

This is “Public Health Emergency Preparedness & Epidemiology”



TEXAS
Health and Human Services
**Texas Department of State
Health Services**

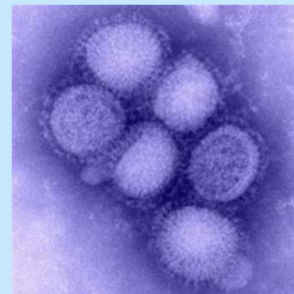


Who are we . . . ?

Because of the ongoing concerns of Safety and Health in the United States the Public Health Preparedness and Epidemiology program was developed.

PHP/Epi has the ability to respond to any number of events from:

- Terrorism
- Bioterrorist Attacks
- Disease Outbreaks and Pandemics
- Natural disasters
- Other large-scale public health emergencies



Who are we . . . ?

The HSR 1 Public Health Preparedness Team responds to all-hazards emergencies, such:

- as natural disasters
- infectious disease outbreaks
- and other public health threats.



Who are we. . . ?

The PHP team also collaborates with local governments (and multiple other agencies within the region) through the development and exercise of a comprehensive public health emergency preparedness and response plan.



Who we are. . . ?



The HSR 1 Epidemiology Response Team



Routinely collects data on communicable diseases and reports these data to the central office in Austin, Texas.

- Surveillance data are typically obtained through provider-initiated reports (passive surveillance) or health department solicited reports (active surveillance)
- The collection of these data help describe the pattern of disease occurrence in an area and subsequently trigger disease control and prevention efforts

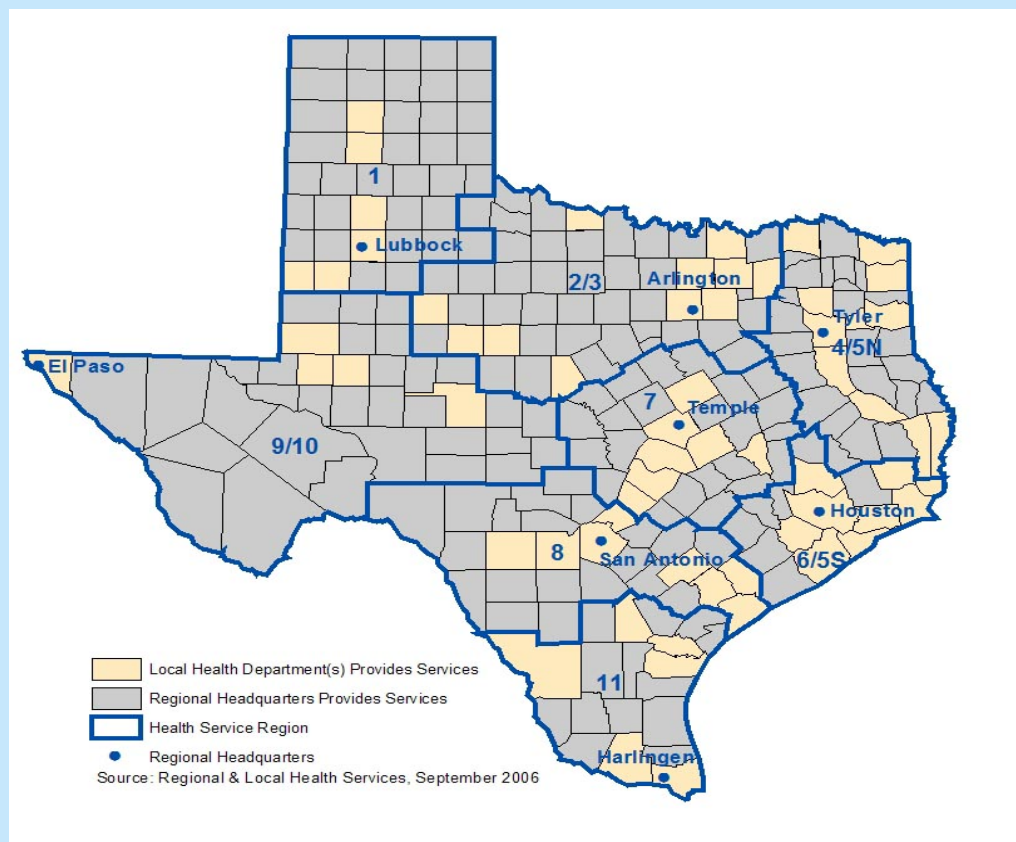
Who are we. . . ?

The activities of the Epidemiology and Surveillance section include:

- Collection, analysis, interpretation, and dissemination of communicable disease data
- Disease investigation and assistance with disease control methods



Local and Regional Public Health Coverage



Regional Public Health County Coverage

Dallam ♦ Dallart	Sherman	Hansford	Ochiltree	Lipscomb
Hartley	Moore	Hutchinson	Roberts	Hemphill
Oldham	Potter ♦ Amarillo	Carson	Gray ♦ Pampa	Wheeler
Deaf Smith ♦ Hereford	★ Canyon Randall	Armstrong	Donley ♦ Clarendon	Collingsworth
Parmer	Castro	Swisher ♦ Tulia	Briscoe	Hall Childress
Bailey	Lamb	Hale ♦ Plainview	Floyd	Motley
Cochran	Hockley	Lubbock ★ Lubbock	Crosby	Dickens King
Yoakum ♦ Plains	Terry ♦ Brownfield	Lynn	Garza	★ DSHS Regional Offices ♦ DSHS Field/Clinic Office Local Health Departments



PUBLIC HEALTH EMERGENCY PREPAREDNESS & EPIDEMIOLOGY

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Epidemiologist I

**Cynthia
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PH & PS II

**Cindy
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Public Health Nurse II

Why are we here . . . ?



