

# Annual Report FY2019



Center for  
Domestic  
Preparedness



FEMA



TEXAS A&M ENGINEERING  
**TEEX**  
EXTENSION SERVICE  
National Emergency  
Response and Recovery  
Training Center



**NDPTC**  
NATIONAL DISASTER PREPAREDNESS  
TRAINING CENTER  
at the University of Hawaii

New Mexico Tech  
**EMRTC**



# Our Chairman



Greetings,

It gives me great pleasure and pride to provide you with the 2019 Annual Report of the National Domestic Preparedness Consortium (NDPC), the Nation's premier training provider for first and other responders.

As we reflect on 2019, what should certainly resonate are three disparate types of challenges that tested our collective resolve and resilience; specifically, the spate of active shooter/attacker incidents, wildfires, and ransomware attacks on a number of municipalities across the nation.

These events coupled with our collaborative efforts to formulate and operationalize doctrine and training in areas related to recovery from natural and other disasters and human caused incidents underscore the relevance of the NDPC.

Working in partnership with federal, state, local, territorial, tribal entities and the various national and international first and other responder organizations, the aforementioned events underscore the need for continued collaboration and dialogue. In addition, the NDPC's purpose driven partnerships with the Rural Domestic Preparedness Consortium (RDPC) and the National Cybersecurity Preparedness Consortium (NCPC) represents "value added" to the national preparedness efforts of our various DHS/FEMA entities.

In closing, as I approach the end of my chairmanship in July of 2020, I fondly reflect on the many professional relationships and friendships we have forged. More importantly, rest assured the leadership of the NDPC stands steadfast and is totally committed to building and sustaining a culture of national preparedness and resilience.

Sincerely,

A handwritten signature in black ink that reads "Al Davis".

Al Davis  
Colonel, U.S. Marine Corps (Retired)  
Chairman

NDPC

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# Mission, Vision & Values





# Our Mission & Vision

The NDPC, along with the FEMA Emergency Management Institute, the Center for Homeland Defense and Security at the Naval Post-Graduate School, and the Rural Domestic Preparedness Consortium, is the principal means through which the Directorate identifies, develops, tests, and delivers training to state and local emergency responders.

Since being established by Congress in 1998, the NDPC's impact on national preparedness has been substantial. The NDPC has conducted training in all 50 states and each U.S. territory. This training has benefited more than 3,139,408 people since 1998. This year the consortium trained 197,143 emergency responders from state, local, territorial and tribal government agencies. The consortium applies its expertise in academics, curriculum development, and instructional techniques to produce training programs that address the most urgent needs of the emergency response community.

The mission of the NDPC is to enhance the preparedness of federal, state, local, territorial and tribal emergency responders/first receivers and teams, including non-governmental organizations and the private sector, to reduce the Nation's vulnerability to incidents involving weapons of mass destruction, terrorism, and all-hazard high-consequence events by developing, delivering, and assessing plans, training, technical assistance, and exercises.

The vision of the NDPC is to remain recognized as a professional alliance of premier national institutions and organizations whose work increases the Nation's preparedness, resilience, safety, and security through teaching, training, exercises, technical assistance, and research.

## Values

### Integrity

We hold ourselves to the highest standards of professional ethical behavior.

### Service

We devote ourselves to ensuring that America's preparedness needs are met in a responsible manner.

### Excellence

We constantly and consistently strive to exceed all expectations.

### Teamwork

We believe that the best results are achieved through collaborative, focused efforts.

*Leadership*

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# Chairman & Executive Directors



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## **Forrest Wieder**

**Security and Emergency  
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**Tony Russell**

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NDPC

# FY 2019 Appropriations

**Establishment. 6 USC 1102.**

The National Domestic Preparedness Consortium duties as established and authorized are to identify, develop, test and deliver training to state, local, territorial and tribal emergency response providers; provide on-site and mobile training at the awareness, performance and management and planning levels; and facilitate the delivery of training by the training partners of the Department of Homeland Security.

**The FY 2019 appropriation of \$101,000,000 allows the NDPC to help communities prevent, respond to, and become resilient to natural and man-made disasters.**

**\$101** FY 2019  
Appropriation

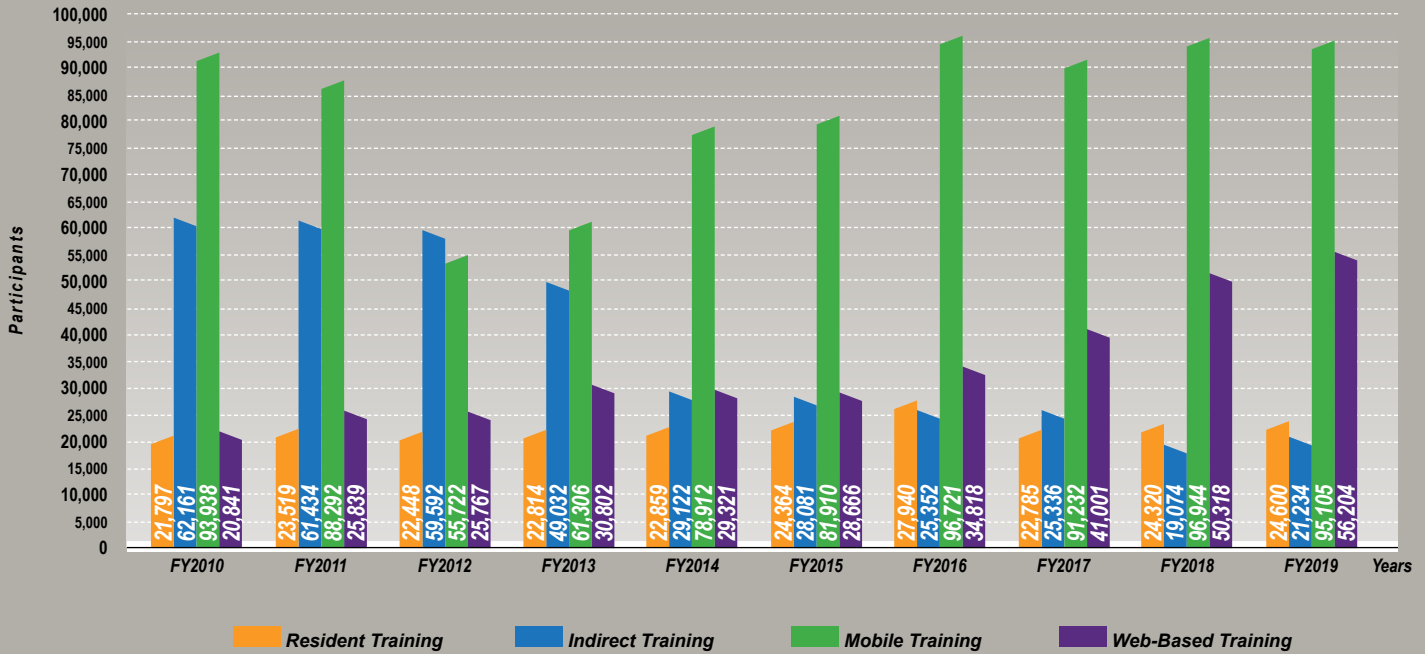
over  
**3.13**  
Million  
*Trained First Responders Since 1998*



