Virginia Public Health Preparedness Summit: Reimagining Public Health Preparedness for the Future

What: Workplace Safety -

Deployment Readiness

Where: Westin – Richmond, 6631 W. Broad St.

Richmond VA, 23230

When: March 26th at 12:45 p.m.



Staff Deployment

Due to various public health emergencies, VDH employees are deployed to various locations and perform tasks away from the regularly assigned/traditional setting or workplace.





Indoor/ Outdoor Hazards

May include but are not limited to:

- Slips, trips, and falls
- Heat and cold stress.
- Insect, spider, & snake bites
- UV exposure
- Electrical hazards
- Poisonous plants









Health Hazards

May include but not limited to:

- Hepatitis
- Tetanus
- Influenza
- COVID -19
- Tuberculosis
- Blood-borne Pathogens







Three Phases to Deployment (CDC)

- 1. Pre Deployment
- 2. Deployment
- 3. Post-Deployment



Health Surveillance Pre-Deployment Phase (CDC)

ALL STAFF

Health Screening

Physical, Emotional health, and immunization status.

ALL STAFF

Health and Safety Training

Training on sitespecific hazards, operating procedures, and available resources including PPE training.



Responder Pre-Deployment Requirements

(Chapter 20.0 Staff Deployment Health and Safety Guidelines)

- Immunizations
- Safety Training
- Deployment Notification Updates
- Packing Recommendations
- Specific Location Hazard Awareness

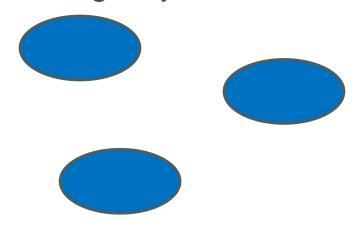




Pre-Deployment Immunizations

One of the most important ways to protect our staff from disease in the emergency area is through vaccination. Vaccines are one of the most important tools used to protect health in society.

Opportunity for disease increases when staff are deployed to an area in emergency.







Pre-Deployment Safety Training

- Personal Protective Equipment
 - Respirator Fit test, medical clearance, and training.
- Bloodborne Pathogens
- CPR Certification
- Chemical Exposure Decontamination
- Incident Reporting including Near Miss Reporting
- De-escalation training





Short Term Checklists

Role-Specific and Individual Needs



- Official Identification/Credentials
- Laptop w/ necessary documents electronic (paper backup)
- Official VDH outerwear (Vest/Jacket)
- VDH Cell phone (Other communications devices)
- Monitors, gauges, testing & recording instruments
- If role is clinical refer to Health & Medical load out list.

Checklist Personal & Individual needs:

- Clothing appropriate for the mission & role. (Hat/Sunglasses)
- Food
- Water
- Cash
- Individual First Aid needs
- Flashlight(s)
- Medications (OTC/Rx/Sunscreen/Bug Spray)
- · Clothing variations due to weather
- Phone & technology needs and chargers



^{*} See Appendix 7.3 of VDH Staff Deployment Health & Safety Guidelines <u>20.0-Staff-</u> <u>Deployment-Health-and-Safety-Guidelines.pdf</u> (virginia.gov)



Emergency Contact Form

* See Appendix 7.2 of VDH Staff
Deployment Health & Safety Guidelines
20.0-Staff-Deployment-Health-andSafety-Guidelines.pdf (virginia.gov)

7.2 EMERGENCY CONTACT FORM

MPLOYEE INFORMATION:						
NAME:						
HOME ADDRESS:						
CITY:						
STATE:						
PHONE NUMBERS:						
HOME:						
CELLULAR:						
Please contact the following in the event of an emergency:						
PRIMARY CONTACT:						
RELATIONSHIP:						
ADDRESS:						
PHONE: WORK	CELL	HOME				
E CONDARY CONTACT:						





A New Tool Available To Help Manage Responder Health

The Red CAP Deployment Readiness Database (DRD)



Type of Information Collected in Red CAP DRD

- Date of Immunizations (Tdap, Hep B, MMR, Flu, rabies— literally any vaccinations we want).
- Respiratory Information Medical Clearance Approval upload, Respirator type and size.
- Tuberculosis Test Status and Date
- CPR certification and card upload.



