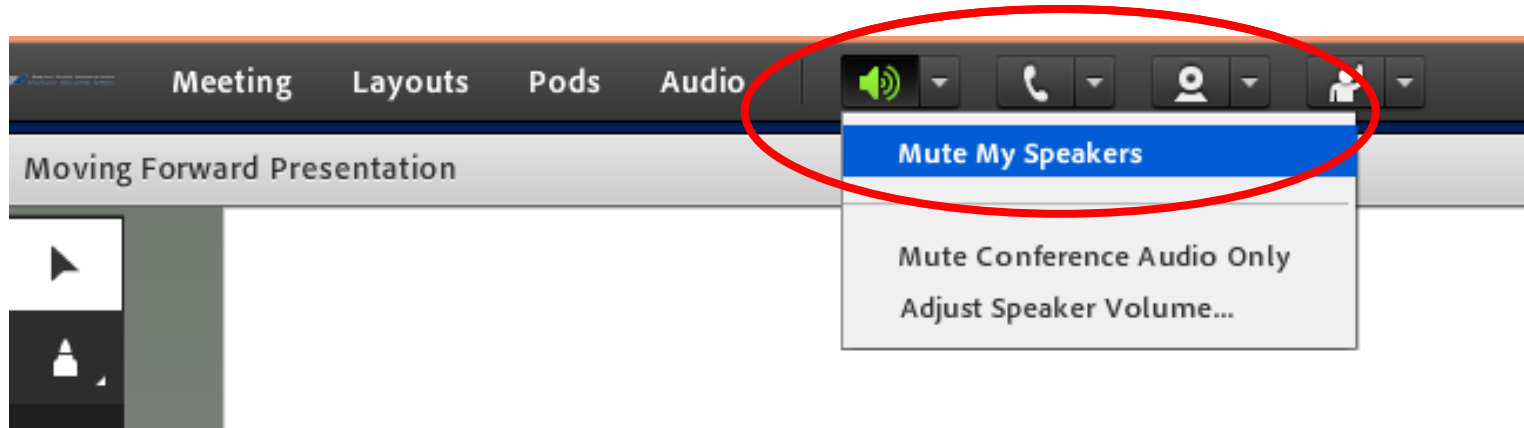


# Please remember to mute your speakers.



## Connected Care Discussion Series

For audio, please dial in using VANTS:  
**1-800-767-1750 pc: 43950#**

Thank you for joining. We will begin shortly.



**U.S. Department of Veterans Affairs**

Veterans Health Administration  
Office of Connected Care



U.S. Department  
of Veterans Affairs

# Connected Care for Disaster Preparedness

Presenter:

Leonie Heyworth, M.D.

National Synchronous Lead for Telehealth Services



# Overview of the Discussion

- Overview and Introductions
- Connected Care for Disaster Preparedness:
  - Why Now?
  - Telehealth Emergency Management
  - Drills
  - Requirements
- Questions
- Closing Remarks and Survey



# BLUF

- Disasters/emergencies often result in high volume appointment cancellations and increased demand.
- Per VA MISSION Act regulation, appointment wait time standards cannot be adjusted, even during a natural disaster/emergency.
- Virtual care modalities (telephone, video telehealth, mobile applications) can optimize timely continuity of care after a disaster/ emergency.
- Telehealth Emergency Management (TEM): 500+ VA clinicians across 30+ specialties are registered in the Disaster Emergency Management Personnel System (DEMPS) as TEM personnel.
- An integrated process is needed to request and qualify TEM personnel.



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# Why Now?



# Why Now?

- VA Video Connect (VVC), “Anywhere to Anywhere” legislation is here!
- Many providers have done a VVC encounter.
- Veterans are increasingly familiar, and satisfied, with VA telehealth.
- VVC sessions now run, by default, in high definition.
- Release of Virtual Care Manager, a “one stop shop” for video; schedule caregivers, VA staff or groups in one step.
- Coming in early 2020: Virtual Care Manager 2.0, an enhanced workspace to manage virtual care, patient-generated data, and mobile applications.



# VA Video Connect

The screenshot displays the VA Video Connect interface. On the left, a sidebar contains a 'Video Connect' header with a menu icon, followed by a 'e911 (Emergency #)' button, and a list of controls: 'Add a new participant', 'Lock conference', 'Mute all guests', and 'Disconnect all participants'. The main area shows a video call with a large central window of a man in a white lab coat and a smaller inset window of another man. Above the main video window is a header bar with the VA logo, the ID 'VOD5001007@care.va', and a menu icon. Below this is a participant list showing 'Guest' and 'Host'. A 'Chat room' window is open at the bottom left, displaying a message icon, the text 'There are no chat messages yet. Write a message below to start chatting.', and a 'Write a message' input field. At the bottom of the main video window is a control bar with icons for back, microphone, video, end call, and a circled 'PDF' icon, along with volume, info, and full screen icons.