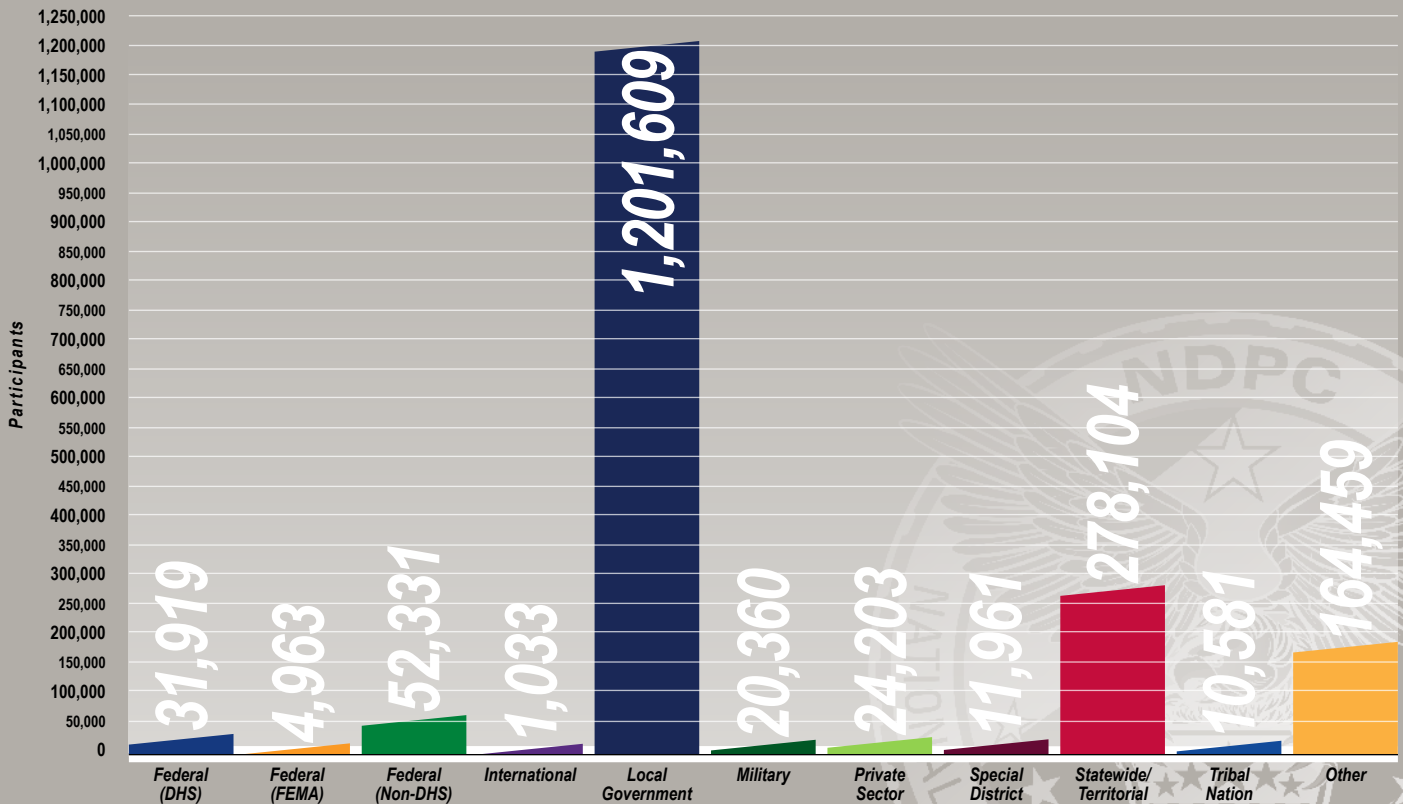


# Participants Trained in the Last 10 Years

Participants by FY

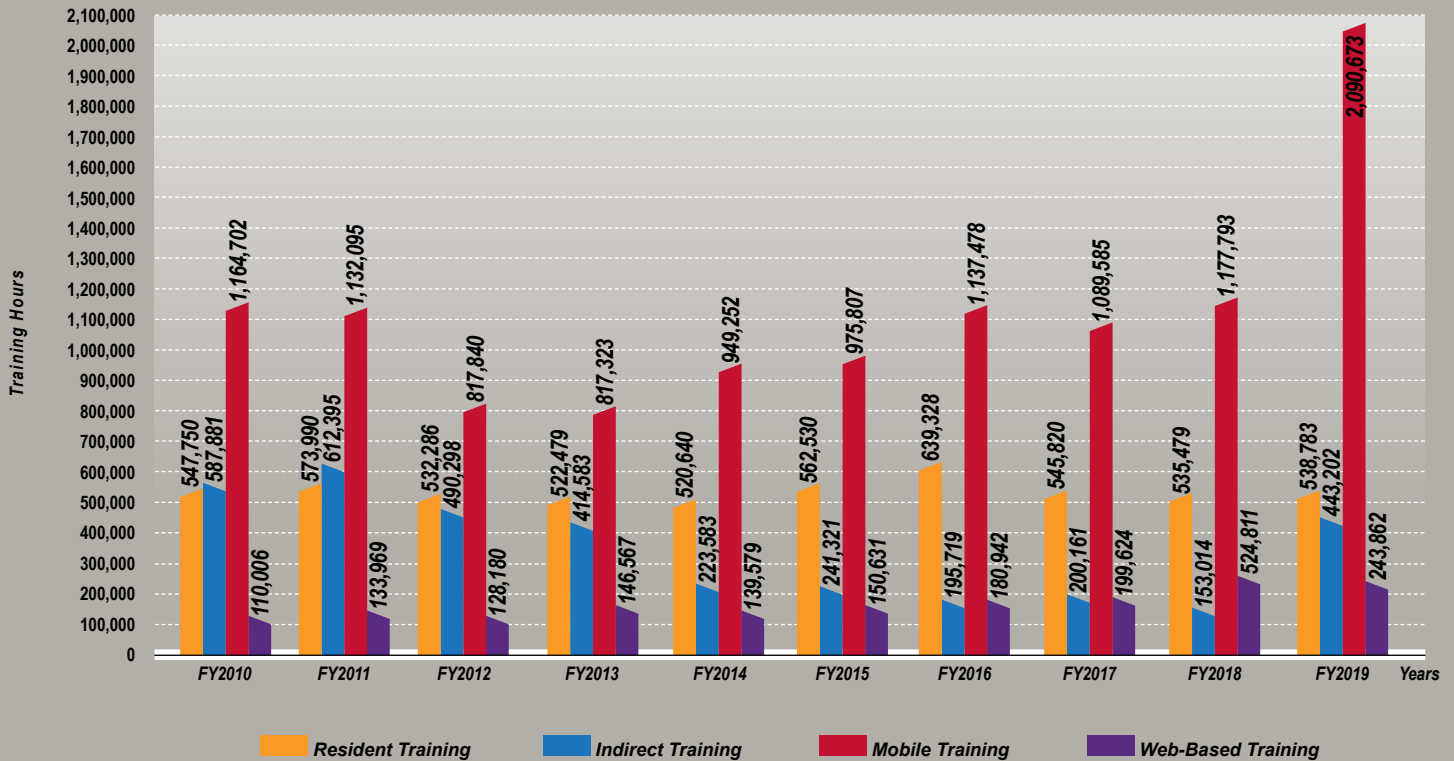


# Participants by Level of Government FY 2010 - FY 2019

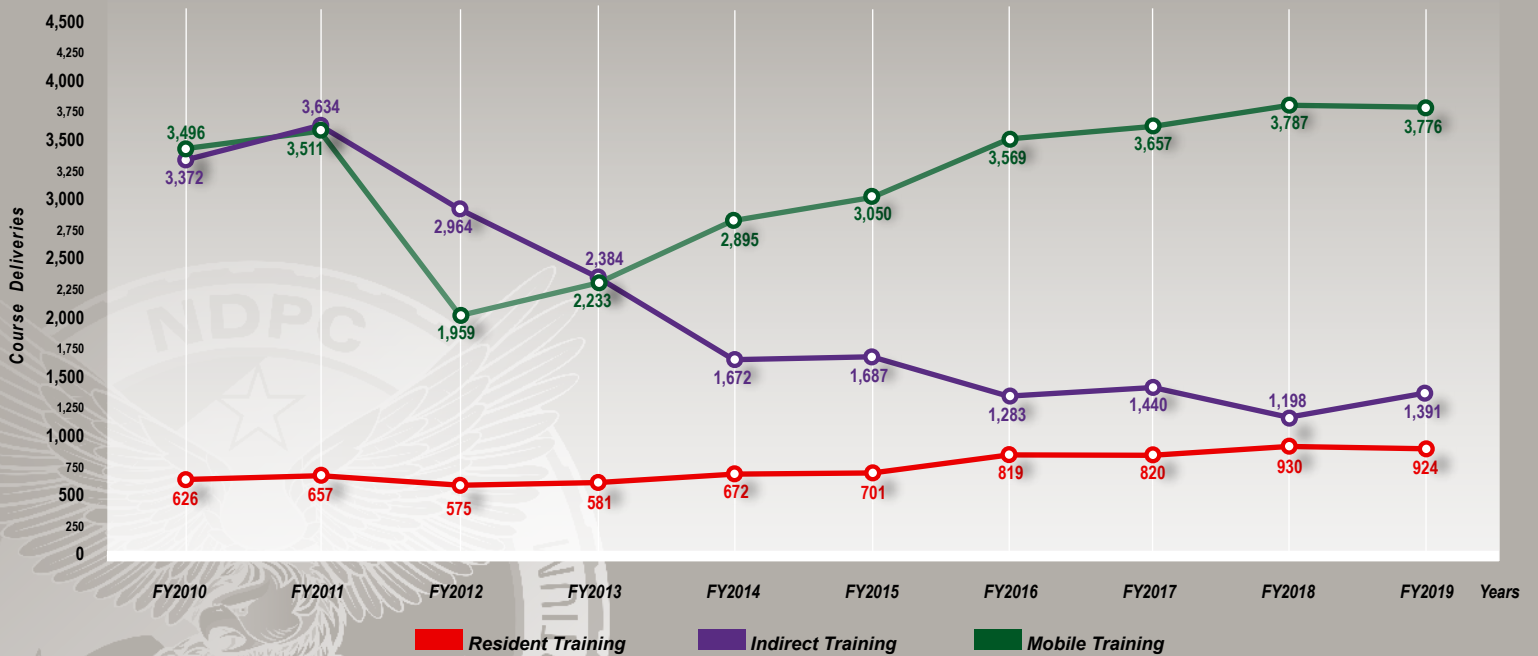


# Training Mode of Delivery

## Training Hours by FY



## Deliveries by FY\*



\*Includes only Instructor-Led training; self paced web-based completions do not impact delivery counts.

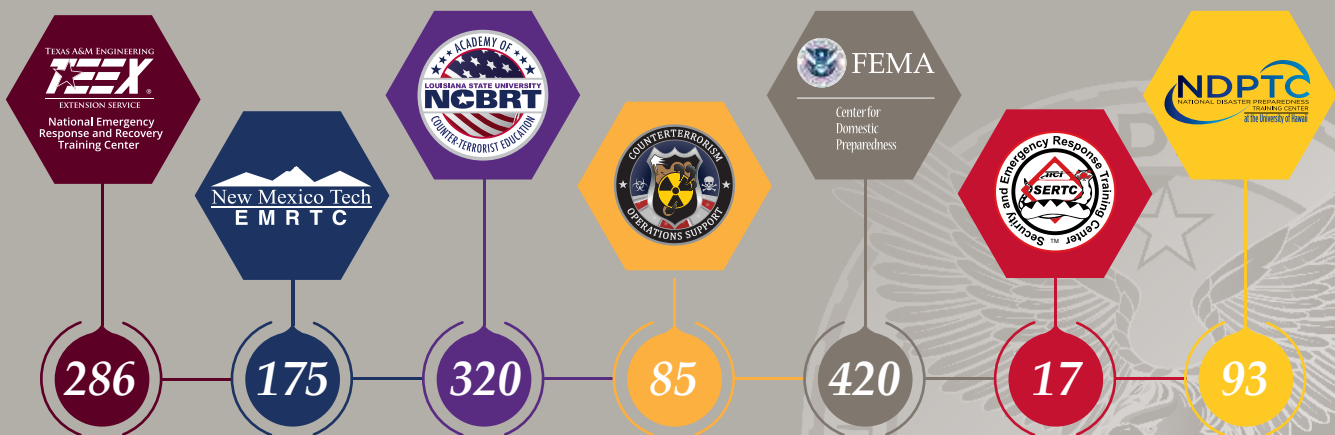


# Participants by Discipline

Participants by Discipline FY 2010 - FY 2019

| DHS Disciplines | Description                  | Total            |
|-----------------|------------------------------|------------------|
| AGS             | Agriculture                  | 3,084            |
| CV              | Citizen/Community Volunteer  | 13,228           |
| E               | Education                    | 7,805            |
| EM              | Emergency Management         | 105,594          |
| EMS             | Emergency Medical Services   | 133,302          |
| FS              | Fire Service                 | 195,067          |
| GA              | Governmental Administrative  | 32,614           |
| HC              | Healthcare                   | 132,734          |
| HM              | Hazardous Materials          | 23,251           |
| IT              | Information Technology       | 20,633           |
| LE              | Law Enforcement              | 618,525          |
| OTH             | Other                        | 364,255          |
| PH              | Public Health                | 50,160           |
| PSC             | Public Safety Communications | 16,491           |
| PW              | Public Works                 | 28,776           |
| SR              | Search and Rescue            | 8,914            |
| SS              | Security and Safety          | 40,706           |
| TS              | Transportation               | 6,384            |
| <b>Total</b>    |                              | <b>1,801,523</b> |

