

# Emerging Industries Report

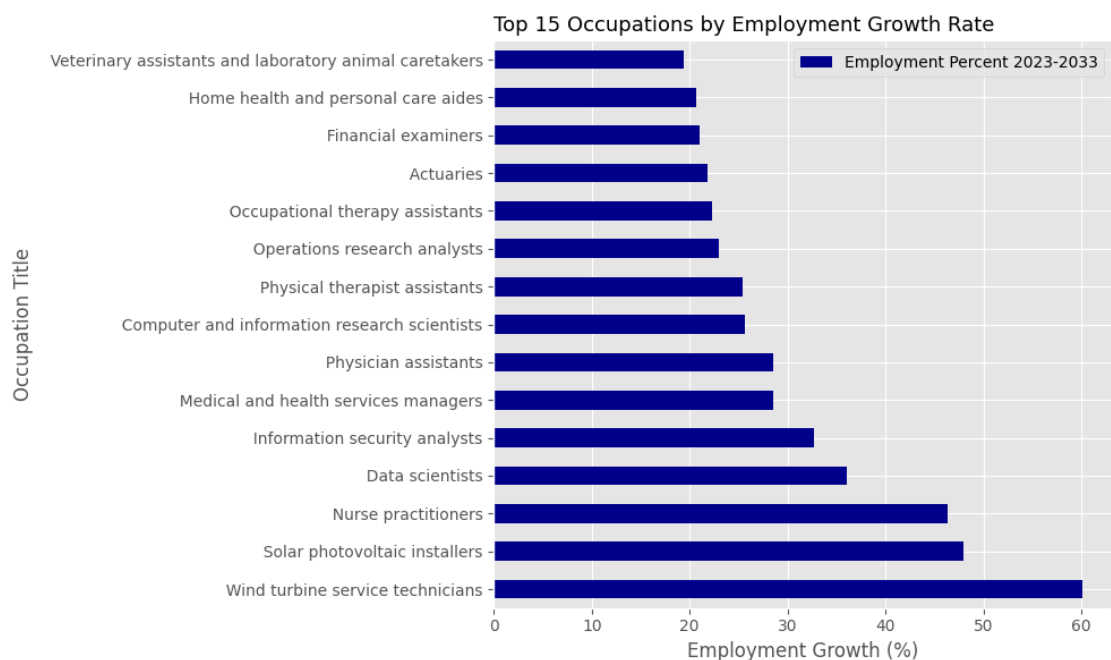
Thomas Cantu

## Finding El Paso: A New Emerging Market Part 1

### Where the U.S. Industry is Headed

To identify emerging markets in the United States, this project analyzes four key datasets: the fastest growing occupations from 2023 to 2033, occupations with the highest total job growth over the same period, industries with the fastest output growth, and industries with the largest absolute output gains. By cross-referencing occupational and industry trends, we aim to uncover areas of sustained economic momentum and workforce demand. This analysis serves as the foundation for a broader effort to determine which of these emerging markets align with the City of El Paso’s existing industry capabilities, informing strategic decisions around economic development, workforce planning, and future investment opportunities.

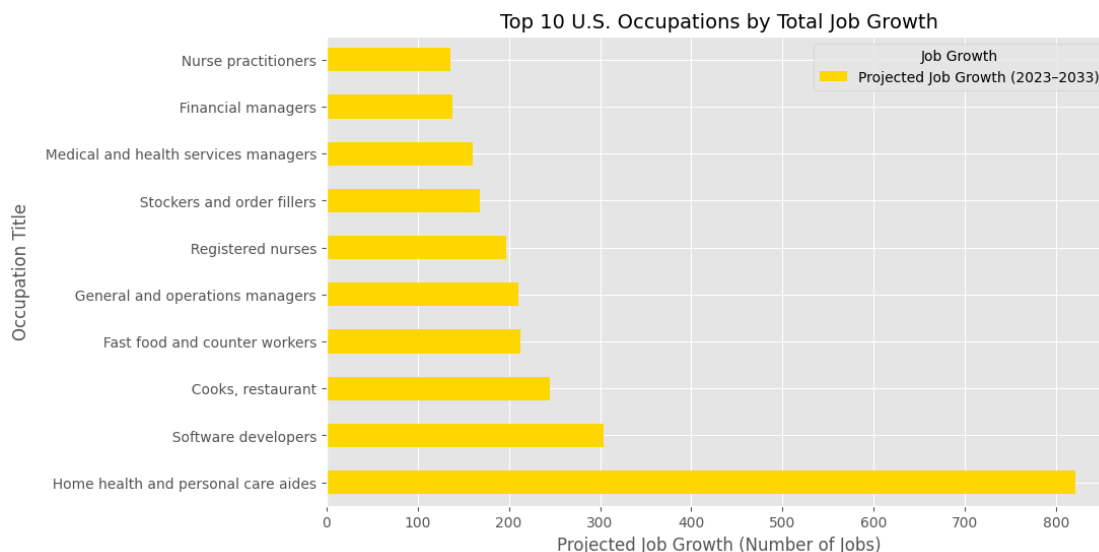
#### Top 15 Fastest Growing Occupations (by % Growth)



