



UNIFIED FIRE AUTHORITY

MEMORANDUM

25-158

September 5, 2025

TO: All Personnel
FROM: Division Chief Ayres
SUBJECT: 2024 CARES Report

The Cardiac Arrest Registry to Enhance Survival (CARES) records and analyzes cardiac arrest and resuscitation data from EMS providers nationwide. This data is taken directly from patient care reports submitted by Unified Fire Authority to the State of Utah. The purpose of this registry is to provide a tool “to compare patient populations, interventions, and outcomes with the goal of identifying opportunities to improve quality of care and ascertain whether resuscitation is provided according to evidence-based guidelines.”

A couple of items that the EMS Division would like to highlight:

- UFA’s **Utstein Bystander Survival Rate in 2024 was 51.6%**.
 - ‘Utstein Survival’ and ‘Utstein Bystander Survival’ are specific metrics used to compare survival rates across different types of systems. These metrics identify the rate of survival amongst those patients who have suffered a potentially survivable cardiac arrest and exclude those patients who likely suffered a non-survivable arrest and for whom interventions were likely futile.
 - ‘**Utstein Survival**’ refers to patients with witnessed arrest found in a shockable rhythm (VF or VT)
 - ‘**Utstein Bystander Survival**’ refers to the subset of those patients who also received some sort of bystander intervention prior to EMS arrival. (bystander CPR and/or AED placement & use).
 - These data show that just under 52% of the cardiac arrest patients treated by UFA who witnessed cardiac arrest, received bystander interventions, and were found to be in v-tach or v-fib on initial rhythm check, were discharged alive from the hospital.
 - This is a *phenomenal* rate of survival, both when compared to other systems in Utah and across the United States.
- UFA’s Utstein Survival rate was 44.2%, 1.4% higher than the average across Utah and nearly 11% higher than the national rate.
- UFA’s overall cardiac arrest survival rate over the same time period was 16.7% which is higher than the overall rate for all agencies in the State of Utah (14.1%) and nationally (10.5%).

The results of this report are a testament to the dedication of all UFA EMS providers to meet UFA's mission of saving lives with professionalism, courage, and dedication.

Attached to this memo is UFA's CARES survival report for cardiac arrests that occurred between January 1, 2024, and December 31, 2024. Additional CARES reports and data can be found in the file center in LMS.

Please reach out to Division Chief Ayres (rayres@unifiedfire.org) with any specific questions about CARES data or UFA's resuscitation/cardiac arrest performance.