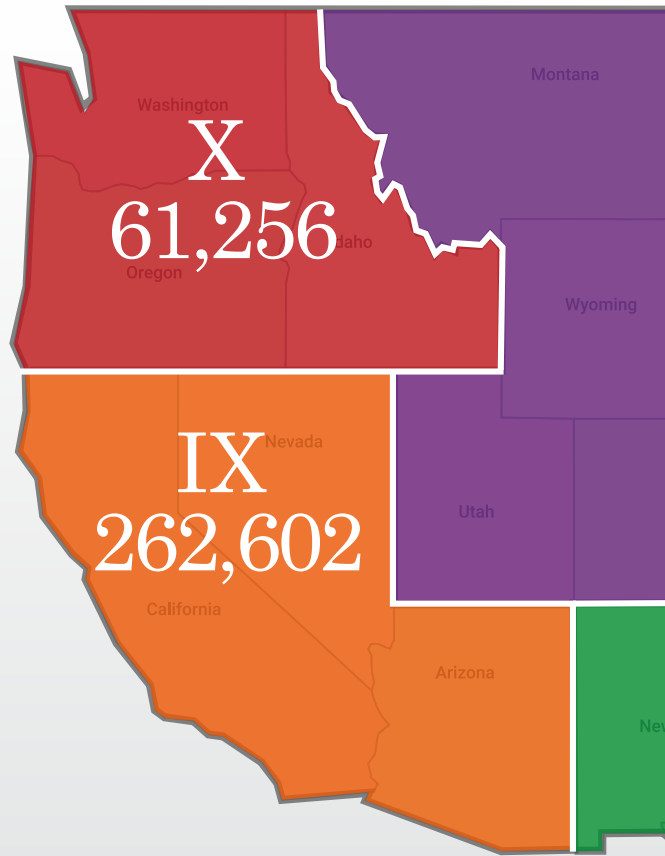
## Subject Matter Expert Instructors



NDPC

# Consortium Training Numbers by FEMA Regions FY 2010 - FY 2019

*\*does not include participant numbers from international trainings*



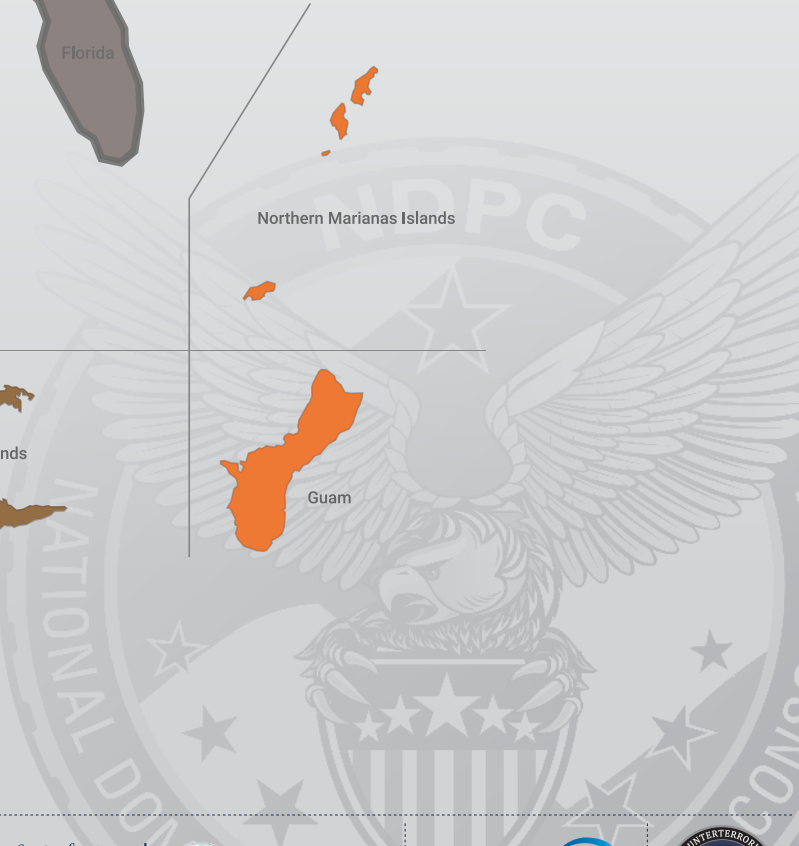
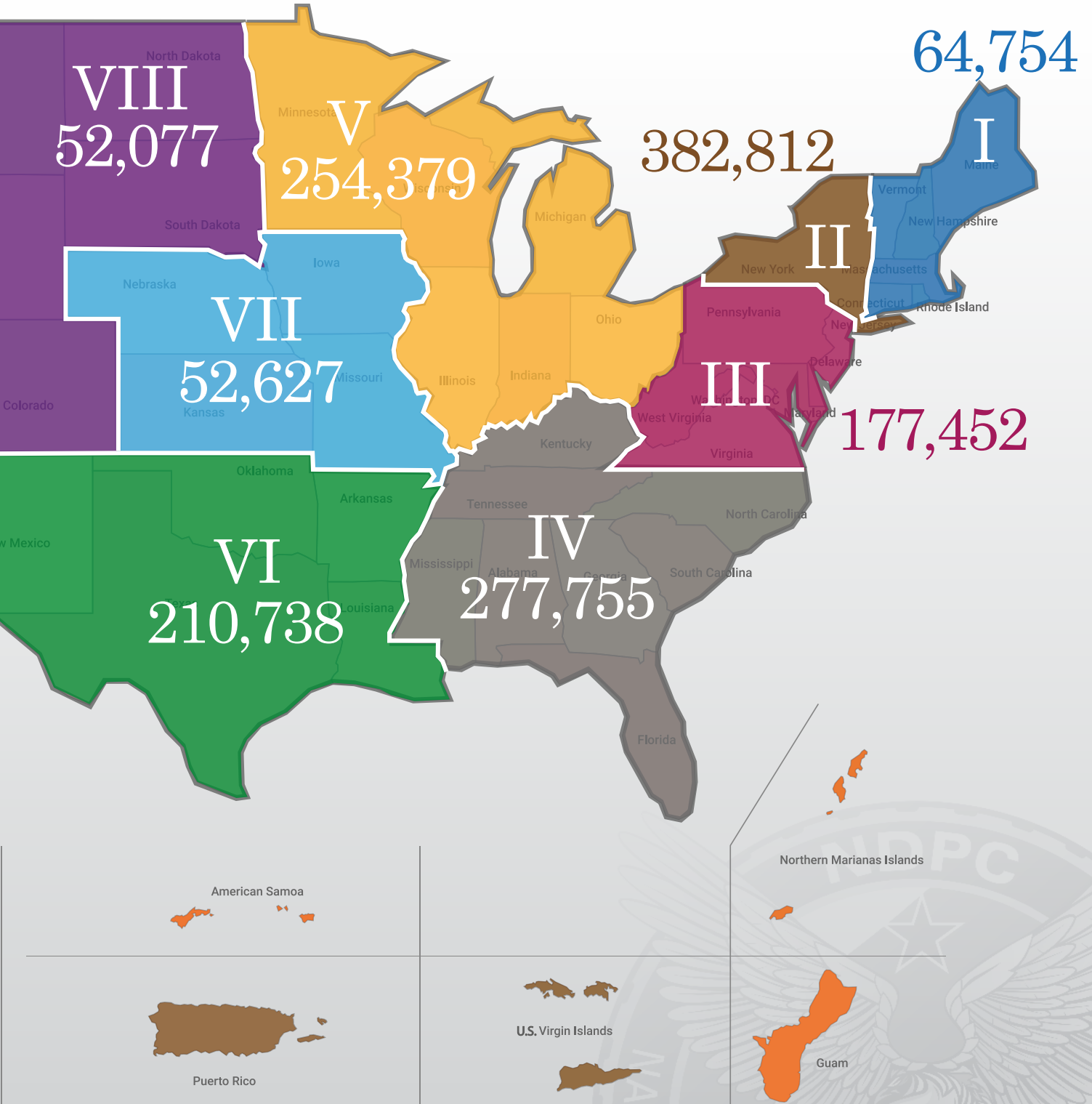
Center for Domestic Preparedness



FEMA







# NDPC Continues to Evolve Active Shooter Trainings to Prepare for Threats



**A**s the frequency of active shooter threats continue to emerge, the National Domestic Preparedness Consortium (NDPC) is developing and delivering courses at the forefront of emergency preparedness across the nation.

One of the most challenging aspects of preventing and responding to an active threat is that an attack can happen in many different scenarios. NDPC partners are combatting this problem by developing courses that provide participants with a wide set of skills for various types of active threats.

One such NDPC course is Tactical Hazmat Operations in Surface Transportation (THMOST), delivered by the Security and Emergency Response Training Center (SERTC). This year, SERTC trained 76 participants like SWAT teams, patrol officers, and tactical medics on the advanced knowledge and practical skills needed to respond to a complex surface incident on transportation modes such as trains and buses.

In 2019, the Center for Domestic Preparedness (CDP) conducted two Complex Coordinated Attack Theme Weeks to develop comprehensive approaches to a complex attack and test the response actions of law enforcement, EMS, hazardous materials teams, and other emergency responders. For one week, CDP partnered with fellow NDPC partners SERTC and

the Louisiana State University National Center for Biomedical Research and Training/Academy of Counter-Terrorist Education (LSU NCBRT/ACE). The weeks culminated in a full-scale exercise involving active threat situations with firearms, hostages, fires, explosives, and hazardous materials.

