

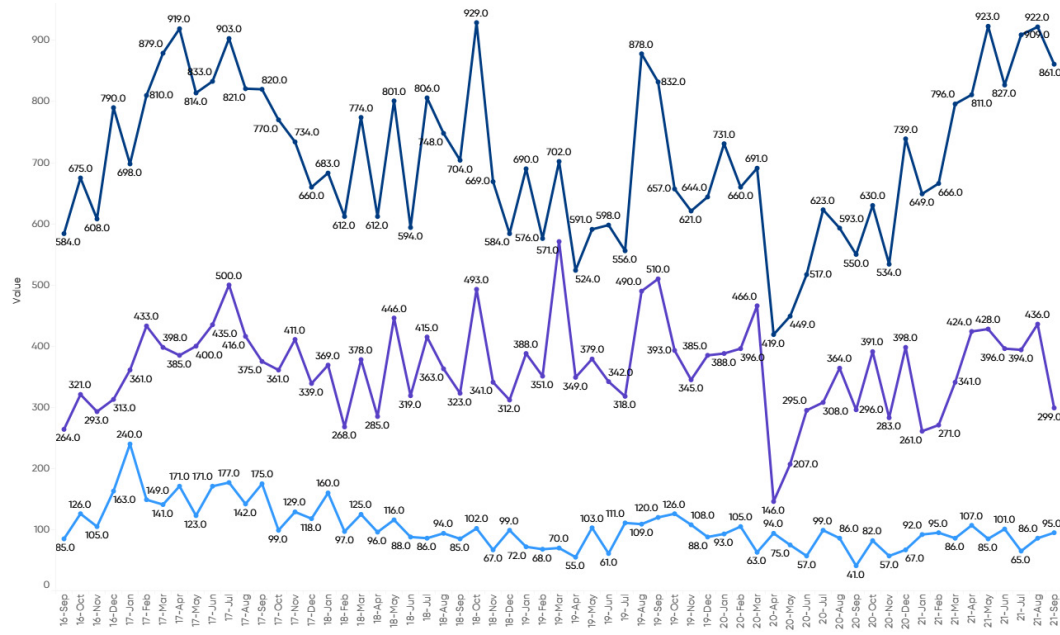
# HealthSights: Medical Technicians

July 2021 - September 2021

Data from the third quarter of 2021, including July, August and September, showed the employer demand for Medical Technician occupations in the State of Michigan remained relatively steady. There were 35 less postings (0.85 percent) during Q3 2021 than in Q2 2021, but 1,107 more postings (37.4 percent) than during Q3 2020. This suggests that demand for these occupations has risen throughout the COVID-19 pandemic, and has remained elevated. Indeed, in July 2020, during the first six months of the COVID-19 pandemic, there was a spike in the amount of demand for all medical technician occupations, and this has remained high ever since. This increase in demand is compounded by the decline in completions since 2012 (see completions graphic), resulting in a talent shortage of Medical Technician occupations across the State of Michigan.

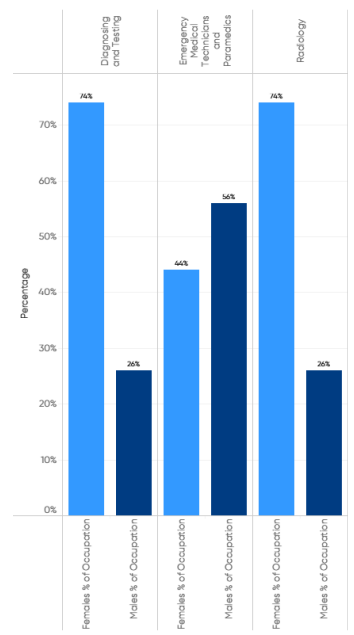
Online job postings can represent the ceiling of demand for medical technician jobs in the State of Michigan, but only if employers are actively advertising online. This results in certain jobs being overrepresented by job postings in relation to the actual number of positions available, while other jobs are underrepresented.

## Employer Demand Over Time



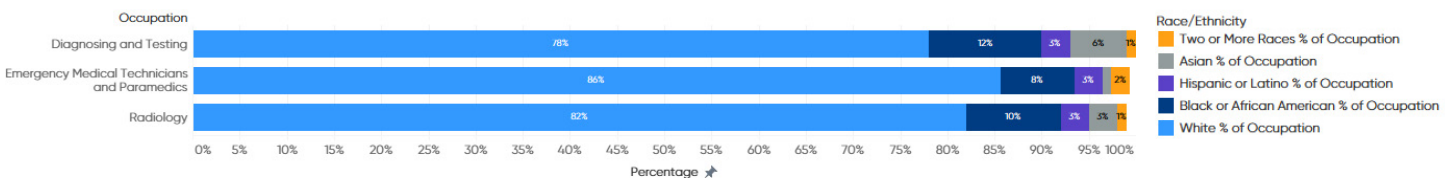
Occupation  
■ Diagnosing and Testing  
■ Emergency Medical Technicians and Paramedics  
■ Radiology