- VA Video Connect sessions now run, by default, in high definition.





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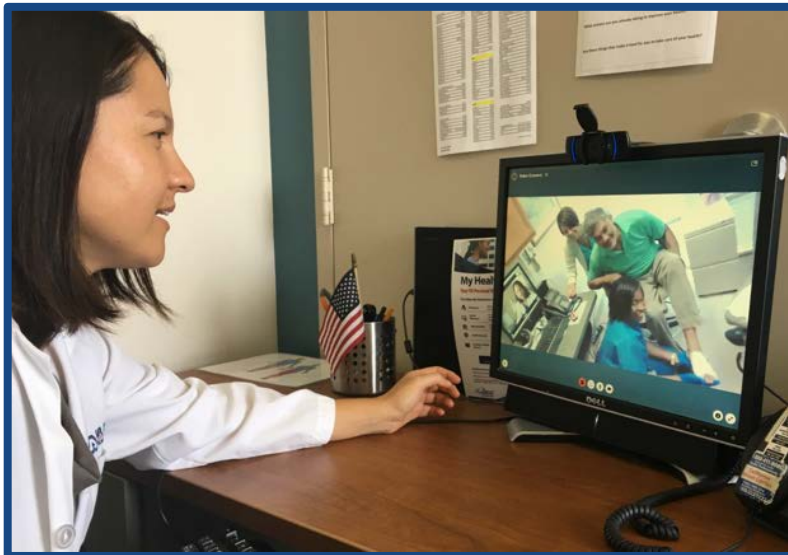
# Telehealth Emergency Management





# Hurricane Season 2017

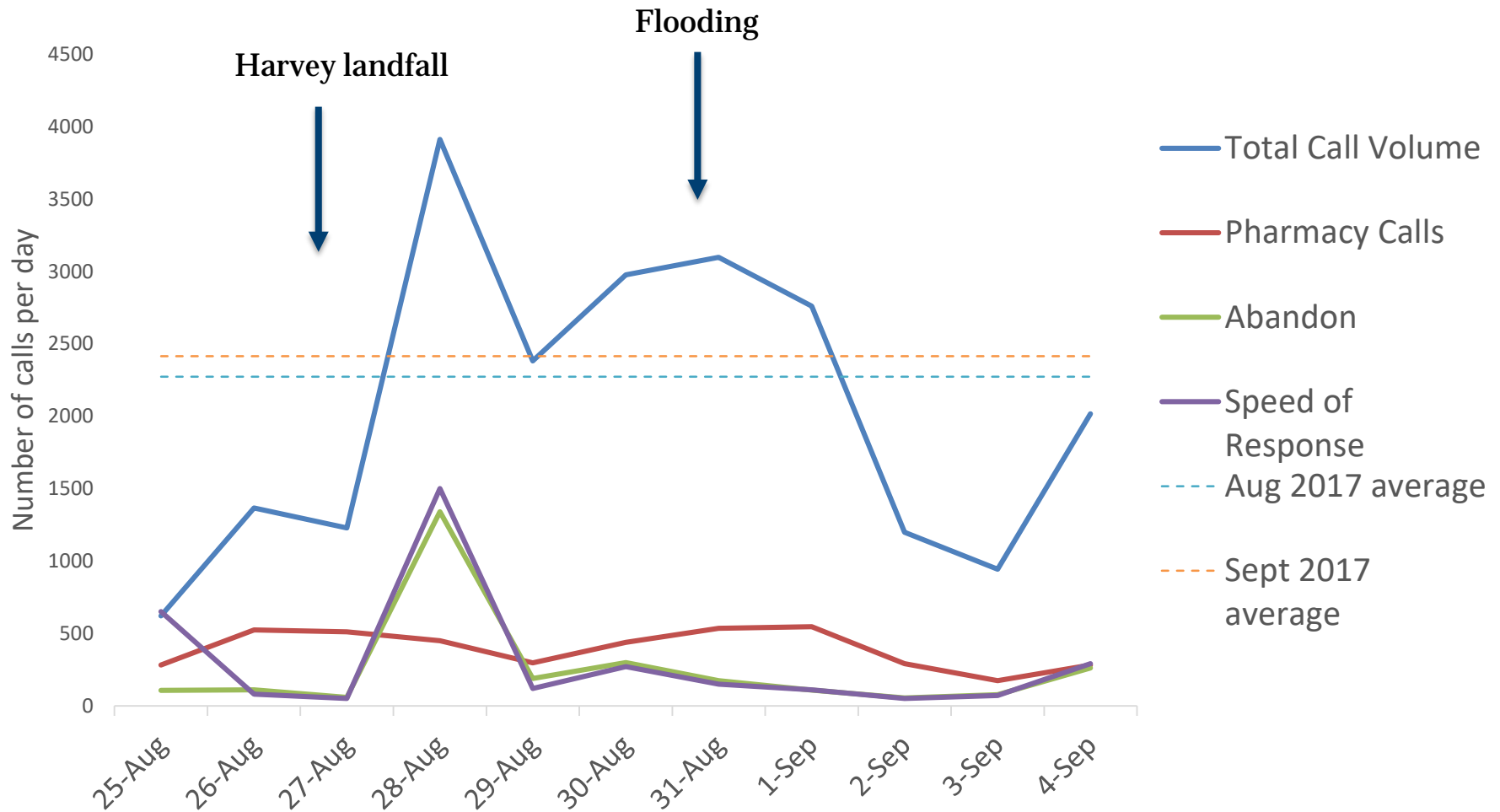
- The Telehealth Emergency Management (TEM) Team supported primary care needs via video into Houston CBOCs after Hurricane Harvey
- TEM fully staffed a bilingual telephone outreach effort to 500+ high risk mental health Veterans in Puerto Rico after Hurricane Maria
- Specialty consultation via asynchronous image exchange was trialed between VA and a shelter in Puerto Rico after Hurricane Maria