LSU NCBRT/ACE has focused heavily on active shooter prevention and response training in the recent years and has made active shooter threats one of its main lanes of training expertise.

One of LSU NCBRT/ACE's most popular classes is the Active Threat Integrated Response Course (ATIRC), which is designed to improve integration between law enforcement, fire, and emergency medical services in active shooter events. ATIRC provides law enforcement officers with key medical skills that can be used to help save lives before EMS arrives on the scene. The course also provides a model framework for law enforcement, fire, and EMS to integrate responses during an active shooter event through a rescue task force.

In the last fiscal year, LSU NCBRT/ACE has trained over 2,200 first responders at the local, national, tribal and territorial levels through ATIRC.

LSU NCBRT/ACE has also expanded its active shooter response training to civilians, who are known as "immediate responders" since they could be present at





the precise time of an attack. Two courses in the LSU NCBRT/ACE catalog – “Surviving an Active Threat: Run. Hide. Fight.” and “Active Threats on Campuses: Protective Measures and Response” – teach civilians basic but necessary skills like barricading rooms and doors or applying tourniquets and caring to wounds. The courses also incorporate the nationally-accepted Run. Hide. Fight. paradigm into a civilian’s decision making at the time of an attack to encourage smart tactics for saving lives.

Collectively, LSU NCBRT/ACE has trained over one thousand people through Run. Hide. Fight. and Active Threats on Campuses courses this year.

LSU NCBRT/ACE’s other active shooter-focused class is the Law Enforcement Active Shooter Emergency Response (LASER) course. LASER addresses the technical aspects of planning and implementing a rapid law enforcement deployment to an active shooter incident, particularly on large population centers. More than 2,400 emergency responders have taken LASER trainings throughout the last year.

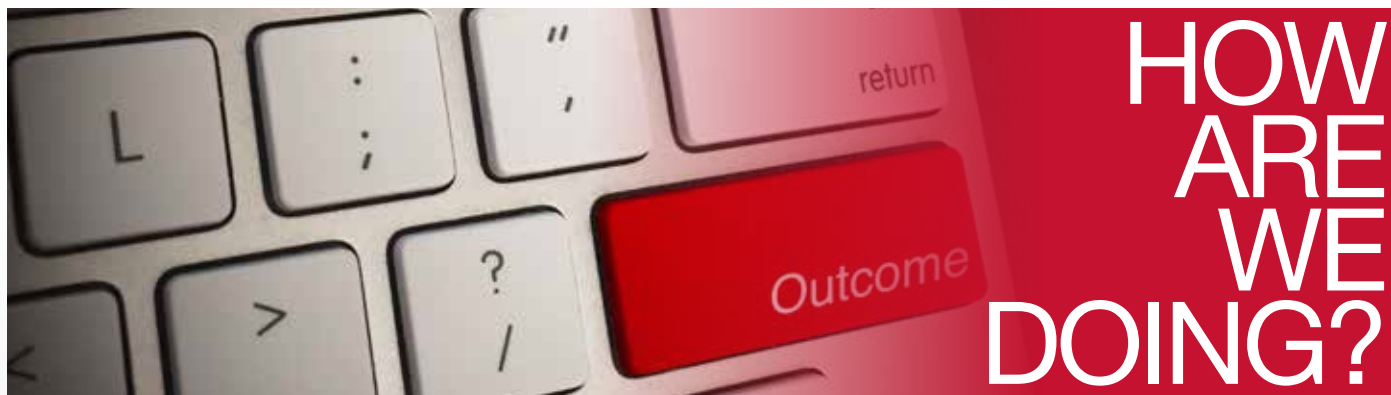
The lessons learned through NDPC courses have already been applied in real-world, life-saving situations. In May 2019, an attack at the Henry Pratt Company in Aurora, Ill., left five people dead and six wounded, but the lessons learned from the NDPC protected many more from harm.

According to the official After-Action Report, officers used the skills they had gained through a 2018 Texas A&M Engineering Extension Service (TEEX) course to form contact teams and create a tactical advantage on the assailant. The officers’ actions enabled them to swiftly overtake the suspect and prevent further loss of life.

TEEX’s course, Active Shooter Incident Management (ASIM), trains law enforcement, fire, and EMS how to quickly neutralize threats and rescue injured by executing tasks together in a recommended order. In the past fiscal year, TEEX has trained 579 emergency responders through ASIM.

The framework for the ASIM class is the common core of active shooter training in five NDPC classes, establishing and ensuring consistency across courses. The framework for these courses has been adopted by responders in nearly every state and was implemented as the statewide standard for New Jersey.

Complex active threats continue to emerge and adapt in today’s world, and NDPC partners are here to meet those threats. By offering expansive training in a wide variety of training lanes and situations, the NDPC is committed to combatting the threats of the future with the highest quality trainings of today by providing the necessary skills for preventing, responding to, and recovering from these challenges.



**As the types and complexity of threats facing our nation continue to increase and evolve, the NDPC provides relevant and timely training to state, local, tribal, and territorial responders. The use of evidence-based outcome studies allows the NDPC to evaluate the effectiveness of our training programs. The members of the NDPC strive to answer one simple question: How are we doing when it comes to building capabilities and capacities in these jurisdictions?**

### **How Do We Evaluate How Well We Are Doing as a National Training Provider?**

NDPC partners utilize the Kirkpatrick Model to evaluate training results. Data generated from each Kirkpatrick level is also used to constantly update curriculum, instructional styles, and course equipment.

#### **Level 1: The Class Evaluation:**

Each course participant completes an evaluation at the time of the training to provide quantitative and narrative feedback regarding individual learning experiences.

#### **Level 2: Pre/Post Test:**

Each course participant completes pre- and post-tests to determine change in learning received from training.

#### **Level 3: Outcome Studies**

At 90 days post-class, certain NDPC partners also conduct email or phone surveys to evaluate the effect of the training received on departmental practices and/or policy. These results are used to analyze how well each partner is doing as it relates to preparing our nation's responders.

### **Evidence-Based Outcome Studies Demonstrate a Significant Return on the Investment**

As the NDPC strives to provide relevant and practical

training, it is important to determine the long-term value of our training. What is the return on the investment and the value of our training to responders? Level 3 Evaluations, or Outcome Studies, provide evidence-based data that demonstrates the longer-term value of how our training is being utilized and adopted. Testimonial data is also collected from students in addition to the survey.

#### **The Survey**

The Outcome Studies survey asks four questions:

1. Has the student used the concepts or skills gained from the training on the job?
2. Did the skills learned from the course help the student to do his/her job more effectively?
3. Has the student shared information or skills presented in the course with other members (employees) of his/her organization?
4. Did the training help the student's office or organization create or modify a policy, plan, or procedure?

The data collected over the past year provides policy makers and appropriators with sound, significant information on the return of investment provided by NDPC courses, as well as data on the value that responders gain as they continue to secure our nation and its citizens.

#### **Student Testimonials**

Evidence-based data obtained from Kirkpatrick's Level 1-3 data confirms that the training provided by NDPC partners continues to build capabilities and capacities in state, local, tribal, and territorial jurisdictions. Demonstrating the return on the investment, past students offer testimonials on how they have used the skills provided by NDPC training in real life events. Examples of student testimonials from various NDPC courses can be found on the next page.

#### **Conclusion and Results**

The evidence-based data derived by the Kirkpatrick



# EVIDENCE-BASED OUTCOME STUDIES CONFIRM THE VALUE OF NDPC TRAINING DELIVERED TO STATE, LOCAL, TRIBAL, AND TERRITORIAL RESPONDERS

Model demonstrates that the NDPC continues to provide high-quality training to state, local, tribal, and territorial responders. The data demonstrates a particularly high level of responder confidence in the training products developed and delivered by the NDPC:

- 92.5 percent of respondents have used the concepts or skills gained from NDPC training.
- 96 percent of respondents have used NDPC training to handle their job more effectively.
- 88 percent of respondents have shared information or skills learned through a NDPC course with others.
- 92 percent of respondents have used NDPC training to create or modify an agency plan, policy or procedure.

Through participant testimonials, the NDPC is able to demonstrate how our training is making a difference in communities throughout this nation on a daily basis. The NDPC continues to build the capabilities and capacities to prepare, prevent, respond and recover to complex threats and emergencies.

## Texas A&M Engineering Extension Service

*"The Community Preparedness for Cyber Incidents class offered by TEEX at Liberty exceeded all my expectations. As the Emergency Preparedness Manager, we are always looking for ways to engage the community, especially as it pertains to cyber issues and cascading effects. The instructors assigned to this two-day offering were true subject matter experts and connected very well with the IT specialists from Central Virginia. Their subject matter expertise coupled with the excellent curriculum made for a very meaningful investment in our community and cyber resilience capability. I have gotten an overwhelmingly positive response from many in the class."*

– **Steve Lambert - Emergency Preparedness Manager/Liberty University**

*"Just want to let you know exactly how much the MGT 314 (Enhanced Management/Unified Command for All Hazards) class prepped me. I'm part of our Water Strike Team. We were deployed for the first time yesterday and we had two operational periods. Being a Division Supervisor for the team, I was sent to the EOC. When I walked in I was able to get right to work supporting the team. Having learned what it is all about during MGT 314, I didn't feel lost. One of the best classes I've had."*

– **Joe Brace - District Chief/Houston Fire Department**

## Center for Domestic Preparedness

*"The NDPC and the CDP have been instrumental in the fundamental progression and operational advancement of the Broward County Sheriff's Office's ability to respond to critical incidents facing our community on a daily basis. The vast variety of training has enabled the office to evolve its policies and standard operating procedures while simultaneously develop relevant and realistic training. This has made a tremendous impact and aided in refocusing our mission for the foreseeable future."*

– **Major Steven Robson of the Broward County (FL) Sheriff's Office's Training & Organizational Development Division**

*"Excellent. Very grateful for your help and commitment to the American citizens of Puerto Rico."*

**Puerto Rico Secretary of Health Rafael Rodriquez-Mercado**, commenting on training the CDP provided in May to 1,047 healthcare responders on the island. The training included the CDP's Health Care Leadership for Mass Casualty Incidents, Hospital Emergency Response Training for Mass Casualty Incidents and Barrier Precautions and Controls for Highly-Infectious Diseases courses, along with multiple one-day Health Sector Emergency Preparedness classes.

