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Public Health Preparedness and Response

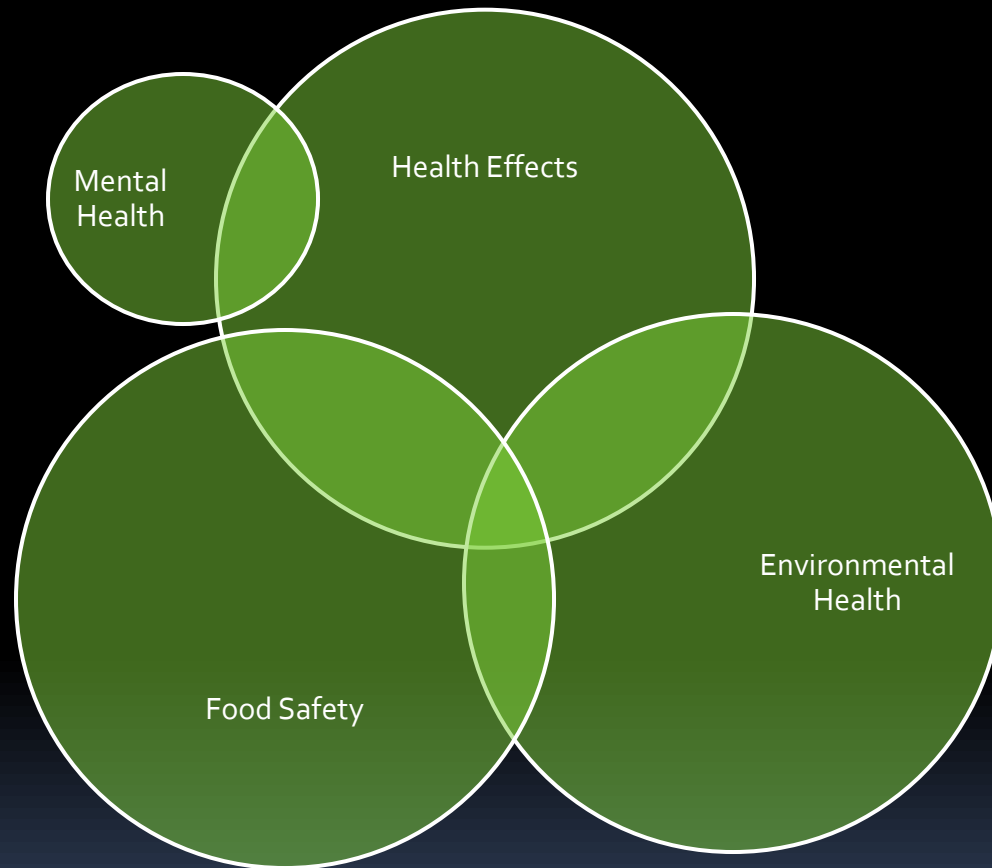
NC PUBLIC HEALTH RESPONSE



Biggest Threats of DHI for NC Public Health


- “Tar Balls” on the beaches
 - Contaminated fish in the food chain
 - Mental health
 - Returning workers from the Gulf
 - Lack of knowledge/science
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What is Public Health in NC?






DPH Services During an Incident

- Surveillance and Investigation
 - Risk Assessment
 - Laboratory Testing
 - Countermeasures
 - Risk Communications
 - Mass Fatality Management
 - Incident Management
- 



DPH Services During an Oil Spill

- Surveillance and Investigation
 - Risk Assessment
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DPH Services During an Oil Spill

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Custom Event Case Report



Notes:

- This report searches for keywords related to public health events in North Carolina. There may be 0, 1 or more events at any given time. To add a public health event to this report, please send your detailed request to Clifton Barnett, cbarnett@email.unc.edu.
- View Case Definition for all Custom Events included in this report.
- Searching by ALL counties or ALL PHRST regions excludes records with NULL and non-NC counties. To view these records in ED data, search by ALL hospitals.
- SAS Users: Instructions for importing NC DETECT line listing ED data from Excel into SAS and getting started with ICD-9-CM diagnosis code analyses.

Data Source:

Custom Event:

Date Range: From: To:

Location Type: Region County Hospital

Note:
Deselect "ALL"
before selecting
multiple locations.
Hold Ctrl to select
multiple locations.

