# Sedona Lodging Sector Compensation Report 2015 <br> A Report by the YC Regional Economic Development Center 

## YAVAPAI COLLEGE <br> REGIONAL ECONOMIC

 DEVELOPMENT CENTER
## Executive Summary

The hospitality sector has grown exponentially over the past decade, with tourism becoming the nation's top export generating $\$ 2.1$ trillion in national economic output and almost 15 million jobs nationwide. Tourism also tops the list in the state of Arizona for exports, pulling in $\$ 7.7$ billion in 2013. Due to this, demand for workforce across industry subsectors like lodging and food services has increased

Top Occupations By Wage in Sedona 2015
Lodging Managers $\$ 30.58$
Sales Managers \$27.69
Food Service Managers\$24.29
Chefs \$22.94
FIRST-LINe SUPERVISORS \$20.67 substantially. In Sedona alone there has been almost a $25 \%$ increase in total jobs for the lodging sector in the past five years.

Out of 28 top occupations in 2015, largest growth over the past five years in Sedona has been seen in the quantity of jobs for hotel, motel, and resort desk clerks with $54 \%$ growth, maids and housekeeping cleaners at $38 \%$ growth, first-line supervisors of food preparation and service with $33 \%$ growth, cooks for institutions and restaurants at $38 \%$ and $23 \%$ respective growth, and food servers at 33\% growth.
Also topping the list for job growth are concierges at 40\% growth, lodging managers at $26 \%$ growth, and chefs and head cooks with $15 \%$ growth, though these occupations have a lower total job count than the aforementioned list.

What does this mean for employers? Increased competition for labor in the region. Employers may strategically approach high demand occupations by looking at the difference between the $25^{\text {th }}$ percentile earnings, median earnings, and $75^{\text {th }}$ percentile earnings. For the top positions of lodging managers and chefs, the $75^{\text {th }}$ percentile earnings are at $\$ 30.58$ and $\$ 22.94$ respectively.


Increased competition for workers among the clerk, housekeeping, and food service may require employers to aim for median to $75^{\text {th }}$ percentile wages in these occupations. For desk clerks this is in the range of $\$ 9.28$ to $\$ 10.58$ per hour, for housekeeping this is between $\$ 9.29$ and $\$ 10.63$ per hour, and for the variety of food service positions this is between $\$ 8.83$ and $\$ 11.76$ per hour. Given the management experience and decision-making authority of first-line supervisors, these positions are running in the range of $\$ 15.02$ and $\$ 20.67$ per for median and $75^{\text {th }}$ percentile earnings.


A relatively recent approach to alleviating the concerns associated hiring is the continual posting of positions irrespective of having an actual open position. Across top industry sectors, including hospitality, job postings have exponentially increased while hires have remained at a steady incline. Average monthly job postings between 2011 and 2015 show the greatest increase in advertising for first-line supervisors, food service managers, and housekeeping. Top average monthly hires during the same time period show housekeeping at 80 positions per month, first-line supervisors at 53 positions, and desk clerks at 42 positions per month.

Overarching conditions across the lodging sector in the state show that the demand for services has increased in Sedona beyond that of the state and the county. While competition for employees will continue to increase, application of innovative workforce development programing like robust internships and registered apprenticeship programs will alleviate this pressures and assist in bring balance to the industry.

## Regional Trends



Comparing median hourly earnings across Sedona, Yavapai and Coconino Counties, and the state as a whole may help employers garner a competitive strategy for workforce needs and movement through occupation levels, from entry-level to middle skilled and professional positions.