As can be seen above, both the wind turbine service technicians and solar photovoltaic installers reflect the rapid expansion of the clean energy sector. Other high-growth occupations include nurse practitioners, data scientists, and information security analysts, indicating continued demand in healthcare and technology. Several roles in healthcare support advanced analytics (e.g., physician assistants, medical and health

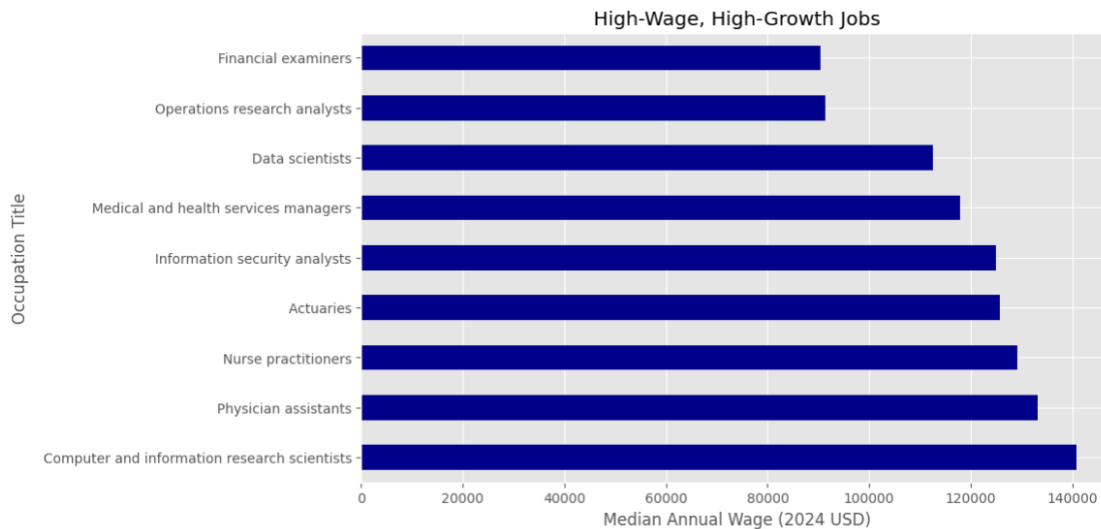
services managers, and operations research analysts) also show strong growth, suggesting a broader trend toward data-driven, tech enabled service economies.

