730	0.63
Wisconsin(5500000)	6890	71220	68230	0.84
Wyoming(5600000)	1110	54760	50190	1.43

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SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Date extracted on :Nov 14, 2023

One occupation for multiple geographical areas

Note: Employment is in thousands.

Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (SOC Code 499021)

Period: May 2022

Area Name	Employment ⁽¹⁾	Annual mean wage ⁽²⁾	Annual median wage ⁽²⁾	Location Quotient
Alabama(0100000)	5920	47200	46460	1.17
Alaska(0200000)	500	72200	71800	0.65
Arizona(0400000)	8210	54390	48980	1.07
Arkansas(0500000)	3610	45560	45750	1.16
California(0600000)	38370	67430	60830	0.86
Colorado(0800000)	6990	59370	57450	1.00
Connecticut(0900000)	4890	68930	67070	1.18
Delaware(1000000)	1430	56920	53240	1.24
District of Columbia(1100000)	360	74660	75840	0.20
Florida(1200000)	33560	49380	47260	1.44
Georgia(1300000)	12210	52430	48580	1.04
Guam(6600000)	300	46970	40080	1.99
Hawaii(1500000)	1260	71310	65250	0.83
Idaho(1600000)	3110	49160	48320	1.54
Illinois(1700000)	11250	62730	58080	0.75
Indiana(1800000)	7390	56120	52000	0.94
Iowa(1900000)	3860	54700	54910	1.00
Kansas(2000000)	3440	54270	49020	0.98
Kentucky(2100000)	5240	50810	48080	1.09
Louisiana(2200000)	3920	52880	48750	0.84
Maine(2300000)	1930	56340	51360	1.25
Maryland(2400000)	7760	63280	61430	1.16
Massachusetts(2500000)	6400	70010	66920	0.71
Michigan(2600000)	9480	57090	50040	0.88
Minnesota(2700000)	4490	70080	67010	0.63
Mississippi(2800000)	2570	45310	44630	0.90
Missouri(2900000)	7580	60270	50150	1.06
Montana(3000000)	1230	53180	49150	0.99
Nebraska(3100000)	3330	54190	49510	1.35
Nevada(3200000)	3670	56410	57120	1.03
New Hampshire(3300000)	1790	61660	62040	1.07
New Jersey(3400000)	9300	68510	69260	0.89
New Mexico(3500000)	1240	48160	46580	0.60
New York(3600000)	20150	69540	64690	0.87
North Carolina(3700000)	14160	49380	48000	1.20
North Dakota(3800000)	830	63720	60800	0.81
Ohio(3900000)	13710	55950	50570	1.01
Oklahoma(4000000)	5370	49050	47750	1.32
Oregon(4100000)	3620	61860	61480	0.75
Pennsylvania(4200000)	17730	55380	50860	1.20
Puerto Rico(7200000)	1470	27310	23690	0.65

Rhode Island(4400000)	1240	62580	62010	1.02
South Carolina(4500000)	5470	48170	46490	1.00
South Dakota(4600000)	1060	55650	50520	0.96
Tennessee(4700000)	9940	49820	47530	1.26
Texas(4800000)	30670	51790	48720	0.93
Utah(4900000)	5140	53580	49440	1.25
Vermont(5000000)	1340	55730	54090	1.80
Virgin Islands(7800000)	70	44800	40240	0.89
Virginia(5100000)	12640	55880	53460	1.29
Washington(5300000)	7390	65340	61520	0.86
West Virginia(5400000)	1660	44060	43680	0.97
Wisconsin(5500000)	5930	64250	60700	0.83
Wyoming(5600000)	420	56530	57010	0.62

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