

Points Of Pride

	Earned Credit	Credit Available
Credit for Fire Department	41.83	50.00

The Madison Fire Department received high marks for:

- **Pumper Capacity (3.00/3.00).** To achieve full credit in this category, a fire department should provide a basic flow of 3,500 gallons per minute at a structure fire.

When dispatched to a working structure fire, the Madison Fire Department provides four fire engines capable of flowing 1,250 gallons per minute each and two ladders capable of flowing 1,500 gallons per minute each, totaling 8,000 gallons per minute.

- **Deployment Analysis (7.87/10.00),** which examines the number and adequacy of existing engine- and ladder-service companies to cover built-upon areas of the city. MFD currently has 11 engine companies and 5 ladder companies serving 13 fire stations across Madison.

Additionally, Deployment Analysis credits the department for its ability to meet the time constraints set by NFPA 1710 for initial engine arrival and full-alarm assignment at structure fires.

- **Company Personnel (12.11/15.00)** reviews the average number of firefighters and company officers available to respond to reported structure fires in the city. For single-alarm fires in the city, MFD sends four engine companies, two ladder companies, two medic units, and the Command Car, providing a total of 30 personnel on scene. MFD also received credit in this category because its ambulances are staffed with firefighters who participate in firefighting activities.
- **Training (9.00/9.00)** looks at facilities and use, company training, classes for officers, driver/operator training, hazardous materials training, recruit training, and pre-fire planning inspections. With fulltime staff dedicated to providing ongoing fire, EMS, and special teams training to personnel in all corners of the department, MFD received full credit in this category.
- **Operational Considerations (2.00/2.00).** The Madison Fire Department has well-established standard operating procedures and incident management systems pertaining to structure fires, around which all personnel are trained.

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	Earned Credit	Credit Available
Water Supply	37.51	40.00

The Madison Water Utility's continued success in the ISO report reflects its unwavering commitment to fire protection. MWU received credit for:

- **Supply System (27.53/30.00)**
- **Hydrants (3.00/3.00)**
- **Inspection and Flow Testing (6.98/7.00)**

Protecting our community from fires has always been a critical mission for Madison Water Utility. Not only does the utility inspect and maintain all 8,231 of Madison's fire hydrants, it's also invested more than \$25 million over the last five years in improving fire flow and providing redundant supply across the city.

Major projects in Arbor Hills, Cherokee Park, and Sunset Hills have enhanced fire protection infrastructure for those neighborhoods with new water pump stations and high-capacity water mains. Rebuilding the 1930s-era Well 7 and Lake View Reservoir on the north side also means more pumping capacity and water storage to fight a major fire.

In 2018, Madison Water Utility will complete two more major fire protection projects that are currently underway – a [new municipal well facility](#) on Madison's southeast side and a [one million-gallon water tower](#) to serve the far west side.

	Earned Credit	Credit Available
Emergency Communications	9.47	10.00

Ten percent of Madison's overall score is based on how well the communications center receives and dispatches fire alarms. The Dane County Public Safety Communications Center received credit for:

- **Emergency Reporting (3.00/3.00)**
- **Telecommunicators (3.92/4.00)**
- **Dispatch Circuits (2.55/3.00)**