Occupation Summary for Lodging Staff - Sedona

| 2,654 | $24.5 \%$ | $\$ 10.59 / \mathrm{hr}$ |
| :--- | :--- | :--- |
| Jobs (2015) | \% Change (2010-2015) | Median Hourly Earnings |
| $131 \%$ above National average | Nation: $9.7 \%$ | Nation: $\$ 12.80 / \mathrm{hr}$ |

Occupation Summary for Lodging Staff -Yavapai County

| 11,494 | $17.4 \%$ | $\$ 11.08 / \mathrm{hr}$ |
| :--- | :--- | :--- |
| Jobs (2015) | \% Change (2010-2015) | Median Hourly Earnings |
| $28 \%$ above National average | Nation: $9.7 \%$ | Nation: $\$ 12.80 / \mathrm{hr}$ |

Occupation Summary for Lodging Staff - Coconino County

| 14,155 | 12.7\% | \$11.34/hr |
| :---: | :---: | :---: |
| Jobs (2015) | \% Change (2010-2015) | Median Hourly Earnings |
| 61\% above National average | Nation: 9.7\% | Nation: \$12.80/hr |
| Occupation Summary for Lodging Staff - Arizona State |  |  |
| 387,526 | 10.8\% | \$12.84/hr |
| Jobs (2015) | \% Change (2010-2015) | Median Hourly Earnings |
| 4\% above National average | Nation: 9.7\% | Nation: \$12.80/hr |



| Occupation | 25th Percentile Earnings Median Earnings | 75th Percentile Earnings |  |
| :--- | :--- | :--- | :--- |
| Dining Room and Cafeteria <br> Attendants and Bartender <br> Helpers (35-9011) | $\$ 8.35$ | $\$ 8.79$ | $\$ 9.24$ |
| Dishwashers (35-9021) | $\$ 8.36$ | $\$ 8.81$ | $\$ 9.28$ |
| Hosts and Hostesses, Restaurant, <br> Lounge, and Coffee Shop (35- <br> 9031) | $\$ 8.34$ | $\$ 8.77$ | $\$ 9.20$ |
| First-Line Supervisors of <br> Housekeeping and Janitorial <br> Workers (37-1011) | $\$ 11.46$ | $\$ 13.18$ | $\$ 15.44$ |
| Maids and Housekeeping <br> Cleaners (37-2012) | $\$ 8.59$ | $\$ 9.29$ | $\$ 10.63$ |
| Baggage Porters and Bellhops <br> (39-6011) | $\$ 9.42$ | $\$ 10.34$ | $\$ 11.88$ |
| Concierges (39-6012) | $\$ 11.51$ | $\$ 14.07$ | $\$ 16.46$ |
| Cashiers (41-2011) | $\$ 8.46$ | $\$ 18.99$ | $\$ 9.61$ |
| First-Line Supervisors of Office <br> and Administrative Support <br> Workers (43-1011) | $\$ 14.64$ | $\$ 16.72$ | $\$ 25.49$ |
| Bookkeeping, Accounting, and <br> Auditing Clerks (43-3031) | $\$ 14.32$ | $\$ 9.28$ | $\$ 19.18$ |
| Hotel, Motel, and Resort Desk <br> Clerks (43-4081) | $\$ 8.61$ | $\$ 16.16$ | $\$ 13.94$ |
| Reservation and Transportation <br> Ticket Agents and Travel Clerks <br> (43-4181) | $\$ 12.32$ | $\$ 9.70$ | $\$ 9.39$ |
| Bakers (51-3011) <br> Transportation Attendants, <br> Except Flight Attendants (53- <br> 6061) | $\$ 125$ |  |  |

Sedona Lodging Sector Job Growth

| 2,131 | 2,654 | 523 | $24.5 \%$ |
| :--- | :--- | :--- | :--- |
| 2010 Jobs | 2015 Jobs | Change (2010-2015) | \% Change (2010-2015) |