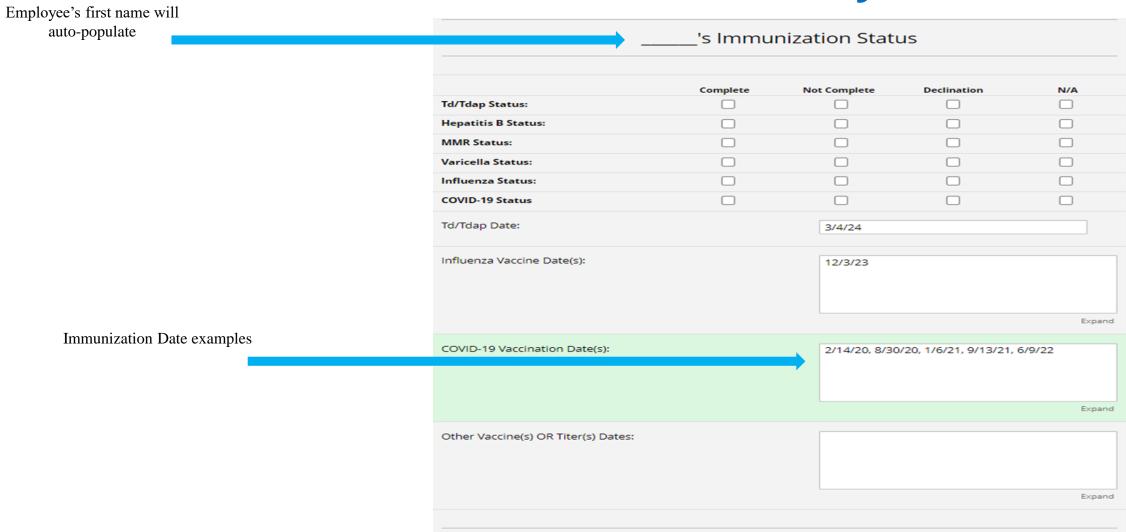
To ADD INFORMATION to Red CAP DRD

- 1. An email is sent to staff with a link to **Employee DRD Health Profile**
- 2. Staff, Volunteer, or Contractor **DOES NOT NEED A REDCAP ACCOUNT** to complete information:

Last Name: * must provide value	
First Name: * must provide value	
Phone Number: * must provide value	
Position title: * must provide value	
Supervisor First & Last Name: * must provide value	