# Hurricane Harvey 2017

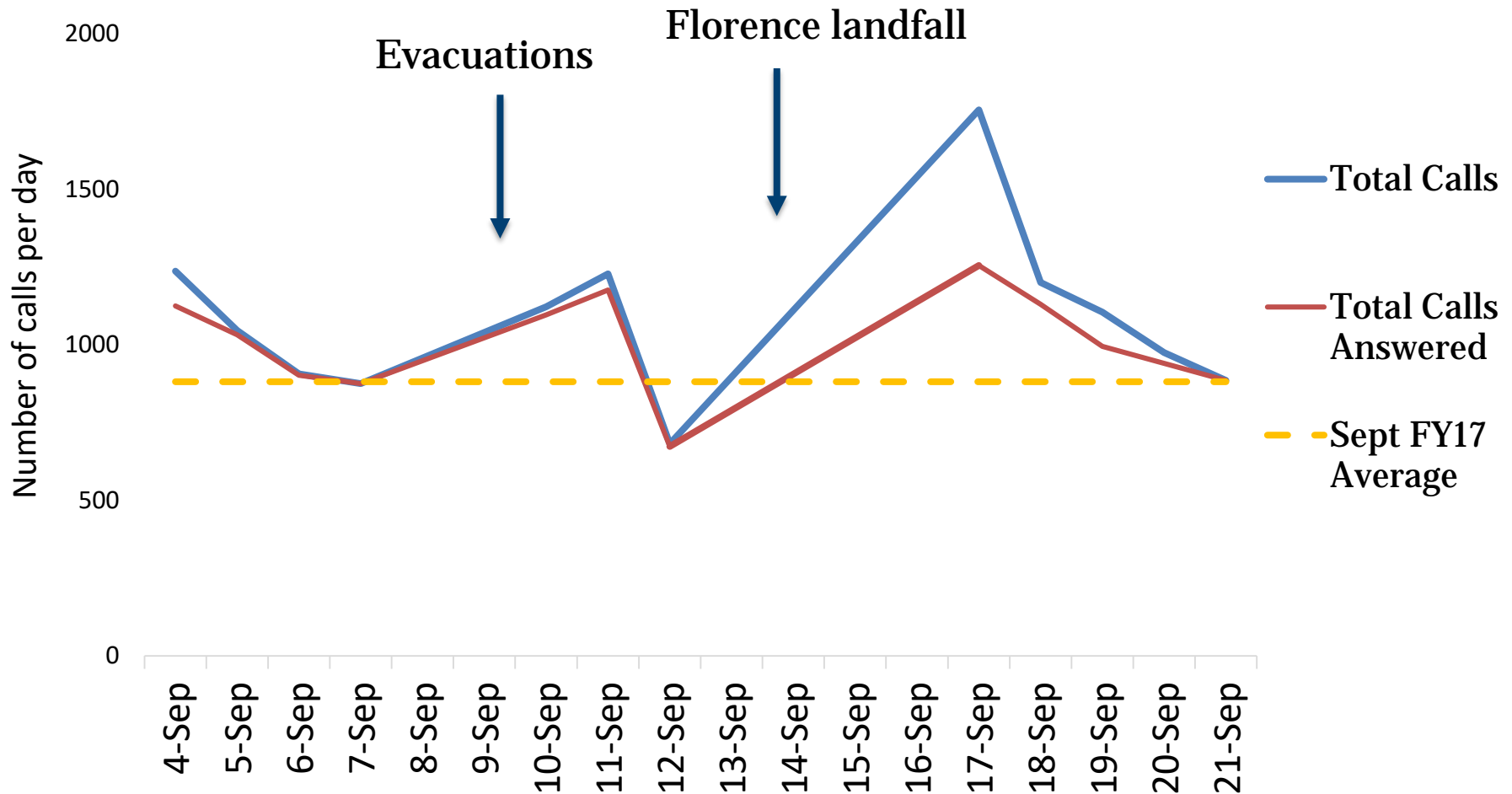
- Hurricane Harvey 2017 Call Center daily activity at Jackson/Little Rock