### Top 10 Occupations by Total Job Growth



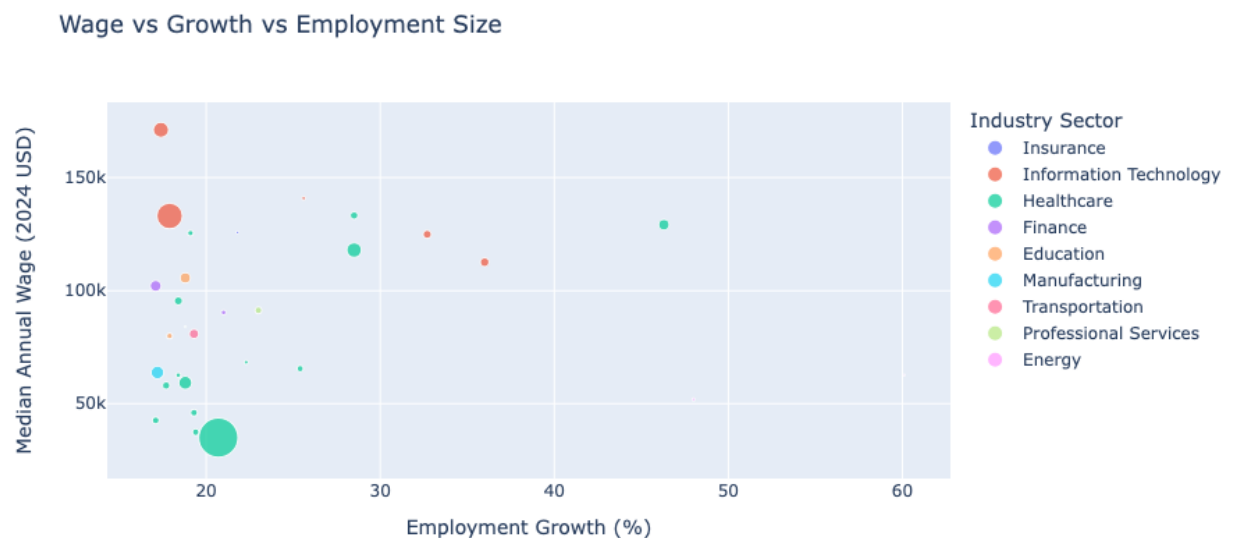
Above, a snapshot is seen of where the largest absolute employment gains are expected. Leading the list is home health and personal care aides, with over 800,000 projected new jobs highlighting the accelerating need for caregiving roles amid an aging population. Other major contributors include software developers, cooks, and registered nurses, reflecting continued growth in healthcare, hospitality, and tech driven services. This mix of high-skill and essential service occupations suggests opportunities not only in high-wage sectors, but also in foundational workforce segments that support broader economic ecosystems. For El Paso, understanding which of these roles align with the region's existing infrastructure such as medical centers, post-secondary institutions, or a growing logistics network can inform targeted investments in training programs, business attraction strategies, and incentive design to capitalize on these national labor market shifts.

### High-Wage, High-Growth Jobs



The graph shows occupations that are both rapidly expanding and offer median annual wages above \$90,000. These roles such as computer and information research scientists, physician assistants, nurse practitioners, and actuaries reflect the intersection of technological innovation, healthcare expansion, and advanced analytical capabilities. Their combination of strong demand and high earning potential marks them as especially valuable for regional economic strategy. For the City of El Paso, these roles may represent strategic targets for workforce development and higher education alignment particularly where existing institutional capacity (such as UTEP university research programs or medical infrastructure) can be leveraged to support and attract talent in these fields.

### High-Growth, High-Wage Occupations by Sector and Employment Scale

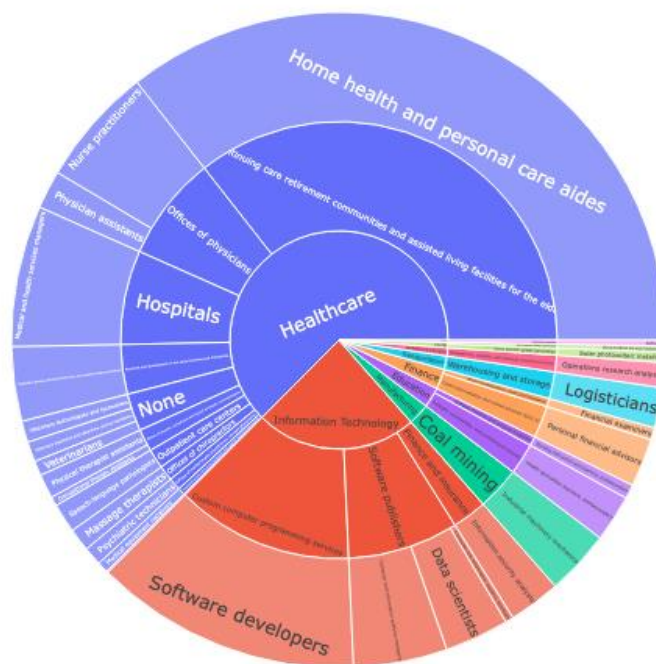


This bubble chart gives a clear look of which jobs are growing the fastest, pay the most, and already have a strong presence in the workforce. Each bubble shows an occupation—

its position tells us how fast it is growing and how much it pays, the size shows how many people already work in that job, and the color ties it to a broader industry. Tech and healthcare roles tend to land in the sweet spot of growing quickly and paying well. Some lower wage jobs, in healthcare and manufacturing, still show strong growth and big employment numbers, which means they are essential. For El Paso, this demonstrates two areas in which the city could focus: training people for high-growth, high-wage careers or by supporting the backbone jobs that keep the economy running.