## LSU National Center for Biomedical Research and Training/Academy of Counter-Terrorist Education

*Our department responds to an average of 14-16 shootings a year in the last five years, and this critical training applies to our everyday responses. We are looking forward to more training and to include a regional response in the future. The training and practical hands-on [of the Law Enforcement Active Shooter Emergency Response course] were very effective for the officers who attended. Your training team put out the information in a positive way that helped with interagency cooperation in our region. The instructors are among the best and we look forward to more training hosted here on the Nez Perce Tribal Reservation.*

– **Martin J. Antone (Oneida), Captain of Police for the Nez Perce Tribal Police Department, Lapwai, ID**

*The modality of the [Critical Decision Making for Complex Coordinated Attacks] exercise was so useful, I have successfully argued with senior commanders to implement similar styles of enhanced training to help junior commanders practice the skills. The direct in-person interoperability with senior commanders of other disciplines like fire and ems, was crucial in understanding their perspective, as well as learning their capabilities and limitations. The more officers that can interact with your training, the safer we all will be.*

– **Frederick Bancroft, Lieutenant for the Monroe County Sheriff's Office, Rochester, NY**

## NDPC Training Partner

# Center for Domestic Preparedness

The Center for Domestic Preparedness (CDP) is committed to an emergency response community prepared for and capable of responding to all-hazards events.

The CDP trains the best for the worst through training, education, and exercises to increase the nation's level of preparedness and resilience.

As the premier all-hazards training component of the Department of Homeland Security's Federal Emergency Management Agency's National Preparedness Directorate, CDP delivers training for emergency responders from state, local, tribal, and territorial governments. CDP training is federally funded at no cost to responders from 17 disciplines.

At the Chemical, Ordnance, Biological and Radiological Training Facility, the CDP offers the only program in the nation featuring civilian training in a toxic agent environment using chemical and biological materials.

The Noble Training Facility is the only hospital facility in the United States dedicated solely to training hospital and healthcare professionals in disaster preparedness and response.

The Advanced Responder Training Complex offers a cross-section of environments found in any community throughout the nation. The complex provides responders with a realistic training environment to exercise the skills acquired during training.

The CDP remains a multi-dimensional, national capabilities facility. In 2017, the CDP served as the primary Reception, Staging and Onward Integration location for DHS surge capacity force mobilization in response to hurricanes and the California Wildfires, processing 5,700 personnel.



Center for  
Domestic  
Preparedness

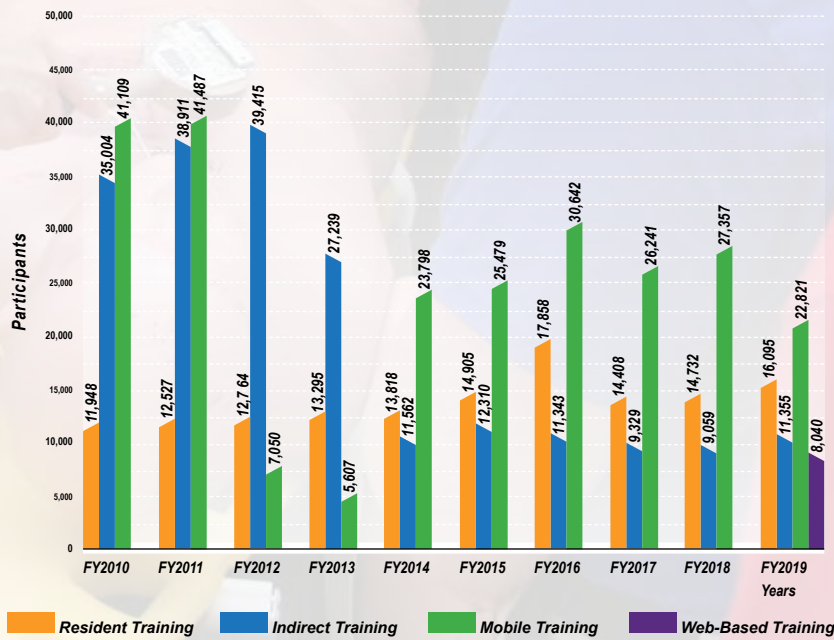


FEMA

# 607,508

individuals trained  
FY 2010 – FY 2019

Participants by FY



*NDPC Training Partner*

# Energetic Materials Research and Testing Center

The New Mexico Tech Energetic Materials Research and Testing Center (NMT/EMRTC) provides training courses that better prepare American communities to prevent and respond to incidents involving explosives. As a result, over 700,000 emergency first responders have been trained across the United States and its territories. These training courses are especially important when considering the prevalent use of explosives in terrorist attacks.

NMT/EMRTC continually assesses the changing terrorist threat landscape to provide emergency first responders with the latest relevant information necessary to safeguard their communities. Training courses are continuously updated to reflect new threats, tactics, terrorist organizations, and emerging trends. These emerging trends include Homemade Explosives, Complex Coordinated Terrorist Attacks, and the use of drones or Unmanned Aircraft Systems to deliver explosives and Improvised Explosive Devices. As a result, the existing course material incorporates updated response strategies to combat these trends, and new course material, such as the Counter Unmanned Aircraft Systems course, is being developed to further enhance the skill sets of emergency first responders.

This commitment to research and knowledge of the changing threat environment has enabled NMT/EMRTC to continue its mission to keep our communities and first responders safe.



Center for  
Domestic  
Preparedness



FEMA







267,024

individuals trained  
FY 2010 – FY 2019

189

emergency first responders from  
across 20 states  
participated in the development of the  
**COUNTER UNMANNED  
AIRCRAFT SYSTEMS  
AND  
UNMANNED AIRCRAFT SYSTEMS  
PROGRAM DEVELOPMENT**  
training programs at NMT/EMRTC

*NDPC Training Partner*

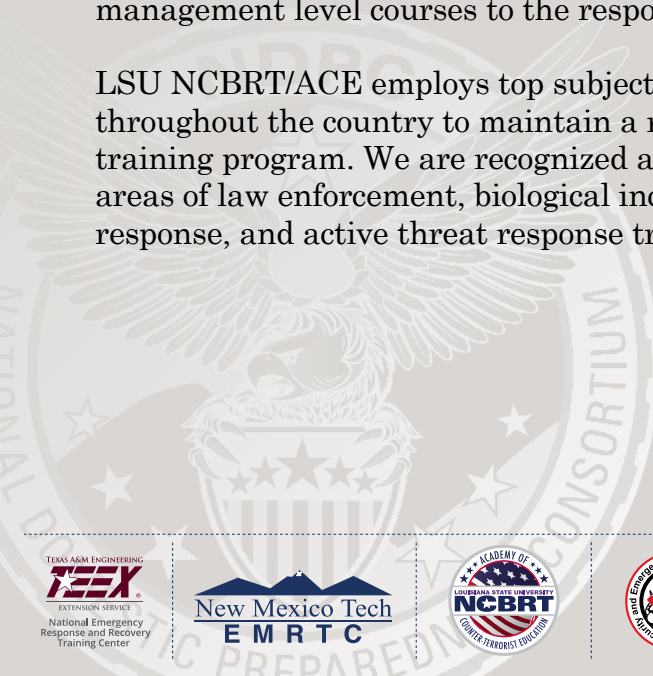
# LSU NCBRT/ Academy of Counter-Terrorist Education

LSU's National Center for Biomedical Research and Training/Academy of Counter-Terrorist Education (LSU NCBRT/ACE) influences, develops, and delivers specialized training and education, providing the skills necessary to prepare for and respond to complex threats and high-consequence events.

Through the development and delivery of innovative and dynamic training to counter evolving threats to human safety, security, and critical infrastructure, LSU NCBRT/ACE provides courses that are fluid and can adapt to the changing world. Our focus is prioritizing the training and educational needs of the law enforcement community, as well as providing training to prevent and respond to events like biological weapons attacks, terrorist-related threats to our food sources, and incidents involving active shooter threats in schools.

LSU NCBRT/ACE relies on our ability to identify, develop, test, and deliver mobile training to state, local, territorial, and tribal emergency responders. The outcome of our success is the development and delivery of awareness, performance and management level courses to the responder community.

LSU NCBRT/ACE employs top subject matter experts throughout the country to maintain a responsive and relevant training program. We are recognized as a national leader in the areas of law enforcement, biological incident response, food safety response, and active threat response training.



Center for Domestic Preparedness



FEMA







# 183,412

individuals trained  
FY 2010 – FY 2019

# 8,717

participants trained in active  
shooter deliveries FY 2019

# 393

tribal first  
responders  
trained  
FY 2019

# 331,696

training hours  
mobile, indirect &  
web-based training  
FY 2019



## NDPC Training Partner

# National Emergency Response and Recovery Training Center

America's first line of defense in the aftermath of any terrorist attack is its first responder community – police officers, firefighters, emergency medical providers, public works personnel and emergency management officials. But in a catastrophic disaster like a hurricane, the whole community becomes responders, relying on each other during both the immediate aftermath and the long-term recovery.

The National Emergency Response and Recovery Training Center (NERRTC) was established in 1998 to enhance the capabilities of emergency responders and local officials to prepare for, respond to, and recover from catastrophic events resulting from natural events, man-made accidents, or terrorist attacks. In carrying out its founding intent, NERRTC has expanded and evolved along with the growing needs of our responder communities and has provided training for more than 795 thousand participants in more than 17 thousand jurisdictions in all 50 states, U.S. territories, and the District of Columbia since its inception.

In 2017, Hurricane Harvey in Texas, along with Hurricanes Irma and Maria in Florida and Puerto Rico, left widespread destruction that challenged the nation's ability to effectively respond and recover, said Al Davis, Deputy Director of the Texas A&M Engineering Extension Service and current chairman of the NDPC.

“The frequency and number of last year's disasters caused NERRTC to re-evaluate its focus on recovery activities in Texas and across the nation,” said Davis. “NERRTC has begun collaborating with state and local partners and The Texas A&M University System, NDPC, and federal partners to develop recovery-focused courses that can be deployed as just-in-time-training for jurisdictions in the aftermath of disasters. The training will focus on assisting jurisdictions in understanding and working through the state and federal disaster recovery process for public assistance.”