# Hurricane Harvey 2017

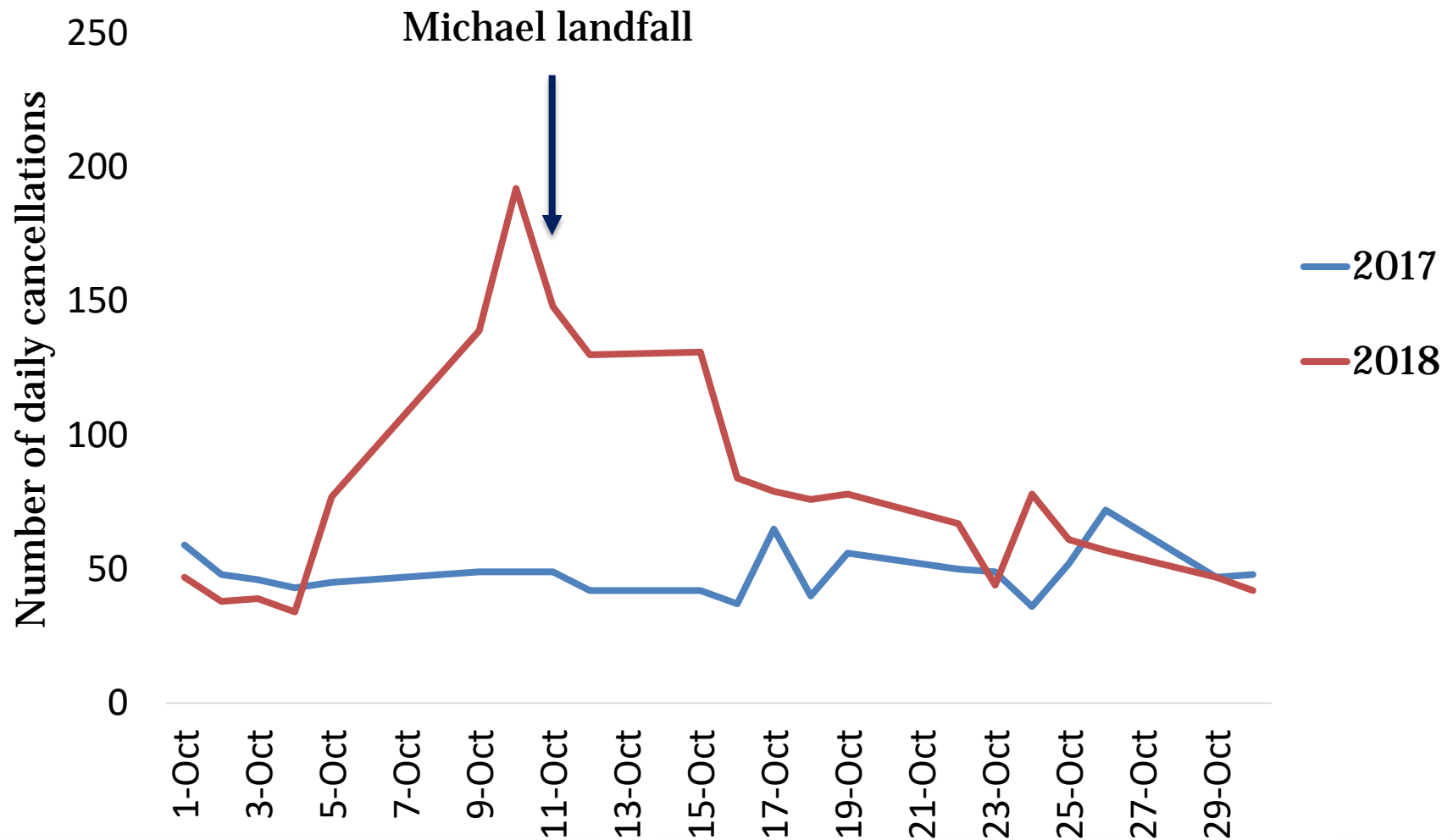
- TEM providers supported the Hampton VAMC call center surge