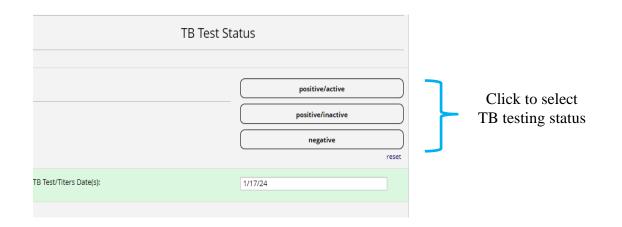


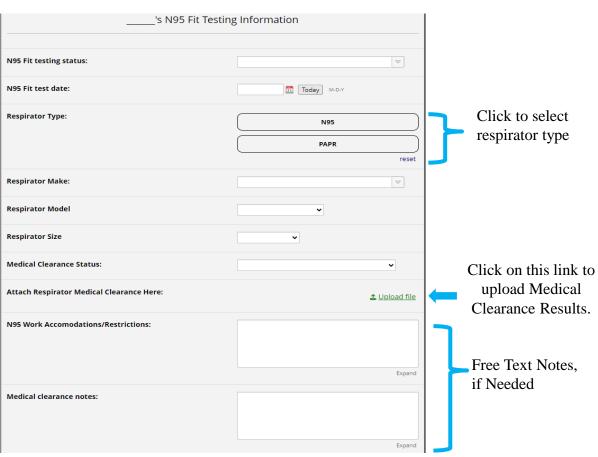
Vaccine Information Entry





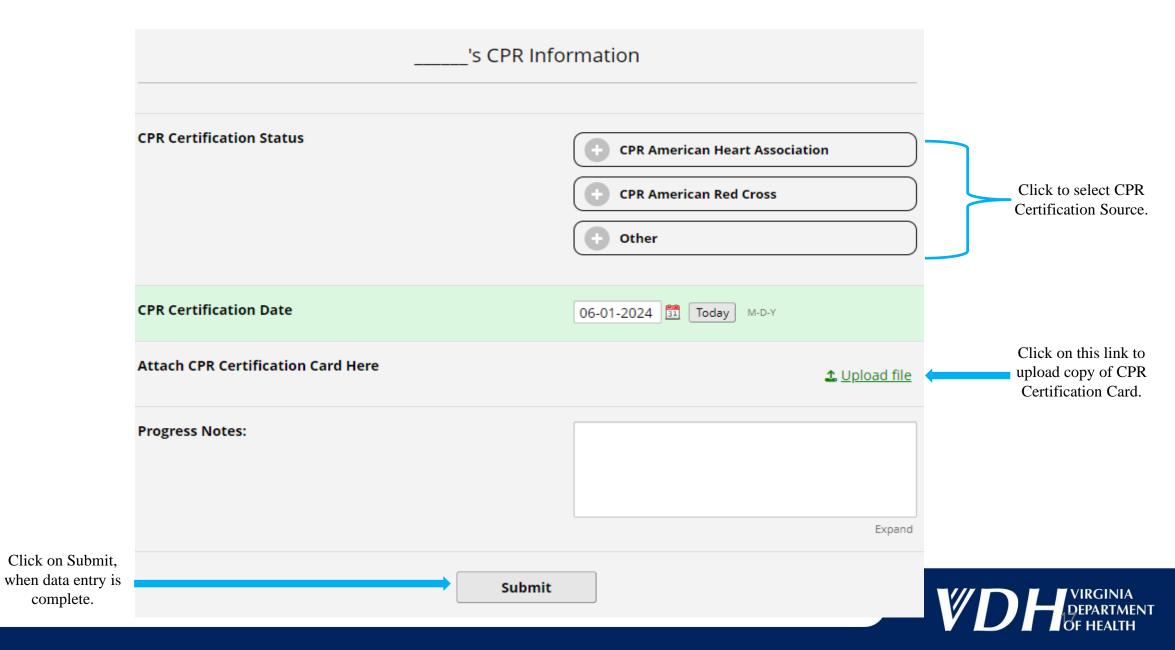
TB Status and Respirator Protection Entry







Enter CPR Information and Submit Data



Exporting a Report from Red CAP DRD in Excel

To export a Report from Red Cap you must have

1. a Red Cap Account 2. Access to the DRD

Record ID	Last Name:	First Name:	Phone Number:	Position title:	Supervisor First & Last Name:	Td/Tdap Status:	Hepatitis B Status:	MMR Status:	Varicella Status:	Influenza Status:	COVID-19 Status	Td/Tdap Date:
8	Carey	Jennifer	(804) 652-1943	EH	Steve Lewis	Complete	Complete	Complete	Complete	Complete	Complete	5/19/2024
1	Hayes	Katie	(804) 358-1209	PHN	Carol Simms	Complete	Complete	Complete	Complete	Complete	Complete	5/19/2024
1	Henderson	William	(804) 555-7342	PHN	Jennifer Evans	Complete	Complete	Complete	Complete	Complete	Complete	2/3/2024
11	Henry	David	(804) 555-6734	PHN	Sarah Jacobs	Complete	Complete	Complete	Complete	Complete	Complete	2/3/2024
3	Hicks	Steven	(804) 333-4523	EH	Joseph	Complete	Complete		Not Complete	Declination	Not Complete	4/5/2023
4	Hughes	James	(804) 556-7323	EH Manager	James Johnson	Not Complete	Not Complete		N/A	Complete	Complete	none
2	Jacobs	Sherry	(804) 556-9823	OSS	Carolyn Jones	Complete	Complete	Complete	Complete	Complete	Complete	6/7/2024