- | | | |
|---------|-----------|-----------|
| --All-- | --All-- | --All-- |
| PHRST 1 | Alamance | Alamance |
| PHRST 2 | Alexander | Albemarle |
| PHRST 3 | Alleghany | Alleghany |
| PHRST 4 | Anson | Angel |

Age Group: All Specify

Display Chart Only:

Output Display Options: Default Specify

ED Results



Show Chart

Note: Excel export link at bottom of report.

Displaying 4 of total 4 records.

Hospital	Visit ID	Arrival Date and Time	City	County	State	Zip	Age	Sex	Chief Complaint	Triage Notes	Init Temp	Transport Mode	Disposition	Diagnosis Code(s)	Injury Code(s)	Disposition Diagnosis Description
									FALL ACCIDENTAL	States "I was fixin to get some gas and when I got out of the car there was oil and I slipped and fell and hurt the palm of my right hand and						

Ingestion	Consumption of unsafe shellfish	General population	Commercial and recreational shellfish harvesting restrictions Monitoring shellfish beds Monitoring shellfish brought into the state for consumption	M
	Consumption of unsafe fish or wildlife	General population	Issue fishing restrictions, disseminate information for recreational fishermen Monitor fish and other food brought into NC for consumption	L
	Consumption of contaminated soil	General population	Testing for soil contamination, Issue advisories that limit children from playing is contaminated soil	L
	Incidental ingestion from swimming in contaminated water	General Population	Issue advisories on beaches, Monitor through NC DETECT, Carolinas Poison Center	L
	Consumption of contaminated drinking water	General population	Testing for ground water contamination	L
	Death due to exposure	General population	Monitor deaths related to the oil spill	L

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<p>Direct Contact with Skin</p>	<p>Exposure to oil spill material on beaches and impacted areas</p>	<p>Visitors and residents of impacted areas</p>	<p>Issue Do Not Swim Public Health Beach Advisories issued;</p> <p>Monitor through NC DETECT, Carolinas Poison Center</p>	<p>M</p>
	<p>Lack of information and solutions for appropriate decontamination</p>	<p>Responders, volunteers assisting with clean up, residents of and visitors to impacted coastal areas</p>	<p>Dissemination of fact sheets and other decontamination information for responders, volunteers and receivers;</p> <p>provide adequate decontamination facilities for clean up workers by employer :</p> <p>provide training for workers</p>	<p>L</p>

Increased demand for health services	Responder safety and health support	Responders and volunteers assisting with the clean-up	Provide first aid support on-site,	H
			Provide responder safety information on heat, hydration and vectors,	
			Provide personal protective equipment	
			Monitor NC DETECT, Carolinas Poison Center,	
	Heat related illness and dehydration	Responders and individuals assisting with the clean-up	Provide hydration and cooling stations, limiting exposure time of volunteer personnel not accustomed to heat	H
	Risk for insect exposures	Responders and volunteers, individual with hypersensitivity to insect venom, insect-borne disease	Provide insect repellent, exclude responders with known hypersensitivities to insects from high risk activities Arbovirus surveillance	H
	Risk of increase in behavioral health issues	Responders, occupational groups affected by the spills, home owners at affected beaches	Disseminate stress management information and resources.	H
	Increase demand for healthcare services in impacted community	Individuals seeking employment and visitors to impacted coastal areas	Monitor NC DETECT, Carolinas Poison Center, Information on decontamination procedures disseminated to healthcare agencies	M
	Uncompensated care for injuries and illnesses associated with oil spill	Responders, volunteers, individuals coming to impacted areas in search of employment without health coverage	Evaluated retrospectively using hospital discharge data	M
	Long term health impacts from exposure	General population	Targeted Epidemiology study	L

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- Toxicologist Workgroup
 - Laboratory Workgroup



Communications

- Working through the Joint Information System/Center
 - Public messaging in media outlets of all kinds
 - “all incidents are local, all response is local”
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Incident Management

- Learning from others
 - Gulf State SHO calls
 - Region IV ESF 8 UPC
 - Discipline specific conference calls
 - Sharing of meeting and call notes
 - NC Oil Spill Strategy Group
 - DPH Oil Spill Workgroup



**OIL SPILL
AREA CLOSED**