# Hurricane Michael 2018

- Pre-activated TEM providers can provide care wherever the Veteran goes

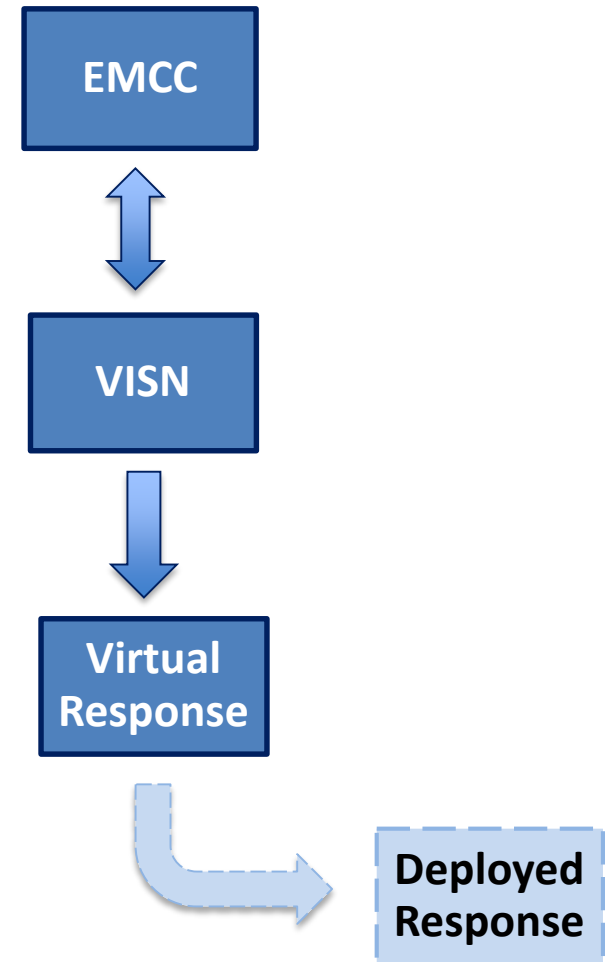




# Virtual Response

## Virtual Only Response

- TEM clinicians support:
  - View alerts
  - Telephone, video care
  - Facilitated exams
  - Review of images asynchronously
- Patients contacting call center (local to disaster, evacuated)
- Walk-in patients with or without a facilitated exam