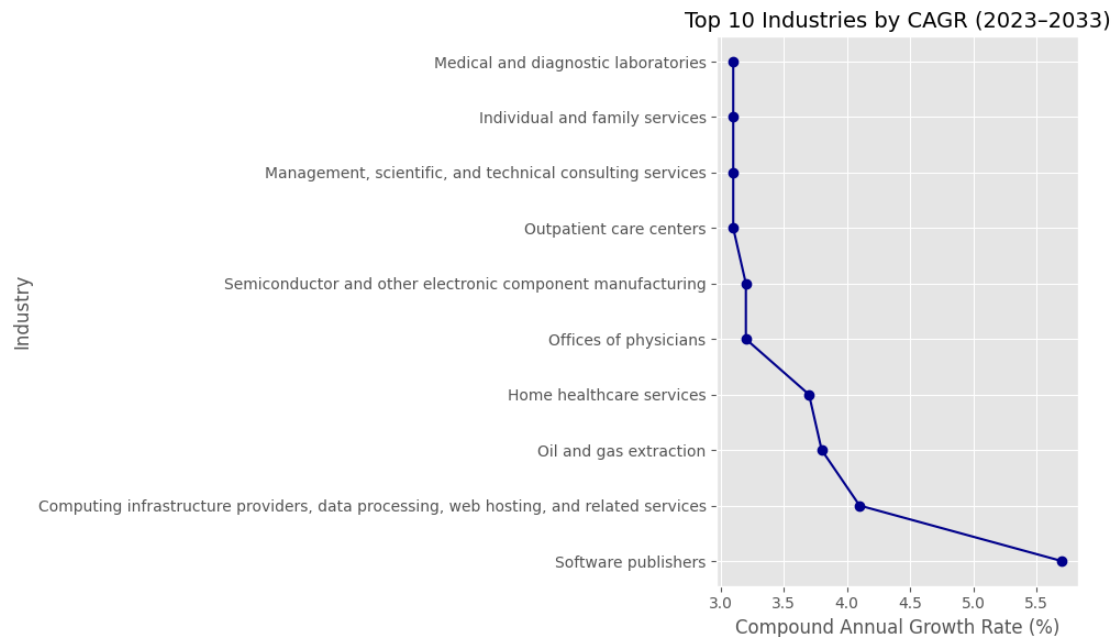
## Sector, Industry, Occupation: Job Growth Hierarchy

Sector → Industry → Occupation: Job Growth Hierarchy



Above is an overview of which sectors, industries, and occupations are driving job growth. At the center, we see broad sectors like healthcare and information technology dominating the landscape. As we move outward, we can trace those sectors into key industries like hospitals, outpatient care, or custom software development, and finally into the specific occupations fueling that growth. This layered view helps connect the dots between sector level trends and the actual jobs behind them, making it easier for El Paso to spot where local capacity might support fast-growing roles or where there is room to grow into new industries.

## Top 10 Industries by Compound Annual Growth Rate



Here is a visual of the industries expected to grow the fastest over the next decade based on their compound annual growth rates. The steep curve toward the bottom right signals a few standout sectors with strong momentum, while others show more steady, consistent growth. The presence of both service-oriented and tech-driven industries suggests that economic expansion isn't limited to one area; instead, it is spread across a range of fields. For regions like El Paso, understanding which of these industries align with local assets could help shape where to focus future development efforts.

## Conclusion

Together, these insights paint a clear picture of where the U.S. economy is headed and where local opportunities may lie. By combining occupation growth, industry expansion, and wage trends, this analysis offers a data-driven starting point for identifying markets with real potential. For El Paso, the goal is not to chase every trend, but to focus on the ones that align with the city's strengths, infrastructure, and workforce. This groundwork sets the stage for more targeted planning, helping decision-makers prioritize sectors that are both sustainable and strategic for long-term growth.

## Next Steps

The next step is to take these national insights and apply them locally by examining how they align with El Paso's existing economic base and workforce capabilities. This means identifying which high-growth occupations and industries have a natural fit with the city's current strengths, whether that is in healthcare, logistics, advanced manufacturing, or cross-border trade. From there, the focus can shift toward closing gaps through targeted workforce development, expanding training programs, and exploring incentives that attract

or grow businesses in those priority areas. By grounding future planning in both local capacity and national momentum, El Paso can position itself to compete in emerging markets while building a more resilient, future-focused economy.