We cannot control the weather or prevent disasters from happening, but there are steps you can take to minimize risks from known hazards.

Planning now will help save lives later.

- www.dshs.state.tx.us/prepare-for-an-emergency.aspx

Why are we here. . . ?

Ready or Not?

When disaster hits, Texans need to be ready.

Use our online resources to build your plan - including family strategies, handy checklists, and special needs considerations for people with disabilities, the elderly and pets.

- www.texasprepares.org



Why are we here. . . ?

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Why are we here . . . ?



Family Emergency Plan



Make sure your family has a plan in case of an emergency. Before an emergency happens, sit down together and decide how you will get in contact with each other, where you will go and what you will do in an emergency. Keep a copy of this plan in your emergency essentials kit or another safe place where you can access it in the event of a disaster.

Out-of-Town Contact Name:	Telephone Number:
E-mail:	Cell Phone Number:
Local Contact Name:	Telephone Number:
E-mail:	Cell Phone Number:
Neighborhood Meeting Place:	Telephone Number:
Out-of-Town Meeting Place:	Telephone Number:

Fill out the following information for each family member and keep it up to date.

Name:	Social Security Number:
Date of Birth:	Important Medical Information:
Name:	Social Security Number:
Date of Birth:	Important Medical Information:
Name:	Social Security Number:
Date of Birth:	Important Medical Information:
Name:	Social Security Number:
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Name:	Social Security Number:
Date of Birth:	Important Medical Information:
Name:	Social Security Number:
Date of Birth:	Important Medical Information:

Write down where your family spends the most time: work, school and other places you frequent. Schools, daycare providers, workplaces and apartment buildings should all have site-specific emergency plans that you and your family need to know about.

Work Location One	School Location One
Address:	Address:
Phone Number:	Phone Number:
Evacuation Location:	Evacuation Location:
Work Location Two	School Location Two
Address:	Address:
Phone Number:	Phone Number:
Evacuation Location:	Evacuation Location:
Other place you frequent	Other place you frequent
Address:	Address:
Phone Number:	Phone Number:
Evacuation Location:	Evacuation Location:

Important Information	Name	Telephone Number	Policy Number
Doctor(s):			
Other:			
Pharmacist:			
Medical Insurance:			
Homeowners/Rental Insurance:			
Veterinarian/Kennel (for pets):			

Dial 911 for Emergencies



BUILD YOUR EMERGENCY SUPPLY KIT



YOU CAN BUILD YOUR KIT ALL AT ONCE OR AT YOUR OWN PACE.
START WITH WHAT YOU HAVE AT HOME. THEN, ADD TO IT OVER TIME, STEP BY STEP.



FOOD AND WATER (STEP 1)

- ☐ 3-day supply of nonperishable food that needs no cooking
- ☐ 2 gallons of water per day for each person, to last 3 days for drinking and sanitation
- ☐ Hand-operated can opener
- ☐ Plastic plates, cups, utensils
- ☐ Baby items (formula, bottles, baby food)



TRANSPORTATION AND DOCUMENT BAG ITEMS (STEP 4)

- ☐ Road maps
- ☐ Basic repair items (tools, spare tire, tire patch kit, engine oil)
- DOCUMENT BAG WITH**
- ☐ Cash, current picture I.D.s, family documents
- ☐ Insurance, medical cards, bank account information
- ☐ Social security cards and birth records
- ☐ List of medications with dosages and doctors' phone numbers



FIRST AID, MEDICATION, AND HYGIENE (STEP 2)

- ☐ First-aid kit (advice: a kit recommended by the Red Cross®)
- ☐ Prescription and backup medications
- ☐ Hand sanitizer, wipes, bleach
- ☐ Toilet paper, paper towels, garbage bags
- ☐ Dental care, hearing, and vision products
- ☐ Soaps, personal supplies, baby items
- ☐ Sunscreen, insect repellent
- ☐ Nose and mouth protection masks (N-95 rating)



OTHER ITEMS TO CONSIDER (STEP 5)

- HOME SAFETY**
- ☐ Plastic sheeting and duct tape
- ☐ Smoke detector with battery for each floor
- ☐ Carbon monoxide detector with battery backup
- ☐ Fire extinguisher
- ☐ Rain gear and towels
- COMFORT ITEMS**
- ☐ Blankets and pillows
- ☐ Books, games, and toys
- ☐ Tent
- PET SUPPLIES**
- ☐ 3-day supply of pet food, water, and bowls
- ☐ Pet medications and pet first-aid kit
- ☐ Current pet photo in case you are separated
- ☐ Carrier, leash, toys
- ☐ Cat litter and box



COMMUNICATION AND LIGHTING (STEP 3)

- ☐ Battery-powered emergency alert radio or standard radio with extra batteries
- ☐ Extra cell phone battery and car charger
- ☐ Flashlights for each family member and extra batteries
- ☐ Matches and lighter
- ☐ Whistle



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TexasPrepares.org

Why are we here . . . ?