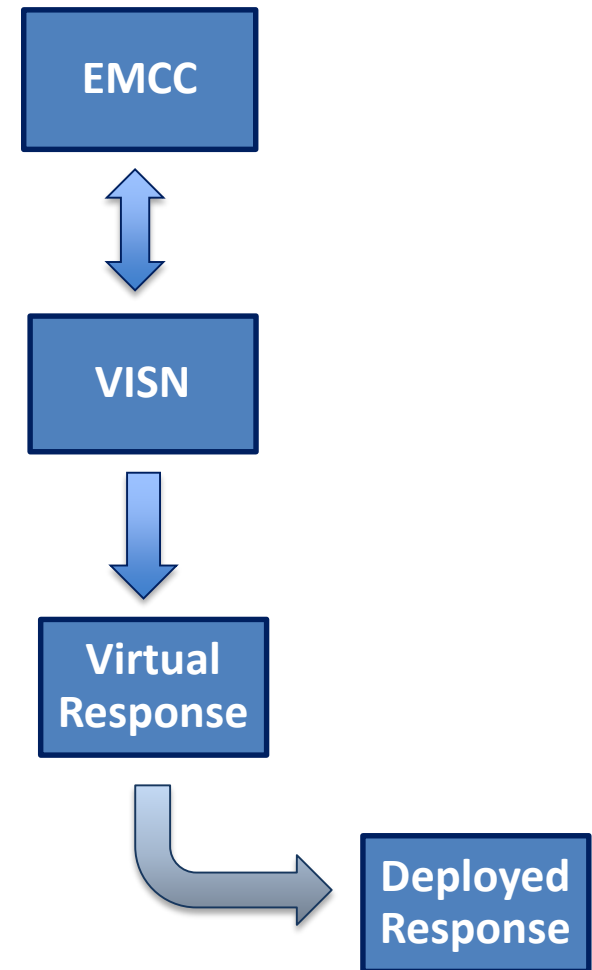
# Virtual vs. Deployed Teams

## Virtual Only Response

- TEM clinicians support:
  - View alerts
  - Telephone, video care
  - Facilitated exams
  - Review of images asynchronously

## Virtual + Deployed Response

- DEMPS qualified “Strike Team”: 2 telehealth clinicians, 1 OI&T staff
- Bandwidth in austere conditions
- Beyond simulation: on-site drills







- 

- VETERANS HEALTH ADMINISTRATION





## VHA PIMS

VHA Performance Improvement Management System

[Home](#)[Organizations](#)[Standards ▾](#)[Event Builder](#)[DMS ▾](#)[FRDP ▾](#)[Reports](#)[Useful Links ▾](#)[User Support ▾](#)

### Virtual Telehealth Volunteers

#### Name

#### Profession

#### Specialty

#### Organization

#### Supervisor Approval

#### Occupational Health

#### Travel

#### Training

[Reset](#)[Filter](#)

Show  1 to 10 of 193

[Export to Excel](#)

1 2 3 4 5 20

Name	VAMC	Profession	Sup. Approval	Occ. Health	Travel	Training	Qual. Status
		MD/DO	Approved	Cat.2	Not Required	Yes	Qualified
		Admin/Support	Approved	Not Required	Not Required	Yes	Qualified
		Registered Nurse	Approved	Not Required	Not Required	Not Populated	In Process
		Allied Health Clinician	Approved	Not Required	Not Required	Yes	Qualified



## Clinic Volunteer Site

### Telehealth Emergency Response

Welcome, **Blake Henderson**! | [Sign out](#)

[Links](#) ▼

[Admin Panel](#)



**Volunteer My Time**  
Start a new request



**Change Schedule**  
Modify Schedule or Withdraw  
from Volunteer list



**Volunteers Pending**  
Awaiting Supervisor Approval



**Readiness Checklist**  
For Volunteers with Supervisor  
Approval



**Report Builder**  
Create custom reports



**Report for Total Time**  
Search Volunteers based on  
total time available



**Search All Volunteers**  
Search Volunteers Approved  
AND Non-approved

### Find a Telehealth Volunteer (Approved by Supervisor)

Search Clinical Specialty

Date

Number of Time Slots

1,591

[Reset Filters](#)

#### Starting Time Available (EST)

06:00  
06:30  
07:00  
07:30

#### Details

Date Available	Time Available (EST)	Duration (Hours)	Specialty	Location	Name	Phone	Email
09/06/2017	17:00	4	Telepresenter (LPN/Healthtech/RN)				
09/25/2017	17:00	4	Telepresenter				



# Prepared for Rapid Activation

- Within 24h of VISN requesting TEM via EMCC, TEM providers:
  - ✓ Undergo **same-day credentialing and privileging** (or be eligible for credentialing/privileging-by-proxy)
  - ✓ Obtain **rapid CPRS access** specific to the VA facility in need, with “disaster clinics”, note titles and TEM-specific CHAR4
  - ✓ Report available **volunteer hours** through TEM’s LEAF site
- TEM provider requirements:
  - VA Video Connect training complete, practice/use
  - DEMPS registration (Telehealth deployed vs. virtual) with supervisory approval