TEXAS A&M ENGINEERING



EXTENSION SERVICE

National Emergency  
Response and Recovery  
Training Center

RESCUE TASK FORCE  
RTF 1

PATHWAYS

CONTACT TEAM  
2

CONTACT TEAM

546,218

individuals trained  
FY 2010 – FY 2019

79,730

total participants trained FY 2019

1,474

total classes  
delivered  
FY 2019

60

courses  
offered  
FY 2019

\$314

average  
participant  
cost:  
FY 2019



*NDPC Training Partner*

# National Nuclear Security Administration/CTOS-Center for Radiological Nuclear Training

Counterterrorism Operations Support (CTOS)-Center for Radiological/Nuclear Training program, located at the Nevada National Security Site (NNSS), is the consortium's lead partner for Radiological/Nuclear Weapons of Mass Destruction (WMD) terrorism training. A founding member of the NDPC, CTOS has proudly trained first responders since its inception in 1998. Our mission is to develop and deliver the most realistic and highest quality training in support of Homeland Security by using our extensive radiological expertise. The NNSS is the nation's premier radiological/nuclear WMD training center.

CTOS conducts realistic, hands-on training using actual radioactive material through Mobile Training Teams across the United States and territories. We also offer training at the NNSS, formerly the Nevada Test Site, located 65 miles northwest of Las Vegas, Nevada.

Currently, CTOS is putting the final touches on our new Radiological Support Specialist Training (PER-378) course. PER-378 trains radiological specialists to become candidates for the position of Radiological Operations Support Specialist (ROSS). A ROSS is a state and local subject matter expert tasked with identifying and providing critical information pertaining to radiological or nuclear incidents to responders, key leaders, and decision makers in an Incident Command System environment. The ROSS will assist the incident commander and key leaders by making the technical aspects of a coordinated response clear and understandable to all state and local stakeholders.



Center for  
Domestic  
Preparedness



FEMA







**144,785**

individuals trained  
FY 2010 – FY 2019

preventive radiological nuclear detection

**23,645**

primary screeners trained

**881**

advanced land based and  
maritime operators trained





## NDPC Training Partner

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# National Disaster Preparedness Training Center

**N**ational Disaster Preparedness Training Center (NDPTC) contributes to ensuring that our communities are better prepared and more able to respond to and recover from natural disasters by developing and delivering training courses that address natural hazard and disaster preparedness.

NDPTC training focuses on natural hazards, coastal communities, and the special needs and opportunities of islands and territories. We are fully committed to working collaboratively with partners, stakeholders, and communities in order to be an engaged, agile, responsive, and trusted resource. As a result of feedback following recent natural hazards, NDPTC is developing several courses targeted to those unique needs, including Evacuation Planning, Tropical Cyclones and Typhoons, and Coastal Hazard Assessment and Planning Tools.

With a focus on “communities of practice” across the different sectors of emergency management, law enforcement, fire, emergency medical services, public works, urban planning, and other related fields, the NDPTC addresses not just workforce and continuing education needs but also strives to embed training assets within formal academic programs, thereby enhancing career and educational opportunities for those working in homeland security and emergency management.



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FEMA







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# 43,881

**individuals trained  
FY 2010 – FY 2019**

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**NDPTC is responding to the 2019 National Preparedness Report in several ways, including:**

- (1) better aligning its efforts with the 2018 Disaster Recovery Reform Act, particularly with respect to community-level resilience building;
- (2) updating disaster communications, social media, and other courses to support community lifelines and response operation;
- (3) focusing on “low probability, high consequence” events in support of the NPR’s emphasis on preparing communities for “worst case” events;
- (4) continuing to support recovery and rebuilding efforts in Puerto Rico through increased training deliveries, and;
- (5) refining its strategic planning process through improved metrics.

## NDPC Training Partner

# Security and Emergency Response Training Center

**S**ecurity and Emergency Response Training Center (SERTC) is a state-of-the-art training facility near Pueblo, Colorado specializing in hazardous materials and weapons of mass destruction response for all forms of surface transportation. Since its inception in 1985, SERTC has been operated by Transportation Technology Center, Inc. (TTCI), a subsidiary of the Association of American Railroads, providing high-level, hands-on training to more than 73,000 first responders in the U.S. and worldwide.

The SERTC curriculum includes a high percentage of practical skills training based on established job performance requirements. SERTC has the nation's largest collection of full-size railcars used as training aids and is a premier training facility for hazardous materials response to all forms of surface transportation. Overturned, damaged, and leaking hazardous materials transportation vehicles and containers can quickly tax a responder's resources and add a new layer of danger to the response. Training in immersive, realistic scenarios with full-size props allows responders to apply what they have learned in a controlled environment to real-world situations.

SERTC continues to expand its course catalogue with the addition of its Flammable Liquids training facility. This new track allows responders to train with large quantity (Class 3) flammable liquids and experience the challenges of these specific transportation emergencies.

SERTC will continue to be the leader in hazardous materials response to surface transportation training and is proud to continue to develop an ever-expanding catalog of both on-campus and remote delivery training courses.



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**8,695**

individuals trained  
FY 2010 – FY 2019

**54,688**

total training hours FY 2019

**54      21      5**

states &  
territories  
trained

SME and support  
staff

administrative  
staff

NDPC

# Facts

over **200** current course portfolio

over **197,143** individuals trained in FY 2019

over **3,316,520** number of training hours FY 2019

# 21%

of NDPC participants completed **RESIDENT TRAINING** in FY 2019

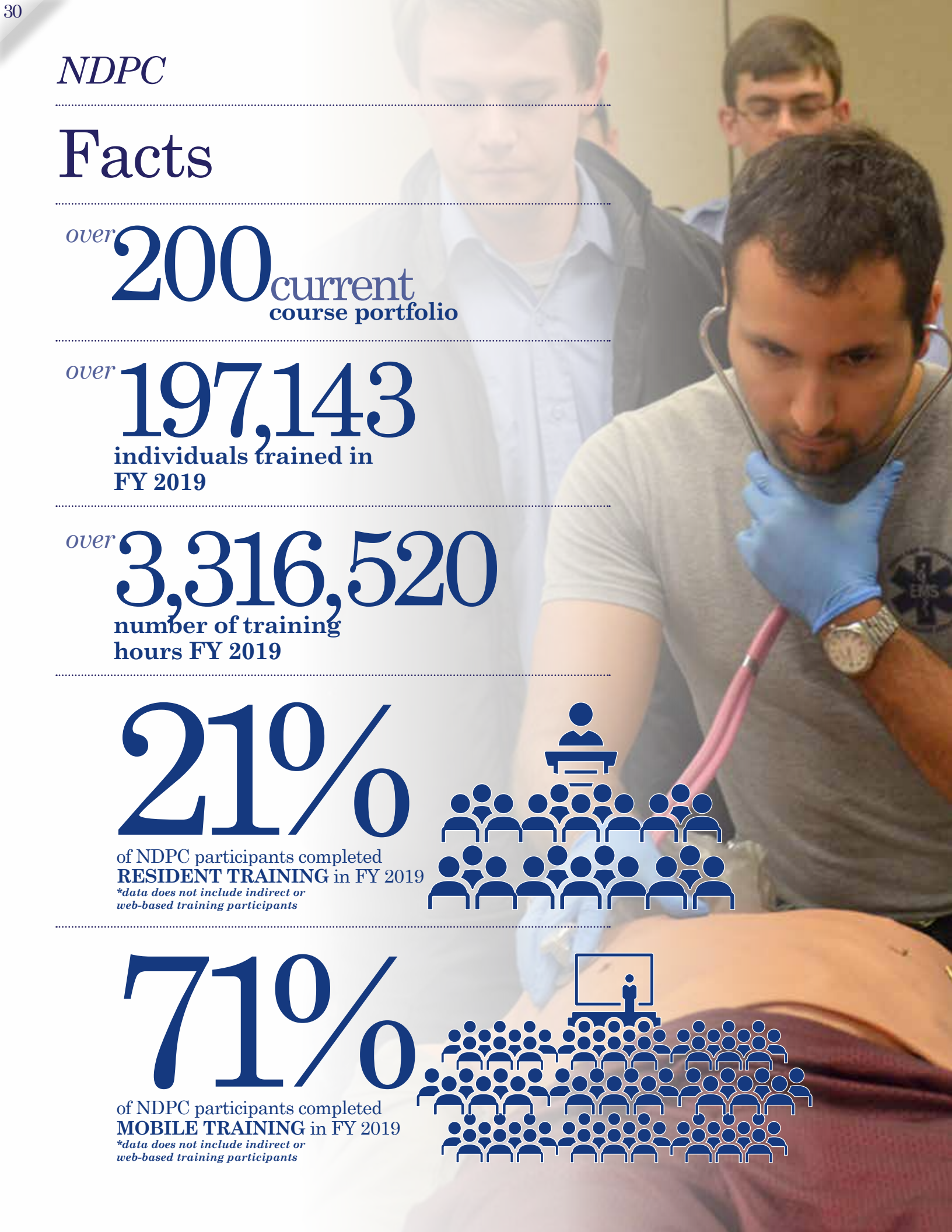
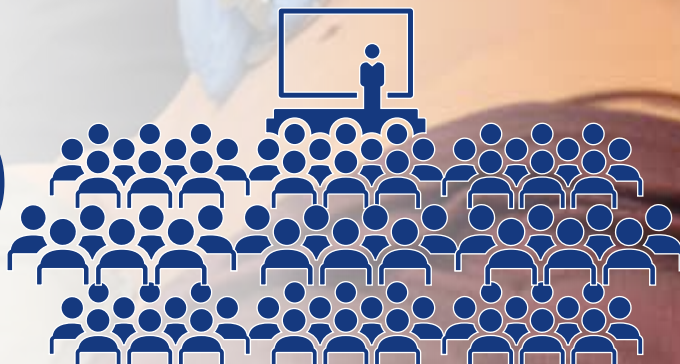
*\*data does not include indirect or web-based training participants*