| Occupation | 2010 Jobs | 2015 Jobs | Change | \% Change |
| :---: | :---: | :---: | :---: | :---: |
| Counter Attendants, Cafeteria, Food Concession, and Coffee Shop (35-3022) |  | 17 | 3 | 21\% |
| Waiters and Waitresses $(35-3031)$ | 360 | 430 | 70 | 19\% |
| Food Servers, <br> Nonrestaurant (35-3041) | 15 | 20 | 5 | 33\% |
| Dining Room and Cafeteria Attendants and Bartender Helpers (35-9011) | 59 | 72 | 13 | 22\% |
| Dishwashers (35-9021) | 104 | 129 | 25 | 24\% |
| Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop (35-9031) | 67 | 80 | 13 | 19\% |
| First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011) |  | 31 | 5 | 19\% |
| Maids and Housekeeping Cleaners (37-2012) | 327 | 450 | 123 | 38\% |
| Baggage Porters and Bellhops (39-6011) | 6 | 7 | 1 | 17\% |
| Concierges (39-6012) | 5 | 7 | 2 | 40\% |
| Cashiers (41-2011) | 251 | 271 | 20 | 8\% |
| First-Line Supervisors of Office and Administrative Support Workers (43-1011) | 83 | 91 | 8 | 10\% |
| Bookkeeping, Accounting, and Auditing Clerks (433031) | 85 | 92 | 7 | 8\% |
| Hotel, Motel, and Resort Desk Clerks (43-4081) | 237 | 365 | 128 | 54\% |
| Reservation and Transportation Ticket Agents and Travel Clerks (43-4181) | 19 | 13 | -6 | -32\% |


| Occupation | 2010 Jobs | 2015 Jobs | Change | \% Change |
| :--- | :--- | :--- | :--- | :--- |
| Bakers (51-3011) | 8 | 13 | 5 | $63 \%$ |
| Transportation Attendants, <br> Except Flight Attendants <br> $(53-6061)$ 1 | 2 | 1 | 100\% |  |

While posting intensity has increased and reached its highest proportions in years in 2015, hiring has remained at a steadily increasing rate, signaling the implementations of hiring strategies seen in healthcare and manufacturing where employers are interested in monitoring the flow of talent for potential hire.

## Sedona Postings vs. Hires



| Occupation | Avg Monthly Postings (Jan 2011 Jul 2015) | Avg Monthly Hires (Jan 2011 - Jul 2015) |
| :---: | :---: | :---: |
| Sales Managers | 9 | 5 |
| Cooks, Restaurant | 8 | 72 |
| Security Guards | 8 | 13 |
| Food Preparation Workers | 7 | 17 |
| Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop | 5 | 30 |
| Dining Room and Cafeteria Attendants and Bartender Helpers | 5 | 24 |
| Dishwashers | 5 | 50 |
| First-Line Supervisors of Housekeeping and Janitorial Workers | 4 | 8 |
| Counter Attendants, Cafeteria, Food Concession, and Coffee Shop |  | 9 |
| Cooks, Institution and Cafeteria | 4 | 16 |
| Bartenders | 3 | 42 |
| Chefs and Head Cooks | 3 | 5 |
| Bookkeeping, Accounting, and Auditing Clerks | 3 | 45 |
| Lodging Managers | 3 | 4 |
| Food Servers, Nonrestaurant | 3 | 7 |
| Baggage Porters and Bellhops | 3 | 1 |
| Concierges | 2 | 1 |
| Bakers | 1 | 5 |
| Cooks, Short Order | 0 | 5 |
| Reservation and Transportation Ticket Agents and Travel Clerks | 0 | 2 |
| Transportation Attendants, Except Flight Attendants | 0 | 0 |

The top five occupations by quantity employed in Sedona are all directly related to the lodging industry. This reflects the large impact of industry in the regional economy.

Sedona Largest Occupations


The fastest growing occupations in Sedona are directly related to the lodging industry, reiterating the impact and importance of the lodging sector in the area.