QUICKLINKS ▾

QUESTION? WE'LL ANSWER | SEARCH OUR SITE

**TELEHEALTH**  
VHA TELEHEALTH SERVICES

ROLE ▾ SPECIALTY ▾ PROGRAMS ▾ QUALITY ▾ GUIDANCE ▾ RESOURCES ▾ ABOUT US ▾

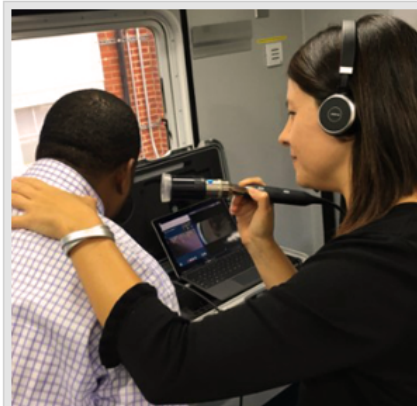
## TELEHEALTH EMERGENCY MANAGEMENT

HOME • TELEHEALTH PROGRAMS • TELEHEALTH EMERGENCY MANAGEMENT

### TELEHEALTH EMERGENCY MANAGEMENT

The Telehealth Emergency Management (TEM) is a modern, agile and efficient continuity-of-operations solution. Our team provides critical clinical services to impacted Veterans and civilians by leveraging the enterprise-wide capacity of VA staff to rapidly deliver clinical care through telehealth after a disaster or emergency.

Telehealth Emergency Management remote clinical volunteers can engage with call/contact centers operations, outpatient clinics, shelters and mobile units across the VA enterprise or in support of a federal mission. In coordination with the Office of Emergency Management, TEM can physically deploy a small team of skilled tele-presenters and IT staff to a disaster site to facilitate care with remote providers across a variety of clinical specialties.



### Volunteer!

By submitting this form, you certify that you are experienced with **VA Video Connect** and you are **registered with DEMPS**.

