

2024 Crash Responder Safety Week Observance & Traffic Incident Management Training

AEMS Rural EMS Summit
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2023 Urban vs. Rural Crash Comparison

2023 Urban vs. Rural Fatal & Injury Crash Comparison						
Crash Severity	Urban Crashes		Rural Crashes		Total Crashes	
	Count	% All	Count	% All	Count	%
All Crashes*	105,356	86.2%	16,891	13.82%	122,247	100%
Fatal Crashes	802	0.66%	395	2.34%	1,197	0.98%
Injury Crashes	31,705	25.94%	5,370	31.79%	37,075	30.33%

Rural Fatal Crashes are 3.55 Times Higher Than Urban Fatal Crashes

Rural Injury Crashes are 1.23 percentage points higher than Urban Injury Crashes

** Crash Data Excludes Property Damage Only Crashes*

2024 Crash Responder Safety Week Theme



**“Responders Ahead!
Reduce Your Speed
As You Proceed”**

What is Traffic Incident Management (TIM) & Training?



<https://www.youtube.com/watch?v=dUH3I3QIv2U&t=154s>

Why is TIM Training Important?

ARIZONA STRUCK-BY DEATHS (2017 – JULY 7, 2024)								
DISCIPLINES	On-Duty Deaths			Off-Duty Deaths			Combined On/Off Duty	
	Count	%	% All Deaths	Count	%	% All Deaths	Count	%
Law Enforcement	5	63%	71%	2	100%	29%	7	70%
Fire/EMS	0	0%	0%	0	0%	0%	0	0%
Towing/Recovery	2	25%	100%	0	0%	0%	2	20%
DOT/State Service Patrol	1	13%	100%	0	0%	0%	1	10%
Mobile Mechanic	0	0%	0%	0	0%	0%	0	0%
TOTALS	8	100%	80%	2	100%	20%	10	100%

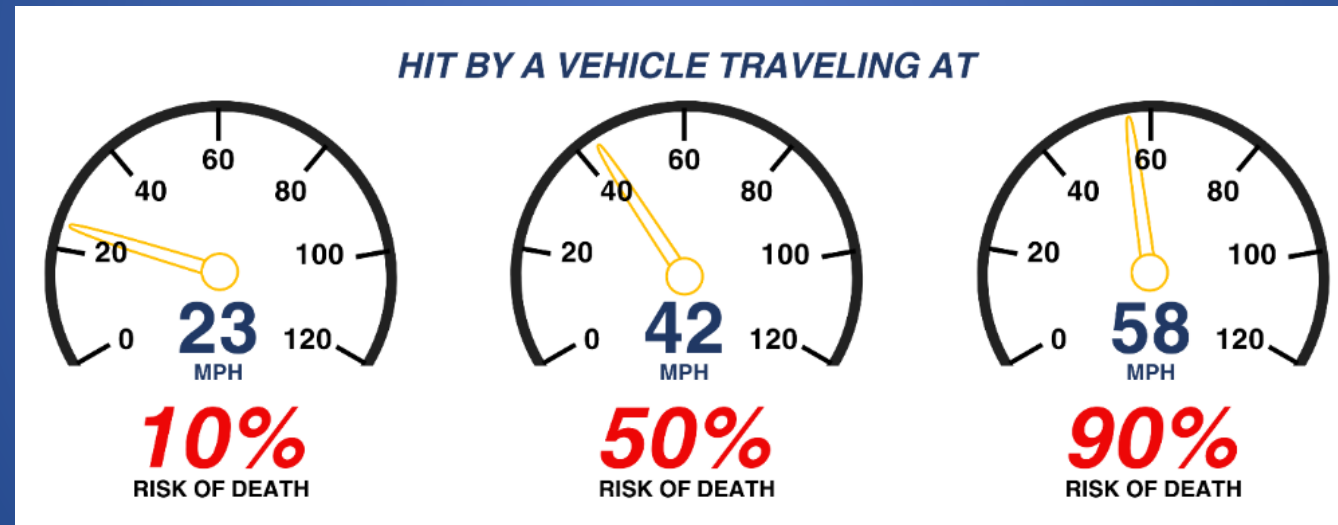
NATIONWIDE HIGHWAY FIRST RESPONDER STRUCK-BY DEATHS (2017 – JULY 7, 2024 YTD)								
DISCIPLINES	On-Duty Deaths			Off-Duty Deaths			Combined On/Off Duty	
	Count	%	% All Deaths	Count	%	% All Deaths	Count	%
Law Enforcement	105	40%	95%	6	40%	5%	111	40%
Fire/EMS	35	13%	80%	9	60%	20%	44	16%
Towing & Recovery	102	39%	100%	0	0%	0%	102	37%
DOT/State Service Patrol	11	4%	100%	0	0%	0%	11	4%
Mobile Mechanic	11	4%	100%	0	0%	0%	11	4%
TOTALS	264	100%	95%	15	100%	5%	279	100%

Why is TIM Training Important?

