



COYOTE CRISIS COLLABORATIVE

The Annual Report to the Community — 2020 —

Coyote Crisis Collaborative is a multi-disciplinary preparedness network supporting robust healthcare and other community sector emergency management programs. A spectrum of leaders from diverse areas of emergency preparedness and response collaborate, learn from, and challenge one another in developing preparedness capabilities linked to assessment, planning, communications/situational awareness, training, and exercises. The mission of the Coyote Crisis Collaborative is to provide tools, training, resources, and information to facilitate continuous improvement in community disaster preparedness, mitigation, response, and recovery.



Chief Tom Shannon (Chair)
Scottsdale Fire Department

Letter from the Chair

The past year has challenged the world with an unprecedented disaster, unparalleled illnesses and deaths, and exceptional resource limitations. **COVID-19 has altered the way we do business in the disaster arena.** I want to take this opportunity to thank each of our board members and partners for their heroic efforts.

It merits mentioning that, in 2007, in conjunction with the Arizona Department of Health Services (ADHS), the Collaborative conducted a pandemic flu exercise. Northern Command developed a video establishing the framework for the opening ceremonies. MathEcology, a situational data consort at Arizona State University (ASU), generated the following data for all partners to plan and execute the exercise:

- 30%** infection rate for the general population,
- 40%** infection rate for school-aged children,
- 20%** infection rate for working adults,
- 2.5%** mortality rate of those infected,
- 40%** of all labor force not showing up to work, and
- 6-week** pandemic “waves.”



As a result of the 2007 Coyote Crisis Campaign, an article was published about the exercise, including recommendations for development of county “Health-related Emergency Operations Centers” or “Medical Coordination Centers” for pandemic planning. This was subsequently published in the American Journal of Disaster Medicine, Volume 4, Number 2, March/April, 2009.

Coyote Crisis Collaborative (the Collaborative) will soon celebrate 20 years of work and 10 years as a nonprofit organization serving the state of Arizona. The Collaborative has changed dramatically since its inception as a civilian-military partnership. This year, however, we return to our roots with the launching of a new civilian-military effort designed to improve outcomes and reduce loss of life during mass casualty incidents in Arizona. This state offers significant diversity in terms of climate and geographical terrain, some of which is austere and difficult to reach. Through joint work, the project will explore accelerated and optimal response, again establishing a new model for the nation.

This will be my final year as the Chair of the organization, as I have accepted the President’s role in the Arizona Fire Chief’s Association. There have been only three chairs of the Collaborative (Wendy Lyons and Dave Kempson serving before me), and I am honored to be distinguished as one of these leaders. I will continue to participate in the organization because of the exemplary alliances afforded. Thank you to the Arizona Department of Health Services for the foresight to sponsor this organization and the accomplishments achieved.

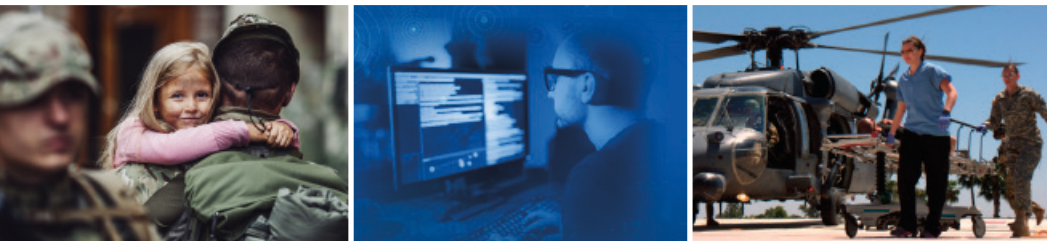
Key Accomplishments

Some of the achievements of the Collaborative are listed below in celebration of our many years of service to the community.