## Sex



Sex  
■ Females % of Occupation  
■ Males % of Occupation

## Race/Ethnicity



Race/Ethnicity  
■ White % of Occupation  
■ Black or African American % of Occupation  
■ Hispanic or Latino % of Occupation  
■ Asian % of Occupation  
■ Two or More Races % of Occupation

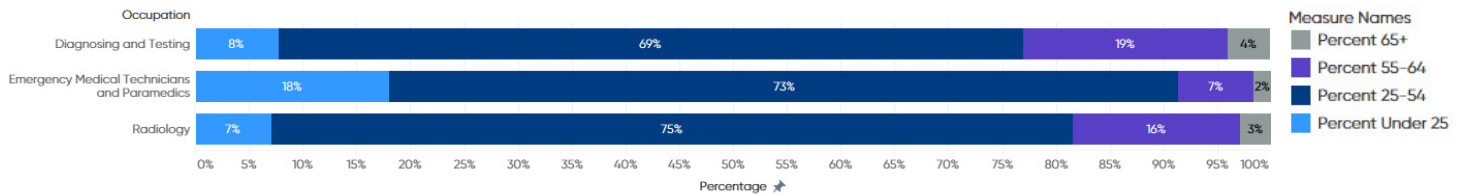
During 2020, there were 37,003 individuals working in Medical Technician occupations in the State of Michigan. 70 percent of the workforce was female, while 30 percent were male. While most of those working in Michigan were white (81 percent), African American or Black workers accounted for nine percent of the workforce. Those identifying as having a Hispanic or Latino ethnicity accounted for three percent. The majority of the workforce (74 percent) was between the ages of 25 and 54, but nearly a fifth (15 percent) were between 55-64, and may be approaching retirement.

Generally, completions for Medical Technician occupations have declined since 2012, and this may help explain the increase in employer demand.

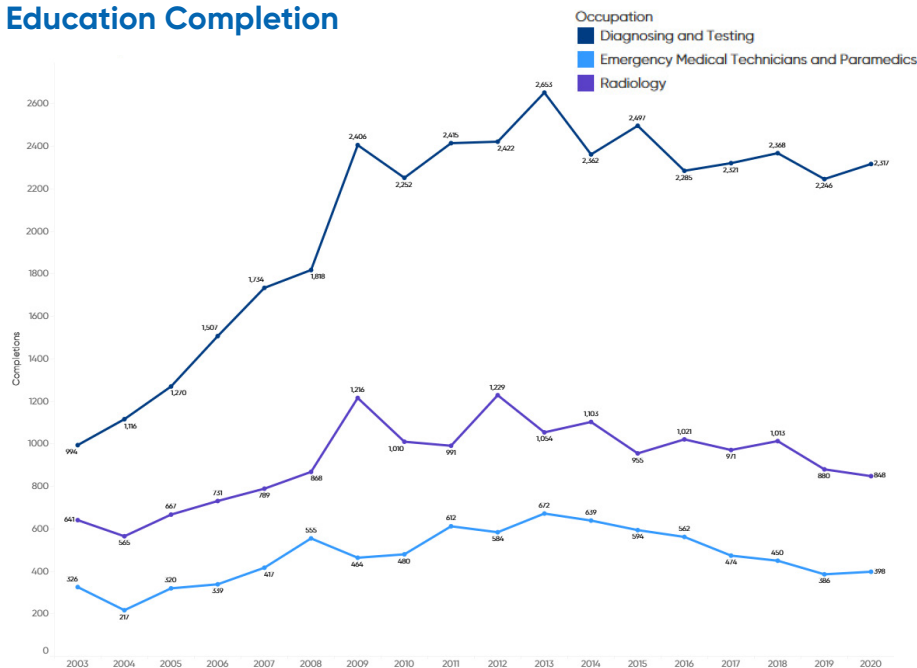
### Wages

Occupation	Pct. 10 Hourly Earnings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	Pct. 90 Hourly Earnings
Cardiovascular Technologists and Technicians	15.98	21.16	28.36	34.03	38.62
Clinical Laboratory Technologists and Technicians	14.24	17.52	25.54	32.59	37.80
Diagnostic Medical Sonographers	25.13	27.73	31.67	36.42	39.43
Emergency Medical Technicians and Paramedics	10.70	12.53	15.52	19.55	23.92
Magnetic Resonance Imaging Technologists	22.83	28.17	32.98	37.29	40.07
Nuclear Medicine Technologists	27.37	31.23	35.69	39.72	45.45
Radiologic Technologists and Technicians	20.81	24.26	28.49	32.79	37.84
Surgical Technologists	15.25	18.27	22.16	26.08	29.65

### Age



### Education Completion



### Learn More

MHC Insight provides current, actionable traditional and real-time labor market data to assist with crucial decision-making in Michigan's healthcare economy.

To request custom data and research for your organization, please contact Michelle Wein for a personalized consultation at 517-329-5879 or [michelle.wein@mhc.org](mailto:michelle.wein@mhc.org).

Source: EMSI, Analysis: MHC