SUBMIT

# Learn more or volunteer!

<https://vaww.telehealth.va.gov/pgm/tem/index.asp>



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# Drills





# Federal Partnerships



TEM drill with  
HHS/ASPR on the  
National Mall 7/4/18



## Operation Convergent Response 11/2019





Southeastern  
Consortium 4/2019





# Wildfires

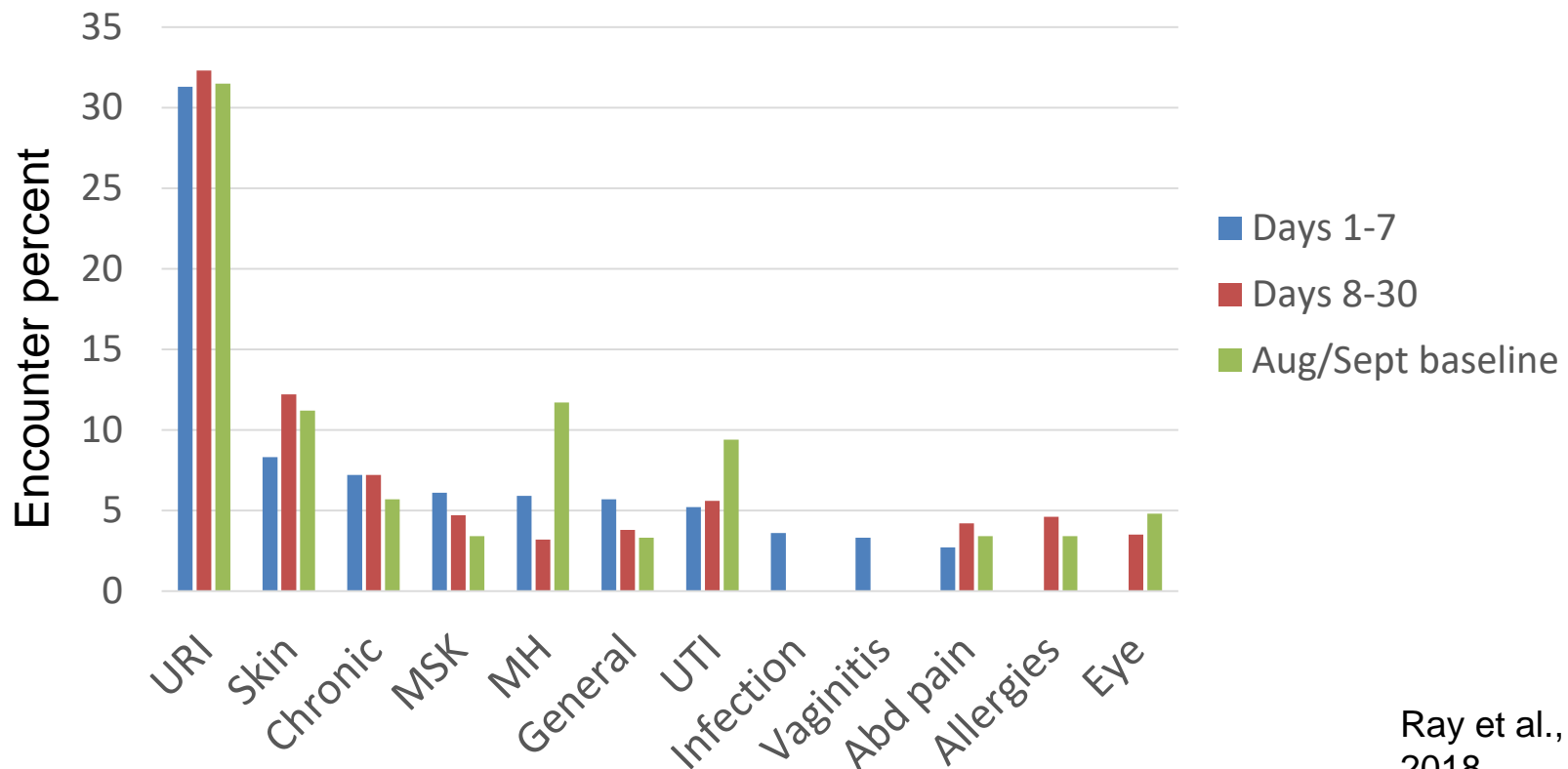






# Direct-To-Consumer Use After Hurricanes Harvey/Irma

- Visit volume peaked between days 3 and 6 after hurricane landfall
- URI, skin conditions notable early; chronic, MSK issues later

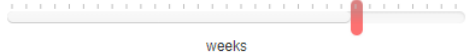


Ray et al.,  
2018

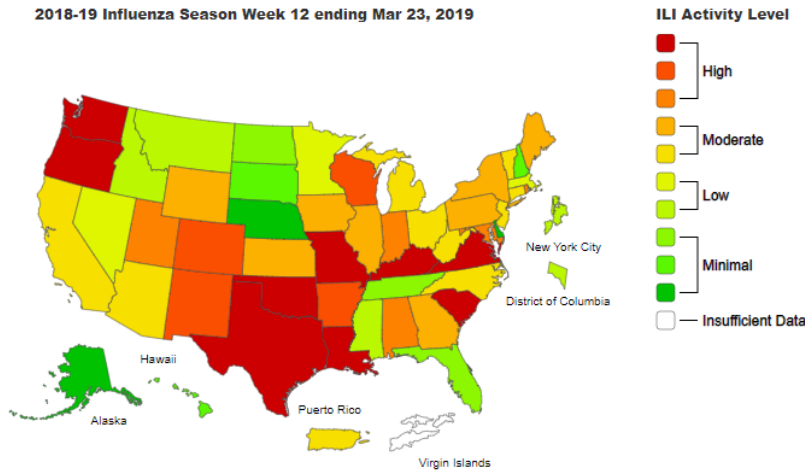


# Highly Infectious Exercises

prev Play Pause next



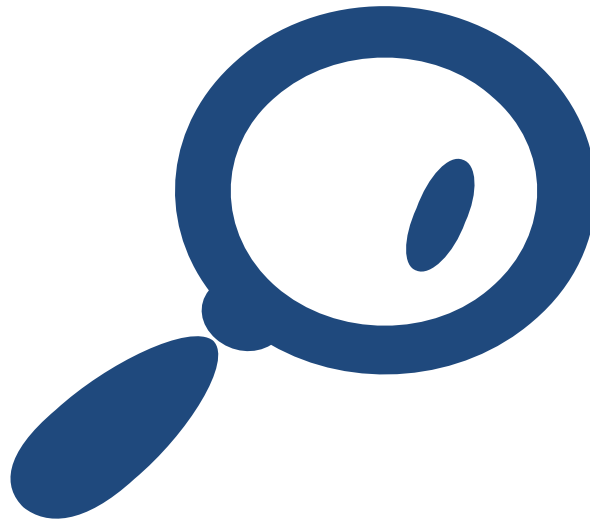
2018-19 Influenza Season Week 12 ending Mar 23, 2019



- Regional predictive modelling
- Anticipatory TEM activation attached to CCC
- HHS/ASPR or FEMA drills



# Questions



## QUESTIONS?

Please use the chat feature on the right to submit your questions.



# Survey

Have an idea you want to share on how we can improve the discussion?

Let us know by providing feedback at this link:  
<https://www.surveymonkey.com/r/LKDGP2C>