# 71%

of NDPC participants completed **MOBILE TRAINING** in FY 2019

*\*data does not include indirect or web-based training participants*













# New and Updated Courses

## FY 2019

- AWR-122** | Law Enforcement Prevention and Deterrence of Terrorist Acts | **LSU NCBRT/ACE**
- AWR-122-C** | Law Enforcement Prevention and Deterrence of Terrorist Acts, Customized | **LSU NCBRT/ACE**
- AWR-160-W** | WMD/Terrorism Awareness for Emergency Responders | **TEEX-NERRTC**
- AWR-235** | Initial Law Enforcement Response to Suicide Bombing Attacks, Mobile | **NMT-EMRTC**
- AWR-235-C** | Initial Law Enforcement Response to Suicide Bombing Attacks, Customized | **NMT-EMRTC**
- AWR-319** | Leveraging Tools for Conducting Damage Assessments | **UH-NDPTC**
- AWR-326** | Tornado Awareness | **UH-NDPTC**
- AWR-346-1** | Introduction to Radiological/Nuclear WMD Operations for Law Enforcement Train-the-Trainer | **NNSA-CTOS**
- AWR-358** | Hazardous Materials Awareness | **CDP**
- AWR-375-W** | Risk Management for After School Activities and Interscholastic Athletics | **TEEX-NERRTC**
- AWR-376** | Understanding Targeted Cyber Attacks | **TEEX-NERRTC**
- MGT-323** | Instructor Development Workshop | **LSU NCBRT/ACE**
- MGT-324** | Campus Emergencies Prevention, Response, and Recovery | **LSU NCBRT/ACE**
- MGT-341** | Disaster Preparedness for Healthcare Organizations within the Community Infrastructure | **TEEX-NERRTC**
- MGT-412** | Sport Venue Evacuation and Protective Actions | **TEEX-NERRTC**
- MGT-440** | Enhanced Sports and Special Events Incident Management | **TEEX-NERRTC**
- MGT-461** | Evacuation Planning Strategies and Solutions | **UH-NDPTC**
- PER-200** | Field Force Operations with Bicycle Tactics | **CDP**
- PER-221** | Tactical Operations for CBRNE Incidents | **LSU NCBRT/ACE**
- PER-275** | Law Enforcement Active Shooter Emergency Response | **LSU NCBRT/ACE**
- PER-300-1** | Primary Screener/Personal Radiation Detector Refresher Train-the-Trainer | **NNSA-CTOS**
- PER-304** | Social Media Platforms for Disaster Management | **UH-NDPTC**
- PER-338** | Hazardous Materials Basic Responder for Mass Causality Incidents | **CDP**
- PER-349-1** | PRND Backpack Refresher Train-the-Trainer | **NNSA-CTOS**
- PER-374** | Active Threats on Campuses: Protective Measures and Response | **LSU NCBRT/ACE**
- PER-375** | Surviving an Active Threat: Run. Hide. Fight. | **LSU NCBRT/ACE**

# Participants Trained by NDPC Partner

## NDPC Training by Partner FY 2010 - FY 2019

|   | Resident Deliveries | Indirect Deliveries | Mobile Deliveries | Web-Based |
|---|---------------------|---------------------|-------------------|-----------|
|   | 142,350             | 205,527             | 251,591           | 8,040     |
|    | 51,600              | 90,338              | 113,837           | 11,249    |
|   | N/A                 | 49,795              | 103,371           | 30,246    |
|    | 6,107               | 2,384               | 282,595           | 255,132   |
|    | 29,387              | 32,374              | 44,114            | 38,910    |
|    | N/A                 | N/A                 | 43,881            | N/A       |
|    | 8,002               | N/A                 | 693               | N/A       |

National Training and Education Division (NTED) courses are delivered in the following formats: Resident – Instructor-led classroom training is provided at a training facility; Mobile – Also referred to as non-resident, mobile training can be performed by FEMA funded instructors at any location; Web-Based – Web-based or 'online' training is done via the internet and is often self-paced (no instructor); or Indirect – Indirect training includes training courses taught by instructors (non FEMA or training partner staff) that have completed a 'Train the Trainer' course.



NDPC

# Participants Trained by State/U.S. Territory FY 2010 - 2019

| State/<br>Territory | Total<br>Trained | State/<br>Territory | Total<br>Trained | State/<br>Territory | Total<br>Trained |
|---------------------|------------------|---------------------|------------------|---------------------|------------------|
| AA                  | 76               | IN                  | 43,395           | NV                  | 20,012           |
| AE                  | 578              | *INTL               | 5,071            | NY                  | 282,125          |
| AK                  | 5,866            | KS                  | 14,200           | OH                  | 50,058           |
| AL                  | 37,413           | KY                  | 19,535           | OK                  | 17,591           |
| AP                  | 384              | LA                  | 24,417           | OR                  | 21,189           |
| AR                  | 9,976            | MA                  | 21,744           | PA                  | 49,137           |
| AS                  | 2,845            | MD                  | 37,510           | PR                  | 15,084           |
| AZ                  | 34,625           | ME                  | 6,755            | PW                  | 10               |
| CA                  | 175,253          | MH                  | 3                | RI                  | 8,957            |
| CO                  | 21,834           | MI                  | 42,173           | SC                  | 28,183           |
| CT                  | 12,664           | MN                  | 26,858           | SD                  | 2,958            |
| DC                  | 14,215           | MO                  | 24,070           | TN                  | 34,032           |
| DE                  | 3,739            | MP                  | 3,854            | TX                  | 136,058          |
| FL                  | 72,963           | MS                  | 15,894           | UT                  | 9,676            |
| FM                  | 20               | MT                  | 5,552            | VA                  | 65,341           |
| GA                  | 37,868           | NC                  | 31,867           | VI                  | 9,569            |
| GU                  | 6,531            | ND                  | 5,914            | VT                  | 3,128            |
| HI                  | 18,411           | NE                  | 5,271            | WA                  | 28,710           |
| IA                  | 9,086            | NH                  | 11,506           | WI                  | 12,399           |
| ID                  | 5,491            | NJ                  | 76,034           | WV                  | 7,510            |
| IL                  | 79,496           | NM                  | 22,696           | WY                  | 6,143            |
|                     |                  |                     |                  | <b>Total</b>        | <b>1,801,523</b> |

\*FEMA approved international students trained domestically

# Testimonials

*"As Team Rubicon is currently wrapping up our 2019 ICS Schedule, with an ICS 300 delivery in Colorado, I would like to extend Team Rubicon's utmost GRATITUDE for this TEEEX partnership/collaboration. TEEEX has been a true pillar to building our leadership teams across the Nation and enabling Team Rubicon to properly structure our Operations, and in helping communities on their worst day. Year to Date: It has been through this Team Rubicon and TEEEX partnership/collaboration that we have trained 356 Team Rubicon volunteers. Thank you and your TEEEX Team for all the continued support."*

**– Terry Harvey , Deputy Director, Training Team Rubicon**

*"Sadly, like so many communities across the country, our city was impacted by an active shooter incident at the Jacksonville Landing on August 26, 2018. For years leading up to this incident, JSO maintained the highest standards for tactical response training for patrol officers but we also focused on incident management training for Sergeants, Lieutenants, and staff. What started as all-hazards ICS training and policy changes for responding to planned and unplanned events in 2010/2011, easily translated into active shooter incident management training starting in 2013. ASIM classes with realistic scenarios that emphasized the importance of staging, command, and survivor assistance were instrumental in our response to the Jacksonville Landing that day. Lessons learned encourage us to maintain ASIM training through frequent tabletop exercises and by continuing to integrate the strong tactical response training we receive with incident management training. Both are critical to short term and long term success after an active shooter event takes place. This training saves lives and it is vital to a well-managed response in a chaotic environment."*

**– Chief Andre Ayoub  
Special Events Division/Jacksonville  
Sheriff's Office – PER-353/Active Shooter  
Incident Management**

*"Just want to let you know exactly how much the MGT 314 class prepped me. I'm part of our Water Strike Team. We were deployed for the first time yesterday and we had two operational periods. Being a Division Supervisor for the team, I was sent to the EOC. Did the two operational periods there. When I walked in I was able to get right to work supporting the team. Having learned what it is all about during 314, I didn't feel lost. One of the best classes I've had."*

**– Joe Brace, District Chief/Houston Fire Department**

*I just wanted to take a moment and let you guys know how much I learned and how much I enjoyed from your instruction during my time participating at SERTC, Crude by Rail. I've been in the Fire Service almost 30 years now and have taken all kinds of programs and courses from as far south as Southern Florida, LA, across Canada, and even a few up north towards Alaska. You guys as Instructors are the best I have ever had, and that goes for the rest of your support staff as well. Your ability to keep all of us focused and involved all 3 days is not an easy task as I've instructed many times myself, but you guys made it look easy and did a fantastic job. I have been telling all my guys on shift that if they have the chance to take this valuable training they jump at the opportunity, as they will not be disappointed. Once again, thank you for a great week of training, fun and the best group of instructors, and fellow firefighters I've ever had the pleasure of working with. Please keep up the great work you are doing.*

**– Captain B. Wiebe, Township of Langley**

*"I often take home lessons learned from the CDP and implement them into (our community) policies and procedures, and response plans. Currently we are updating our hazard mitigation plan, and I am contributing to that based on training I received at the CDP."*

**– Josh Reed, an emergency planner for the community of Blue Lake Rancheria in northern California.**



### **PER-335 Critical Decision Making for Complex Coordinated Attacks**

The training was applied during the creation of an active shooter multi-jurisdictional response exercise. We have also utilized this training concept with our supervisors to teach the importance of managing resources. After attending the course with another member of the department, we requested a regional delivery so we can have additional members attend. Currently, we have 6 additional senior leaders registered for the upcoming local delivery (Westchester County, NY). The necessity for inter-agency communication and proper allocation of resources is paramount. This workshop helped identify deficiencies which can occur through lack of training and/or communication between all agencies (hospitals, fire, emergency management, police, etc.) Thank you for the outstanding training. I look forward to taking additional LSU courses offered locally in NY.

