



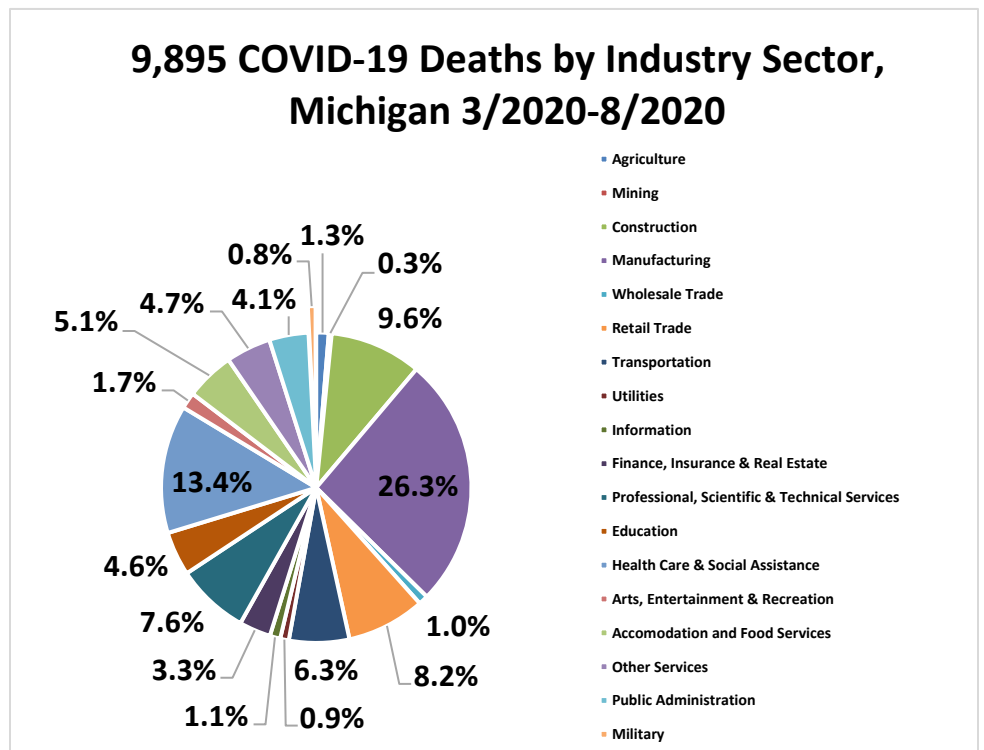
MICHIGAN STATE UNIVERSITY: Prevention of work-related injuries & illnesses through research & investigation

9/23/2022

COVID-19 PREVENTION IN THE MILITARY

COVID-19 Deaths:

In Michigan from March 2020 through August 2022, 62 individuals 25-69 years of age died from COVID-19, whose usual job was in the **Military**. The death rate for COVID-19 was 793/100,000 which was significantly greater than the COVID-19 death rate among all individuals 25-69. The **Military** had the highest death rate of any industry sector.



MIOSHA VIOLATIONS for COVID-19:

The military is not covered under Michigan OSHA regulations and therefore no inspections were performed of military facilities.

PREVENTING COVID-19 IN THE MILITARY

- **Follow all current guidance, including the COVID-19 Task Force at the White House, CDC, Health and Human Services, and Department of Defense.**
- **Ensure all service members and civilian employees remain up to date with all COVID-19 vaccine doses.**
- **Stay current with Department of Defense masking and screening testing guidelines related to CDC Community Levels.**
- **Explore ways to improve ventilation in shared spaces to reduce potential exposure.**
 - HVAC system can reduce potential exposures by maximizing the number of air changes per hour, increasing outdoor air intake, and the use and maintenance of proper filtration according to the HVAC manufacturers recommendations.
- **Follow the CDC's recommendations for cleaning and disinfecting surfaces and equipment.**
 - When using cleaners and disinfectants, use products approved by the EPA for COVID-19 (<https://cfpub.epa.gov/wizards/disinfectants/>) and in accordance with the manufacturer's instructions. Do not overuse, mix different products, or mix in concentrations beyond those recommended by the manufacturer.
 - Individuals performing cleaning and disinfecting tasks should have proper training on the hazards of working with these chemicals and follow the manufacturers recommendations on the use of personal protective equipment such as gloves, eye/face protection, and respiratory protection. These chemicals can cause or aggravate asthma.

DID YOU KNOW?

- Respiratory protection is given what is called an assigned protection factor (APF). The APF relates to the level of protection the respiratory protection provides when used properly. A cloth mask provides a 2 fold protection, a cloth mask on top of a procedure mask provides 7-fold, a N-95 and half mask respirator both provide 10 fold, PAPR 25 fold, full facepiece 50 fold, and a full facepiece supplied air or air tank 1,000 to 10,000 fold protection.
- COVID-19 infection occurs: 1) when you breathe in air from an infected person; 2) after an infected person coughs or sneezes and these droplets land on your eyes, nose, or mouth; and 3) touching your eyes, nose, and mouth with your hands that have the virus on them.
- Individuals who have been infected by COVID-19 are less likely to get sick from a future COVID-19 infection if they get vaccinated.
- Air purifiers are more effective when in the breathing zone, i.e. on a person's workstation, and the filter cover is removed than when placed on the floor.

Resources

NIOSH:

https://www.cdc.gov/niosh/emres/2019_ncov_default.html

CDC:

[Coronavirus Disease 2019 \(COVID-19\) | CDC](#)

Military OneSource:

[COVID-19, Coronavirus Info for the Military](#)