## Sedona Fastest Growing Occupations

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| $400$ |  |  |  |  |  |
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| $300-$ |  |  |  |  |  |
| $200-$ |  |  |  |  |  |
| $100-$ |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Occupation | 2014 Jobs | 2015 Jobs |  | \% Change | 2014 Median <br> Hourly <br> Earnings |
| Building Cleaning Workers | 608 | 651 | 43 | 7\% | \$9.63 |
| Hotel, Motel, and Resort Desk Clerks | 341 | 365 | 23 | 7\% | \$9.28 |
| Waiters and Waitresses | 410 | 430 | 19 | 5\% | \$8.92 |
| Cooks | 292 | 307 | 15 | 5\% | \$10.38 |
| Cashiers | 256 | 271 | 15 | 6\% | \$8.97 |
| Retail Salespersons | 377 | 389 | 12 | 3\% | \$10.82 |
| Fast Food and Counter Workers | 116 | 127 | 12 | 10\% | \$8.98 |
| Secretaries and Administrative Assistants | 213 | 224 | 11 | 5\% | \$15.37 |
| Maintenance and Repair Workers, General | 134 | 142 | 8 | 6\% | \$15.50 |
| Grounds Maintenance Workers | 120 | 127 | 8 | 6\% | \$10.61 |

## Sedona Most Competitive Occupations

| $\square$ JobChange $\quad{ }_{50}$ Expected Change $\quad$ Competitive Effect |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| $\left.\begin{array}{l} 45 \\ 40 \\ 40 \end{array}\right]$ |  |  |  |  |  |
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|  |  |  |  |  |  |
| Occupation | Job Change | Occ Mix Effect | Nat Growth Effect | Expected Change | Competitive Effect |
| Building Cleaning Workers | 43 | -5 | 13 | 8 | 35 |
| Hotel, Motel, and Resort Desk Clerks | 23 | 0 | 8 | 8 | 16 |
| Cashiers | 15 | -1 | 6 | 5 | 11 |
| Waiters and Waitresses | 19 | 3 | 9 | 12 | 7 |
| Secretaries and Administrative Assistants | 11 | -1 | 5 | 4 | 7 |
| Fast Food and Counter Workers | 12 | 2 | 3 | 5 | 7 |
| Retail Salespersons | 12 | -3 | 8 | 5 | 6 |
| Grounds Maintenance Workers |  | -1 | 3 | 2 | 6 |
| Maintenance and Repair Workers, General | 8 | -1 | 3 | 2 | 6 |
| Cooks | 15 | 3 | 6 | 9 | 6 |

Industry location quotient for 2014-2015 verifies the effects seen in job growth data and the potential for growth in the lodging sector. The location quotient gauges how much productivity is occurring in a region per industry sector compared to all regions nationally. Location Quotients (LQs) are ratios that allow an area's distribution of employment by industry to be compared to a reference or base area's distribution (in the case the U.S. as a whole). If an LQ is equal to 1 , then the industry has the same share of its area employment as it does in the reference area. An LQ greater than 1 indicates an industry with a greater share of the local area employment than is the case in the reference area. A LQ greater than 1 states that the region is producing more in that sector then other regions and signals a unique character of the region.

## Sedona Highest Occupation Location Quotient


\(\left.\begin{array}{lllllllc}\hline Occupation \& 2014 Jobs \& 2015 Jobs \& \% Change \& 2014 LQ \& 2015 LQ \& \% Change LQ Hourly <br>

Earnings\end{array}\right]\)| 2014 Median |
| :--- |

\(\left.\begin{array}{llllllll}\hline Occupation \& 2014 Jobs \& 2015 Jobs \& \% Change \& 2014 LQ \& 2015 LQ \& \% Change LQ Lourly <br>

Earnings\end{array}\right]\)| 2014 Median |
| :--- | :--- | :--- | :--- | :--- | :--- |

