HVAC TECHNOLOGY:
HEATING, VENTILATION AND AIR CONDITIONING

Employment of heating, air-conditioning, and refrigeration mechanics and installers is projected to grow as fast as the average for all occupations through the year 2021. As the population and stock of buildings grows, so does the demand for residential, commercial, and industrial climate-control systems. Concern for the environment has prompted the development of new energy-saving heating and air-conditioning systems. An emphasis on better energy management should lead to the replacement of older systems and the installation of newer, more efficient systems in existing homes and buildings. Residential HVAC systems generally need replacement after 10 to 15 years, the number of homes built in recent years will enter this replacement timeframe by 2021. Also, demand for maintenance and service work should prompt businesses and homeowners to strive to keep increasingly complex systems operating at peak efficiency. A growing number of retirements of highly skilled technicians will generate job openings. Job opportunities will be best for those applicants who have completed training from a college, a technical school or a formal apprenticeship.

Employment Information

Greater Kansas City Area: In 2016, heating, air conditioning, and refrigeration mechanics and installers held an estimated 2,067 jobs in the fifteen counties that make up the Kansas City Metropolitan Statistical Area (MSA), with 2,278 projected by 2021 (+10%).

State: Heating, air conditioning, and refrigeration mechanics and installers held an estimated 3,032 jobs in Kansas in 2016, with 3,253 jobs projected by 2021 (+7%). Altogether, 221 openings are anticipated due to the need for replacements and growth.

National: Heating, air conditioning, and refrigeration mechanics and installers held 366,032 jobs in 2016, with 391,498 jobs projected by 2021 (+7%). Approximately 25,466 openings are expected due to growth and the need for replacement workers.

Salary Information

Greater Kansas City Area: Heating, air conditioning, and refrigeration mechanics and installers employed in the Greater Kansas City area earned an average hourly wage of $25.01 in 2016.

State: Heating, air conditioning, and refrigeration mechanics and installers in Kansas earned an average hourly wage of $20.98 in 2016.

September 2017
National: Heating, air conditioning, and refrigeration mechanics and installers working full-time earned an average hourly wage of $20.83 in 2016.

JCCC Placement and Salary Information

The JCCC Office of Institutional Research conducts a follow-up study of program completers one year after completion. Eighty percent of the graduates who responded to the follow-up study conducted during 2015-16, and were employed, were employed in a related field and reported earning an average hourly wage of $24.60.

Note: Salary Information for Greater Kansas City, State, and National is based on EMSI 2016 third quarter data. JCCC information for career program completers is based on data supplied by respondents to follow-up studies and is not necessarily representative of all career program completers. Other sources: Bureau of Labor Statistics