- › Support for the Coyote Crisis Region IX medical exercise, which triggered the formation of the Collaborative.
- › Creation of four family reunification planning guides, which have been used as templates across the country; the Hospital Reception Site Planning Guide serves as the foundation for a western state pediatric template.
- › Integration of hospitals into state threat analyses, separating the healthcare organizations from public health as unique companies meriting inclusion. This achievement was enacted in discussions with ADHS and the Arizona Department of Homeland Security.
- › Development of two health care coalitions (tribal and pediatric, led by partners from across the state), fiscal management of five health care coalitions, and the coordination and conduct of the first joint health care coalition conference in the state.
- › Creation of the Active Shooter Action Video for all schools across Arizona (a password protected training remarked upon by NPR and used by states across the nation).
- › Planning and completion of the largest pediatric disaster conference in the United States (this launched the National Pediatric Disaster Committee and the Western Pediatric Preparedness Partnership).
- › Maturation of a strategy for alerting hospitals of mass casualty incidents early to enable hospitals to prepare for a mass casualty incident (a key finding among all lessons learned in disasters as reflected by speakers noted below).
- › Development of the Significant Event Readiness Forums (SERFs) and Targeted Event Readiness Forums (TERFs) to address the most challenging threats in regions across the state (the innovation merges tabletops and training in a closed setting to generate a non-threatening environment for open discussions among key leaders; no plans are tested), including:
 - Three wildfires simultaneously occurring the northern region,
 - Bombing of the University of Arizona stadium,
 - Flooding on the Colorado River (conducted with the Bureau of Land Management),
 - Cyber security,
 - Developmental disabilities, and
 - Behavioral Health.



Key Accomplishments *(continued)*



- ▶ Administration and coordination of the state task force on fatality management, generating multiple guidance documents for the state.
- ▶ Planning for distribution of equipment to Emergency Medical Services across the state, including tribal partners (COVID-19 and mass casualty response).
- ▶ Introduction of training programs, hosting national and international speakers representing all sectors of the community. Topics have included the following, although this is not exhaustive listing:

- Columbine high school shooting,
- Murrah building bombing,
- Gabby Gifford shooting incident,
- Aurora (Harkin's Theater) shooting,
- Joplin tornado,
- Texas fertilizer plant explosion,
- Superstorm Sandy,
- Boston Marathon bombings,
- Texas Thanksgiving day collision,
- Cyber security issues,
- Ebola,
- Pandemic flu,
- San Bernadino shooting,
- Hurricane Rita,
- Westbrook High School Soccer Team bus accident,
- Israeli bombings,
- Sayre wildfire evacuations,
- Utoya (Norwegian) shootings,
- Hurricane Katrina,
- Ariana Grande concert shooting in Manchester,
- Haiti earthquake,
- Pulse shooting,
- Yarnell fire,
- Las Vegas shooting,
- Stoneman Douglas high school shooting,
- Case (Paradise) wildfire,
- Australian mega-wildfires,
- El Paso shooting, and
- Oregon wildfires.

Every event the Collaborative hosted has garnered outstanding accolades and reviews by those in attendance. Evaluations demonstrate intentions by Arizona leaders to identify gaps and risks, alter disaster planning, and provide remediation, and recovery.

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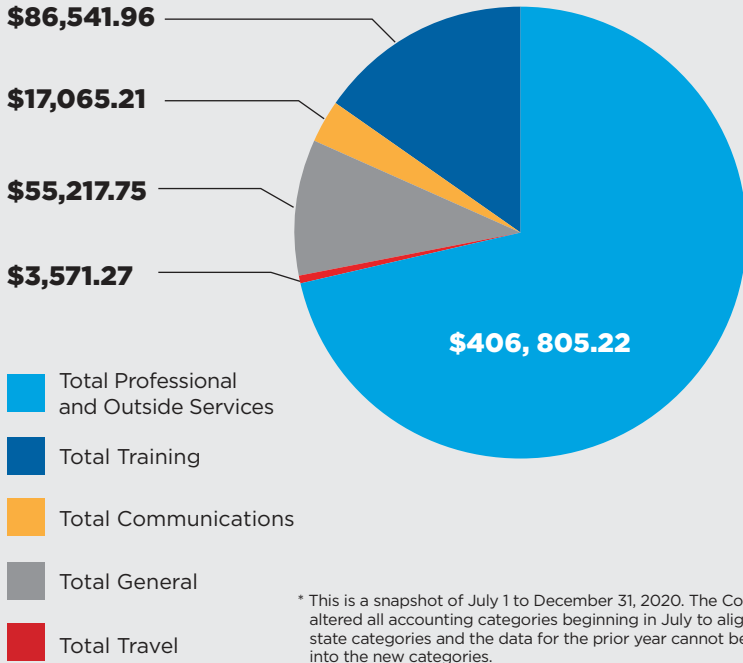
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Representation for Expenses of Operation



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COLLABORATIVE**

For more information on the organization, please visit
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