– **Christopher M. DeSantis, P.E., Deputy Chief  
Fire Prevention and Investigation Division  
Yonkers Fire Department,  
Yonkers, NY**

### **PER-340 Active Threat Integrated Response Course**

The skills learned in this course have been used in training with our local PD, FD, as well as PD from other towns. We just had training on the 25th of Oct and on the 2nd of Nov. Learning the command structure used without freelancing on an incident were among the most useful aspects of this course, especially, on the police side. Teaching the ICS to PD who don't use it like FD personnel, and having RTF teams ready to deploy, to treat and remove victims, is essential.

– **Anthony Kent, Deputy Chief  
Dennis Fire Department  
West Dennis, MA**

### **PER-230 Incident Response to Terrorist Bombings, Residential**

It was the greatest learning experience I have ever been taught. I came out that class knowing what to look for in my community and schools etc. This program is really well taught and opened up my mind to so much that goes on right in our own surroundings.

– **Sylvia Rodriguez from Hobart, Indiana  
Northwest Ambulance Services**

New Mexico Tech offers the best training with hands-on applications.

– **Zachary Geary  
Williamsport Police (SRT), PA**

### **PER-335 Critical Decision Making for Complex Coordinated Attacks**

The modality of the exercise was so useful, I have successfully argued with senior commanders to implement similar styles of enhanced training to help junior commanders practice the skills. The direct in-person interoperability with senior commanders of other disciplines like fire and EMS, was crucial in understanding their perspective, as well as learning their capabilities and limitations. The more officers that can interact with your training, the safer we all will be.

– **Frederick Bancroft, Lieutenant  
Monroe County Sheriff's Office  
Rochester, NY**

### **PER-340 Active Threat Integrated Response Course**

We have used the training from this course to identify deficiencies we had in our integrated response plan. We have also begun training our officers in the concepts and principles we were taught in this course. The use of RTF (rescue task force) principles have been added into our emergency response plan and we have begun to implement more joint training exercises with our complimentary first responder partners in the community (law enforcement, fire and EMS). This is a representation of the quality of training I've come to expect from your organization.

– **William J. Curr, Lieutenant  
Depew Police Department  
Depew, NY**

### **PER-335 Critical Decision Making for Complex Coordinated Attacks**

We have participated in Active Shooter/Deadly Behavior table top and functional exercises both at the local and state level. I was able to apply the lessons learned to those exercises and at an actual incident where I was Command of a house explosion here in Rochester recently. Learning the importance of building relationships with those you will be interacting with at future incidents, was invaluable.

– **James Ryan, Deputy Chief  
Rochester Fire Department  
Rochester, NY**

Students attending a recent delivery of PER-350 Preventive Radiological/Nuclear Detection Maritime Operations course in Great River, NY wrote what was most valuable from the training:

– “The instructors were very informative and able to relate the curriculum to our area and scope of employment.”



**Students attending a recent delivery of PER-243-1 Primary Screener/Personal Radiation Detector Train the Trainer course in Los Angeles, CA wrote what was most valuable from the training:**

– “Having seasoned instructors providing a demonstration on how to prepare and teach the course was very helpful. It allows for us to understand the purpose of the lessons.”

**Students attending a recent delivery of AWR-140 Introduction to Radiological/Nuclear WMD Operations in Austin, TX wrote what was most valuable from the training:**

– “Excellent course. I have prior training in CBRNE. It was a good refresher and to see changes and updates.”

“When experienced professionals come to the CDP, it speaks highly of the quality of instruction here.”

– **Brian Shirley of Mercy Hospital in Mount Shasta, CA, who has been a respiratory specialist for nearly 30 years. Shirley was attending his second resident CDP course – the Hospital Emergency Response Training or HERT course.**

“Hartford Hospital’s advances in emergency management and response are directly attributable to the training received at Anniston, Alabama [the CDP]. The training ... is exercised weekly and keeps our providers prepared to respond, no matter the type of mass casualty event.”

– **Hartford (CT) Hospital President Bimal Patel, during a nationally-televised press conference following the crash of a B-17 near the medical facility that killed seven and injured nine crewmembers and passengers.**

**Students attending a recent delivery of PER-318 Preventive Radiological/Nuclear Detection Team Operations course in Los Angeles, CA wrote what was most valuable from the training:**

– “The instructors were very knowledgeable, professional and helped make the class relatable to the work we do.”

“Training at the CDP is worth its weight in gold. I am, and every other student who has had the opportunity to be a part of the training, a better prepared responder.”

**Nick Countouris of Kaneville, IL, who has attended resident, non-resident and indirect CDP courses.**

**6/12 Debris (MGT-460) Worcester, MA:**

Good morning. Thank you for providing the training in Disaster Management through our Massachusetts Emergency Management Agency. As you know, post disaster debris management is a very complicated issue. My agency, the Massachusetts Department of Environmental Protection, oversees state and federal rules on management of all forms of debris. This intersects with the Massachusetts disaster response plan and the Massachusetts Recovery plan. I coordinate our agencies planning and preparedness effort for disasters as well as coordinate from our state emergency operations center during planned events or disasters. I am using this program along with our health & safety program as the foundation for our staff disaster debris inspector training program. This helps drive the conversation for pre event planning and preparedness as well as the response and recovery. MassDEP and MEMA are strongly encouraging towns to pre-identify both staging locations as well as final disposal. This is both for the rare big events with multiple waste streams as well as the more common New England need to manage excess snow debris. You may have heard that Cape Cod had a triple tornado impacting multiple towns during the height of tourist season. It was a blessing that no one was hurt and the vast majority of the impact was downed service power (not transmission) and extensive woody debris. Our solid waste/disaster debris staff passed on information to the DPW’s about the training you provided, so hopefully when you come back, it will be a larger audience. Thank you again for bringing this class to Massachusetts and I hope to get more of my folks into it next time. (Nicholas J. Child, MA MPA MEP; Chief Emergency Planning & Preparedness Officer; Commissioner’s Office; Massachusetts Department of Environmental Protection)

**Students attending a recent delivery of PER-355 Radiation Instruments Employment in Bluffdale, UT wrote what was most valuable from the training:**

– “Staff was awesome, knowledgeable, courteous, and always available for questions. They shared their experiences. Great job! Enjoyed the course.”

**PER-292 (SERTC)**

This week, attending LMSTI, was a great learning experience for me. The joint exercises with the HazMat Tech class were especially beneficial. The Instructors were dynamic, knowledgeable, and passionate, with a depth of real-world experience to boot. Thank you all for the hard work.

– **G. Van Benschoten, King Ferry Fire Department**



Like most hospitals, we don't have a large staff, and turnover of people has an impact on preparedness. Thus, training is perpetually ongoing, just to maintain acceptable levels of preparedness. If it were not for no-cost training opportunities (like those provided by the CDP), it would likely be too costly to provide equivalent training for our team."

– **Bill Hopkins, facility and emergency manager of the Northern Cochise (AZ) Community Hospital.**

"Excellent. Very grateful for your help and commitment to the American citizens of Puerto Rico."

– **Puerto Rico Secretary of Health Rafael Rodriguez-Mercado, commenting on training the CDP provided in May to 1,047 healthcare responders on the island. The training included the CDP's Health Care Leadership for Mass Casualty Incidents, Hospital Emergency Response Training for Mass Casualty Incidents and Barrier Precautions and Controls for Highly-Infectious Diseases courses, along with multiple one-day Health Sector Emergency Preparedness classes.**

#### **PER-230 Incident Response to Terrorist Bombings, Residential**

The realism was beneficial to see. You can watch online videos and look at pictures, but to see and feel the magnitude of the devices is something that will allow me to take home what I learned to help departments and response teams. We can train and drill to what we think an incident looks like, but IRTB shows us what an incident really looks like. We may think we're ready, but are we really ready?

– **Ryanne Reed  
Mission Support Alliance, WA**

#### **4/30 Community Resilience (AWR-228) Portland, ME:**

The AWR-228 training was awesome. The course delivery was flawless and I know the message got through to the participants as I have heard many of the tenants being discussed in our Community Resilience Seminar. Most importantly the natural flow of the discussions and the informed, sound conclusions made an indelible mark on our community. To put it as succinctly as possible; from beginning to end NDPTC provided exactly what you said they would. Great instructors, relevant thought provoking information and flawless delivery. Thoroughly professional:) You all are wicked awesome. (Chris Wheeler, Training & Exercise Coordinator, Cumberland County Emergency Management Agency)

"The NDPC and the CDP have been instrumental in the fundamental progression and operational advancement of the Broward County Sheriff's Office's ability to respond to critical incidents facing our community on a daily basis. The vast variety of training has enabled the office to evolve its policies and standard operating procedures while simultaneously develop relevant and realistic training. This has made a tremendous impact and aided in refocusing our mission for the foreseeable future. "

– **Major Steven Robson of the Broward County (FL) Sheriff's Office's Training & Organizational Development Division.**

#### **PER-230 Incident Response to Terrorist Bombings, Residential**

The instructors were extremely professional, and I enjoyed the class interactions. I learned a lot. I will take everything I learned back to my facility to make everyone safer without question.

– **Don Edge  
Lee Health, FL**

#### **PER-230 Incident Response to Terrorist Bombings, Residential**

I loved it. My supervisor previously attended and [was proactive] getting students to attend, so I was excited about [IRTB]. I learned a lot, will go home to inform my team to get out here to take this class. I will return for PRSBI (Prevention of and Response to Terrorist Bombings course). The staff/instructors were fantastic and knowledgeable.

– **Andrea Thompson  
Augusta University, GA**

#### **PER – 327 (SERTC)**

Students will need to look hard to find someone who could bring as much energy and enthusiasm as you did while teaching Crude by Rail. Sharing personal experiences enhanced the course objectives. Thank you for being so hospitable and making our team feel welcome during the training. This was noticeable from the time our team unloaded from the buses with all the instructors personally greeting each student. I would like to thank you and your staff for a job well done. We learned a lot from the course.

– **K. Koederitz, Deputy Chief, Merck Fire Department**

**Students attending a recent delivery of PER-377 Nuclear Detonation Response Operations in Red House, WV wrote what was most valuable from the training:**

– "I really enjoyed the hands-on instruction and experience."





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Center for Domestic Preparedness