Yavapai County Percentile Earnings


| Occupation | 25th Percentile Earnings Median Earnings |  | 75th Percentile Earnings |
| :---: | :---: | :---: | :---: |
| Sales Managers (11-2022) | \$25.11 | \$28.23 | \$80.54 |
| Food Service Managers (119051) | \$15.11 | \$16.56 | \$21.97 |
| Lodging Managers (11-9081) | \$20.80 | \$23.33 | \$30.56 |
| Security Guards (33-9032) | \$10.13 | \$11.95 | \$15.03 |
| Chefs and Head Cooks (35-1011) | \$14.37 | \$17.38 | \$21.97 |
| First-Line Supervisors of Food Preparation and Serving Workers (35-1012) | \$11.27 | \$15.00 | \$20.61 |
| Cooks, Institution and Cafeteria $(35-2012)$ | \$8.94 | \$10.27 | \$11.59 |
| Cooks, Restaurant (35-2014) | \$10.05 | \$10.88 | \$11.72 |
| Cooks, Short Order (35-2015) | \$9.29 | \$10.38 | \$11.72 |
| Food Preparation Workers (352021) | \$8.74 | \$9.72 | \$10.90 |
| Bartenders (35-3011) | \$8.40 | \$8.88 | \$9.37 |
| Counter Attendants, Cafeteria, Food Concession, and Coffee Shop (35-3022) | \$8.30 | \$8.90 | \$10.15 |
| Waiters and Waitresses (353031) | \$8.40 | \$8.90 | \$9.49 |
| Food Servers, Nonrestaurant $(35-3041)$ | \$8.29 | \$8.80 | \$9.72 |


| Occupation | 25th Percentile Earnings Median Earnings | 75th Percentile Earnings |  |
| :--- | :--- | :--- | :--- |
| Dining Room and Cafeteria <br> Attendants and Bartender <br> Helpers (35-9011) | $\$ 8.35$ | $\$ 8.79$ | $\$ 9.24$ |
| Dishwashers (35-9021) | $\$ 8.36$ | $\$ 8.81$ | $\$ 9.27$ |
| Hosts and Hostesses, Restaurant, <br> Lounge, and Coffee Shop (35- <br> 9031) | $\$ 8.34$ | $\$ 8.76$ | $\$ 9.19$ |
| First-Line Supervisors of <br> Housekeeping and Janitorial <br> Workers (37-1011) | $\$ 11.43$ | $\$ 13.12$ | $\$ 15.31$ |
| Maids and Housekeeping <br> Cleaners (37-2012) | $\$ 8.64$ | $\$ 9.32$ | $\$ 10.53$ |
| Baggage Porters and Bellhops <br> (39-6011) | $\$ 9.47$ | $\$ 10.41$ | $\$ 11.98$ |
| Concierges (39-6012) | $\$ 11.56$ | $\$ 14.12$ | $\$ 16.50$ |
| Cashiers (41-2011) | $\$ 8.45$ | $\$ 18.91$ | $\$ 9.60$ |
| First-Line Supervisors of Office <br> and Administrative Support <br> Workers (43-1011) | $\$ 14.54$ | $\$ 16.77$ | $\$ 25.48$ |
| Bookkeeping, Accounting, and <br> Auditing Clerks (43-3031) | $\$ 14.41$ | $\$ 9.28$ | $\$ 19.19$ |
| Hotel, Motel, and Resort Desk <br> Clerks (43-4081) | $\$ 8.61$ | $\$ 16.24$ | $\$ 13.56$ |
| Reservation and Transportation <br> Ticket Agents and Travel Clerks <br> (43-4181) | $\$ 12.26$ | $\$ 9.57$ | $\$ 9.42$ |