Emergency Preparedness

Get ready for and respond to emergencies, prepare a supplies kit, make a disaster plan.

- Preparedness resources
- General Information, guides, checklists
- Local Texas Emergency and Preparedness Sites
- Women and Children
- Individuals with Special Needs: Seniors, Kids, Pets
- Information for Businesses



- www.dshs.state.tx.us/preparedness/eprep_public.shtm

Why are we here . . . ?

Emergency Preparedness - Information for Professionals

Planning now can help save lives later. The Emergency Preparedness page offers preparedness resources, including information for professionals and first responders.



- www.dshs.state.tx.us/preparedness/eprep_pros.shtm

Why are we here . . . ?

Community Preparedness

DSHS serves as the primary state agency for coordinating state responsibilities in disaster response. The Community Preparedness section has links to guidance documents and programs.



- www.dshs.state.tx.us/commprep/welcome.aspx



Why are we here . . . ?

The Texas Public Health
Information Network

TRINTexas

The purpose of the Community Preparedness Section is to provide public health leadership, improve health and well-being in Texas by:

- promoting health, preventing disease and injury
- protecting, and effectively respond to all types of health emergencies including:
 - bioterrorism
 - infectious disease outbreaks
 - natural disasters



The Community Preparedness Section does this through networking, coordinating, standardizing, and centralizing our resources and planning efforts.

What we do . . . ?

Examples:

- Exercise and Trainings
 - Point of Dispensing
- Response
 - TB Clinics
- Presentations/Programs
 - Family Emergency Preparedness
 - Nutrition in Preparedness
 - PHP/Epi – Who are we?



What we do. . . ?



Vaccinations

or

Medications

Point of Dispensing or POD, is
a community based dispensing
point for vaccinations or
medications



What is a POD?

A POD is also referred to as a dispensing site, dispensing clinic, medication clinic or Community Emergency Medication Clinic

What we do . . . ?

Primary goal of a POD . . .

. . . is to decrease the number of individuals within your community and county who may become ill



What we do . . . ?

The Role of Public Health
in clinic response . . .



. . . is to provide the vaccine and/or medication as well as
other needed resources

What we do . . . ?

TB/Clinic response

- is based on the ICS structure
- the primary goal is to decrease the number of individuals who may become ill
- the role of Public Health is to provide the vaccine and/or medication



What we do . . . ?

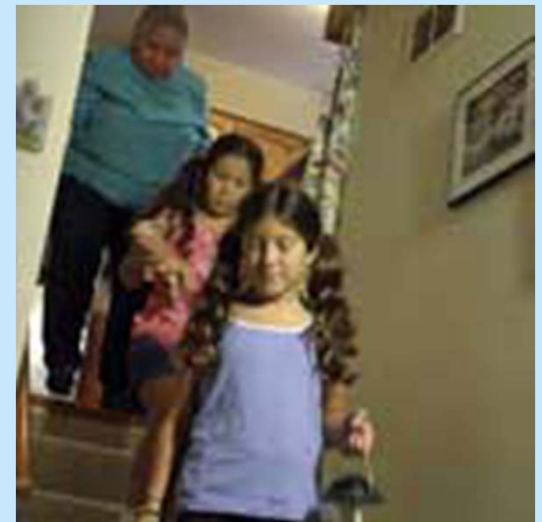
Family Emergency Preparedness:

Disasters disrupt hundreds of thousands of lives every year. Each disaster has lasting effects, both to people and property. Disasters can be as small as a house fire or large as a hurricane. You must be prepared to take care of yourself and your family for at least 72 hours before help may arrive.

What we do . . . ?

“Shelter-in-place”, means for you to remain inside your home, workplace or school and protect yourself there. This would most likely happen in case of tornado, flood conditions, chemical or radiation accident or attack.

- Go inside your home or the nearest building
- Close all windows, doors and turn off all ventilation systems
- Don't use the phone, except for emergency messages



What we do . . . ?

Nutrition in Preparedness:

This course includes practical information and tips to help prepare a three-day emergency food supply and a “Get and Go Kit”. Having an emergency food supply means you won’t go hungry when transportation, weather, health, or other problems prevent you from getting your usual supply of groceries or meals.

PHP/Epi Response Team Inventory/Warehouse



Resources for you . . .

Program related links

DSHS Public Health Preparedness

- www.dshs.state.tx.us/preparedness

Centers for Disease Control

- www.cdc.gov

Centers for Disease Control – Bio Terrorism

- www.bt.cdc.gov

DSHS Infectious Disease Control Unit

- www.dshs.state.tx.us/idcu/default.asp

Dept. of Justice' Office of Domestic Preparedness

- www.fema.gov

Texas Division of Emergency Management

- www.txdps.state.tx.us