ARIZONA NON-FATAL STRUCK-BY CRASHES (2018-2023)							
DISCIPLINES	2018	2019	2020	2021	2022	2023	Total
DOT Worker	2	1	1	2	1	3	10
EMS	1	0	0	0	5	3	9
Fire	1	1	0	4	4	3	13
Fire, EMS	0	1	1	0	0	1	3
Fire, EMS, Towing	0	0	0	0	0	2	2
Law Enforcement	1	9	4	12	19	17	62
Law Enforcement, EMS	0	0	1	0	0	0	1
Law Enforcement, Fire	0	2	0	5	2	2	11
Law Enforcement, Fire, EMS	0	1	0	0	0	0	1
Law Enforcement, Fire, EMS, Towing	0	0	1	0	1	1	3
Law Enforcement, Fire, Towing	1	0	0	2	0	0	3
Law Enforcement, Fire, Towing, DOT Worker	0	0	0	0	1	0	1
Towing	0	1	0	2	2	2	7
TOTAL	6	16	8	27	35	34	126

First Responder Frequency Exposure Risk

- ADOT Recorded 272,130 Injury/Fatal Crashes (2017-2023)
- ADOT Recorded 38,272 Injury/Fatal Crashes in 2023
- 38,272 Crashes x 7 First Responders/Crash = 267,904 Responders at Risk



Arizona TIM Training Status by Responder Discipline

Arizona TIM Training Status by Responder Discipline (As of 7-29-24)				
Discipline	Basic TIM	TtT Course	Combined	Percent
Law Enforcement	3,013	92	3,105	29%
Fire/Rescue	2,450	128	2,578	24%
EMS	489	15	504	5%
Transportation	2,006	59	2,065	19%
Towing/Recovery	1,890	45	1,935	18%
Other Disciplines	489	5	494	5%
Total Trained	10,337	344	10,681	100%

Rural EMS Agencies CRSW Support

- Promote TIM Training to EMCTs
 - Live Virtual Webinar (11/13/24)
 - Online TIM Course
 - Schedule In-Person TIM Courses
 - EMS Agencies Staff TIM Instructors to Train EMCTs In-House



What is Traffic Incident Management (TIM)

Traffic Incident Management (TIM) is a Federal Highway Administration (FHWA) FREE 4-hour course that trains emergency responders to work under a multi-disciplinary Unified Command structure to safely detect, respond to, and clear traffic incidents. TIM safely and quickly restores traffic flow that reduces the impacts of traffic incidents, improves the safety of motorists, crash victims, and emergency responders, and reduces the frequency of secondary crashes.

Why is TIM Important

National & Arizona First Responder Fatal Struck-By Incidents

The Arizona Department of Transportation (ADOT) recorded 272,130 injury/fatal crashes from 2017-2023 (7,225 and 264,905 respectively). ADOT recorded 38,272 injury/fatal crashes in 2023 alone, placing first responders at risk of being struck-by and killed/injured by passing motorists.

The Responder Safety Institute recorded a combined total of 279 first responders have been stuck-by and killed from 2017 - July 7, 2024.

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What TIM Includes

Responders learn TIM Fundamentals, Terminology, Notification/Scene Size-Up, Safe Vehicle Positioning, Scene Safety, Command Responsibilities, Traffic Management, Special Circumstances (e.g., hazmat), Clearance and Termination.

TIM Training is recommended by the ADHS/Bureau of EMS & Trauma System for continuing education (for NREMT hours, enter "FHWA" under "Sponsor/Certificate Issuer" field, and "State EMS Office," field)

TIM training options: [Live In-Person](#) or [Live Virtual Webinar](#), Online Course (FEMA/[National Highway Institute](#))

Further Information

Find or schedule a FREE TIM course at the AZ TIM Website at: <https://tim.az.gov/home>.

Please contact Dr. David J. Harden, JD, BHsc, NREMT, at david.james.harden@azdhs.gov or 602-370-5428.

Moving Forward for CRSW Support

THANK YOU

Contact:

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