Coconino County Percentile Earnings


| Occupation | 25th Percentile Earnings Median Earnings | 75th Percentile Earnings |  |
| :--- | :--- | :--- | :--- |
| Sales Managers (11-2022) | $\$ 26.66$ | $\$ 37.77$ | $\$ 52.17$ |
| Food Service Managers (11- <br> 9051) | $\$ 18.87$ | $\$ 22.26$ | $\$ 26.27$ |
| Lodging Managers (11-9081) | $\$ 18.99$ | $\$ 23.89$ | $\$ 34.80$ |
| Security Guards (33-9032) | $\$ 9.09$ | $\$ 11.46$ | $\$ 14.12$ |
| Chefs and Head Cooks (35-1011) \$15.49 | $\$ 20.95$ | $\$ 32.38$ |  |
| First-Line Supervisors of Food <br> Preparation and Serving <br> Workers (35-1012) | $\$ 10.51$ | $\$ 13.60$ | $\$ 20.62$ |
| Cooks, Institution and Cafeteria <br> (35-2012) | $\$ 13.10$ | $\$ 15.52$ | $\$ 18.64$ |
| Cooks, Restaurant (35-2014) | $\$ 9.00$ | $\$ 10.76$ | $\$ 13.03$ |
| Cooks, Short Order (35-2015) | $\$ 9.55$ | $\$ 10.82$ | $\$ 12.57$ |
| Food Preparation Workers (35- <br> 2021) | $\$ 7.99$ | $\$ 8.64$ | $\$ 9.82$ |
| Bartenders (35-3011) | $\$ 8.49$ | $\$ 9.10$ | $\$ 14.82$ |
| Counter Attendants, Cafeteria, <br> Food Concession, and Coffee <br> Shop (35-3022) | $\$ 8.48$ | $\$ 9.06$ | $\$ 10.21$ |
| Waiters and Waitresses (35- <br> $3031)$ | $\$ 8.67$ | $\$ 9.61$ | $\$ 13.16$ |
| Food Servers, Nonrestaurant <br> (35-3041) | $\$ 9.03$ | $\$ 25$ |  |


| Occupation | 25th Percentile Earnings Median Earnings |  | 75th Percentile Earnings |
| :---: | :---: | :---: | :---: |
| Dining Room and Cafeteria Attendants and Bartender Helpers (35-9011) | \$8.33 | \$8.75 | \$9.18 |
| Dishwashers (35-9021) | \$8.48 | \$9.06 | \$10.08 |
| Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop (359031) | \$8.45 | \$9.00 | \$9.89 |
| First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011) | \$12.34 | \$13.82 | \$16.68 |
| Maids and Housekeeping Cleaners (37-2012) | \$8.30 | \$8.85 | \$10.11 |
| Baggage Porters and Bellhops $(39-6011)$ | \$8.49 | \$9.07 | \$10.03 |
| Concierges (39-6012) | \$9.44 | \$11.43 | \$14.35 |
| Cashiers (41-2011) | \$8.46 | \$9.00 | \$10.09 |
| First-Line Supervisors of Office and Administrative Support Workers (43-1011) | \$16.58 | \$21.53 | \$27.25 |
| Bookkeeping, Accounting, and Auditing Clerks (43-3031) | \$11.79 | \$15.49 | \$19.42 |
| Hotel, Motel, and Resort Desk Clerks (43-4081) | \$8.63 | \$9.34 | \$11.08 |
| Reservation and Transportation Ticket Agents and Travel Clerks (43-4181) | \$12.93 | \$14.52 | \$17.97 |
| Bakers (51-3011) | \$9.19 | \$10.93 | \$13.38 |
| Transportation Attendants, Except Flight Attendants (536061) | \$9.12 | \$10.39 | \$12.89 |

## Arizona State Percentile Earnings

| \$10.86/hr <br> 25th Percentile Earnings |  |  | \$12.84/hr <br> Median Earnings |  | \$15.75/hr 75th Percentil |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pct. 10 | $\text { Pct. } 25$ | Median | $\text { Pct. } 75$ |  |