Using Red CAP DRD Information Pre-Deployment

- 1. In an emergency event like a forest fire (multiple fires occurred in spring of 2024):
- DRD Report is exported prior to choosing staff to deploy.
- Set Criteria for Staff Deployment Must Haves:
 - CPR Certification,
 - an approved medical clearance,
 - a passing respiratory fit test,
 - and capable of wearing respirators of the size and type available in stock could be chosen for deployment
 - Check DRD Red Cap report Deploy staff who meet criteria



Deployment to FOREST FIRE Emergency

Criteria (checking DRD Report) X = Meets Requirement	James Hughes	David Henry	Katie Hayes
CPR Certification	-	X	X
Medical Clearance	-	X	X
Respirator Fit Test	-	X	X
Size of Respirator Available	-	X	X







Using Red CAP DRD Information Pre-Deployment



- 2. In an emergency event like a hurricane (Florence and Helene) or picking up Biomedical Trash (on the Eastern Shore):
- DRD Report is exported prior to choosing staff to deploy
- Set criteria for staff deployment must haves:
 - Tdap immunization
 - Hepatitis B immunizations
 - Check DRD Red Cap report Deploy staff who meet criteria



Deployment to Hurricane or Biomedical Waste Pickup Emergency

Criteria (checking DRD Report) X = Meets Requirement	James Hughes	David Henry	Katie Hayes
TETANUS, DIPTHERIA, PERTUSSIS Tdap Vaccine	-	X	X
HEP B Immunization	-	X	X





General Duty Clause

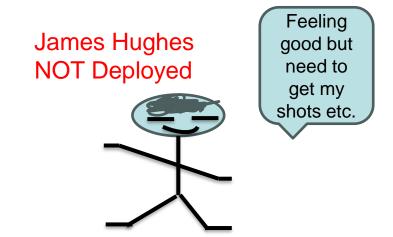
Each employer shall furnish to each of his employees' a place of employment free from recognized hazards that are causing or are likely to cause death or serious physical harm.

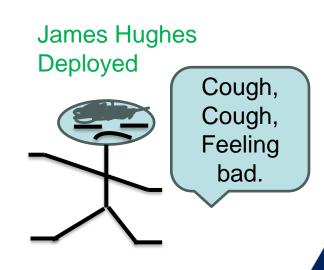




Deployment to Hazardous Area Without Proper Protections Applied in Pre-Deployment Phase

- 1. Employee can refuse the deployment.
- 2. Hazard can cause permanent injury to staff that can affect employee for life returning to work can be difficult.
- 3. OSHA can act against employer in form of a fine or jail time.
- 4. Lawsuits.







Deployment to Hazardous Area With Proper Protections Applied in the Pre-Deployment Phase

- 1. Health Monitoring and Surveillance during Deployment will occur with less incidents to document.
- 2. Post-Deployment health tracking will have less illness to report.
- 3. Staff are well AND more able to aid during the emergency.

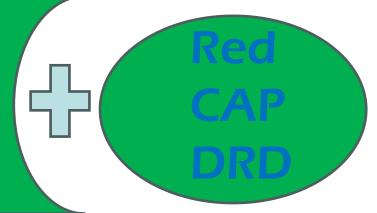


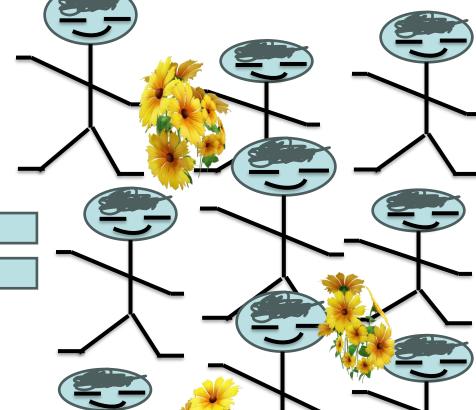
Pre-Deployment Preparation = Safer Workplace

ALL STAFF

Health Screening

Physical, Emotional health, and immunization status.







ALL STAFF

Health and Safety Training

Training on site-specific hazards, operating procedures, and available resources including

PPE training.



QUESTIONS