| Occupation | 25th Percentile Earnings Median Earnings |  | 75th Percentile Earnings |
| :---: | :---: | :---: | :---: |
| Sales Managers (11-2022) | \$29.69 | \$42.80 | \$59.84 |
| Food Service Managers (119051) | \$15.79 | \$19.60 | \$25.87 |
| Lodging Managers (11-9081) | \$24.30 | \$29.34 | \$47.04 |
| Security Guards (33-9032) | \$9.90 | \$11.48 | \$14.69 |
| Chefs and Head Cooks (35-1011) | \$15.84 | \$20.04 | \$27.35 |
| First-Line Supervisors of Food Preparation and Serving Workers (35-1012) | \$11.25 | \$15.23 | \$20.02 |
| Cooks, Institution and Cafeteria $(35-2012)$ | \$10.07 | \$11.79 | \$13.90 |
| Cooks, Restaurant (35-2014) | \$9.36 | \$10.74 | \$12.52 |
| Cooks, Short Order (35-2015) | \$9.28 | \$10.35 | \$11.40 |
| Food Preparation Workers (352021) | \$8.70 | \$9.62 | \$11.12 |
| Bartenders (35-3011) | \$8.45 | \$8.98 | \$10.50 |
| Counter Attendants, Cafeteria, Food Concession, and Coffee Shop (35-3022) | \$8.48 | \$9.07 | \$10.54 |
| Waiters and Waitresses (353031) | \$8.40 | \$8.90 | \$9.49 |


| Occupation | 25th Percentile Earnings Median Earnings |  | 75th Percentile Earnings |
| :---: | :---: | :---: | :---: |
| Food Servers, Nonrestaurant $(35-3041)$ | \$8.45 | \$9.01 | \$10.48 |
| Dining Room and Cafeteria Attendants and Bartender Helpers (35-9011) | \$8.41 | \$8.92 | \$9.60 |
| Dishwashers (35-9021) | \$8.49 | \$9.08 | \$10.26 |
| Hosts and Hostesses, Restaurant Lounge, and Coffee Shop (359031) | \$8.45 | \$9.00 | \$10.14 |
| First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011) | \$12.61 | \$14.76 | \$17.69 |
| Maids and Housekeeping Cleaners (37-2012) | \$8.58 | \$9.15 | \$10.32 |
| Baggage Porters and Bellhops $(39-6011)$ | \$8.46 | \$9.02 | \$10.09 |
| Concierges (39-6012) | \$10.26 | \$12.32 | \$14.44 |
| Cashiers (41-2011) | \$8.56 | \$9.17 | \$10.92 |
| First-Line Supervisors of Office and Administrative Support Workers (43-1011) | \$16.93 | \$21.96 | \$28.49 |
| Bookkeeping, Accounting, and Auditing Clerks (43-3031) | \$14.09 | \$17.13 | \$20.73 |
| Hotel, Motel, and Resort Desk Clerks (43-4081) | \$8.71 | \$9.61 | \$11.39 |
| Reservation and Transportation Ticket Agents and Travel Clerks (43-4181) | \$11.57 | \$15.28 | \$21.37 |
| Bakers (51-3011) | \$9.46 | \$12.10 | \$13.87 |
| Transportation Attendants, Except Flight Attendants (536061) | \$8.61 | \$9.23 | \$10.44 |

## Appendix A Parameters

| Code | Description |
| :--- | :--- |
| 86336 | Sedona, AZ (in Yavapai county) |
| 86339 | Sedona, AZ (in Coconino county) |
| 86340 | Sedona, AZ (in Yavapai county) |
| 86341 | Sedona, AZ (in Yavapai county) |
| 86351 | Sedona, AZ (in Yavapai county) |

## Appendix B Sources

## Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, birth and mortality rates from the US Health Department, and projected regional job growth. EMSI, Economic Modeling Inc.

## Industry Data

(1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states. U.D. Department of Labor, Bureau of Labor Statistics, Bureau of Economic Analysis, Arizona Department of Administration. EMSI, Economic Modeling Inc.

## State Data Sources

This report uses state data from the following agencies: Arizona Department of Administration, Office of Employment and Population Statistics. EMSI, Economic Modeling Inc.

## Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

## Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary
source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

## Occupation Data

Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry. EMSI, Economic Modeling Inc. EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns.

## Equifax Business-Level Data

Data for individual businesses is provided by Equifax (http://www.equifax.com/commercial/), which maintains a database of more than 20 million U.S. business entities. Note that in aggregate it will not be consistent with EMSI labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

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