



Shanksville



New York City



Pentagon

## Research-to-Care Paradigm

STAC Meeting November 2016

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# Stakeholder Engagement

- Steering committee for responders
- Steering committee for survivors
- Federal advisory committee
- Research grantee conferences
- Medical forum meetings
- Information dissemination and research translation activities



# Initial Research Agenda

- Characterizing WTC-related disease
  - Chronic rhinosinusitis
  - Obstructive airway disease
  - Interstitial lung disease
  - Gastroesophageal reflux
  - Mental health: PTSD, depression, anxiety
- Linking 9/11 exposure to health conditions
  - Cancers
  - Autoimmune disorders

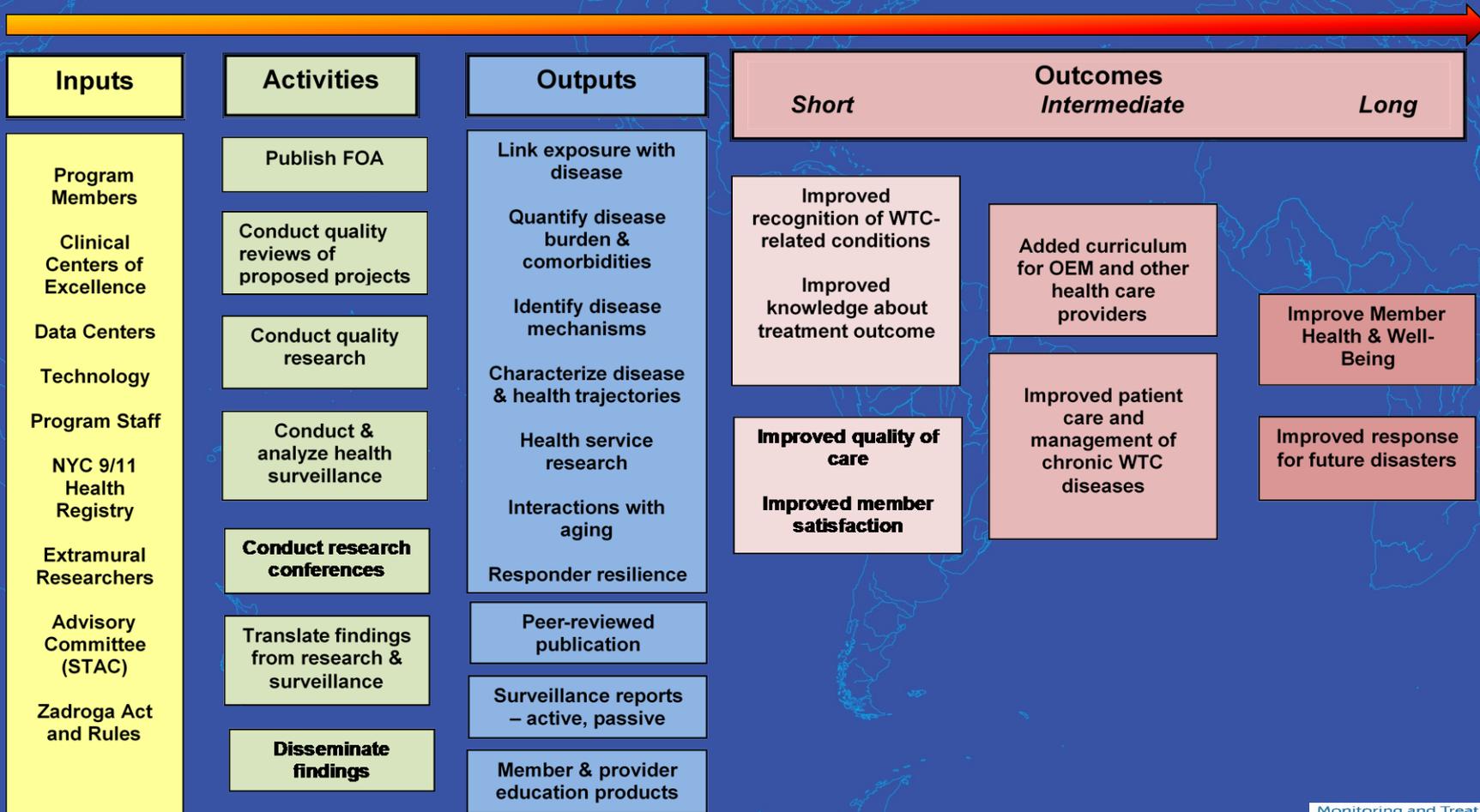


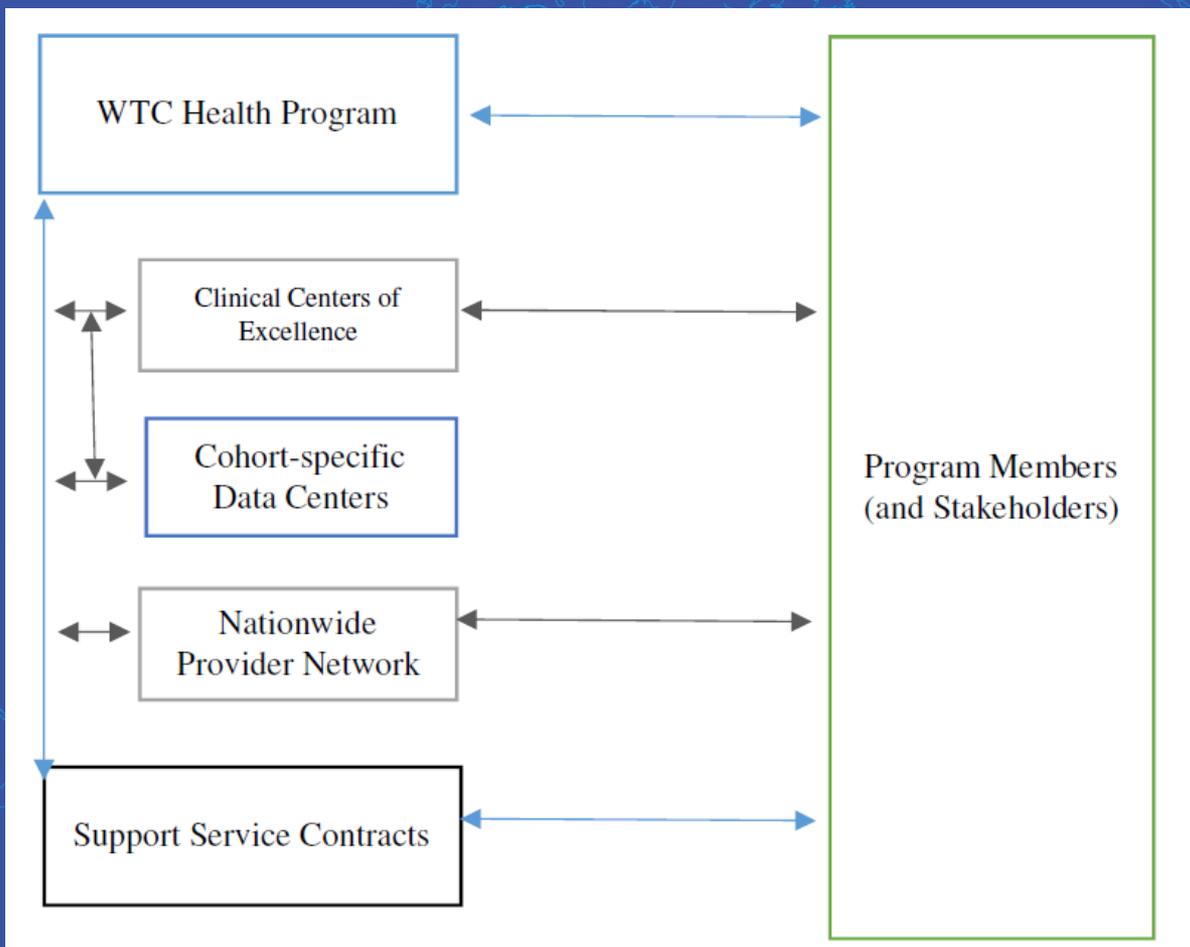
# Expanded Agenda 2016

- Health services research and value-based care models for chronic disease.
- Lessons for recovery - impacts on work-ability
- Psychological resilience for disaster responders
- Comparison groups for disaster-related responder research
- Aging -- premature? optimizing adaptation?
- Health trajectories for children exposed to 9/11

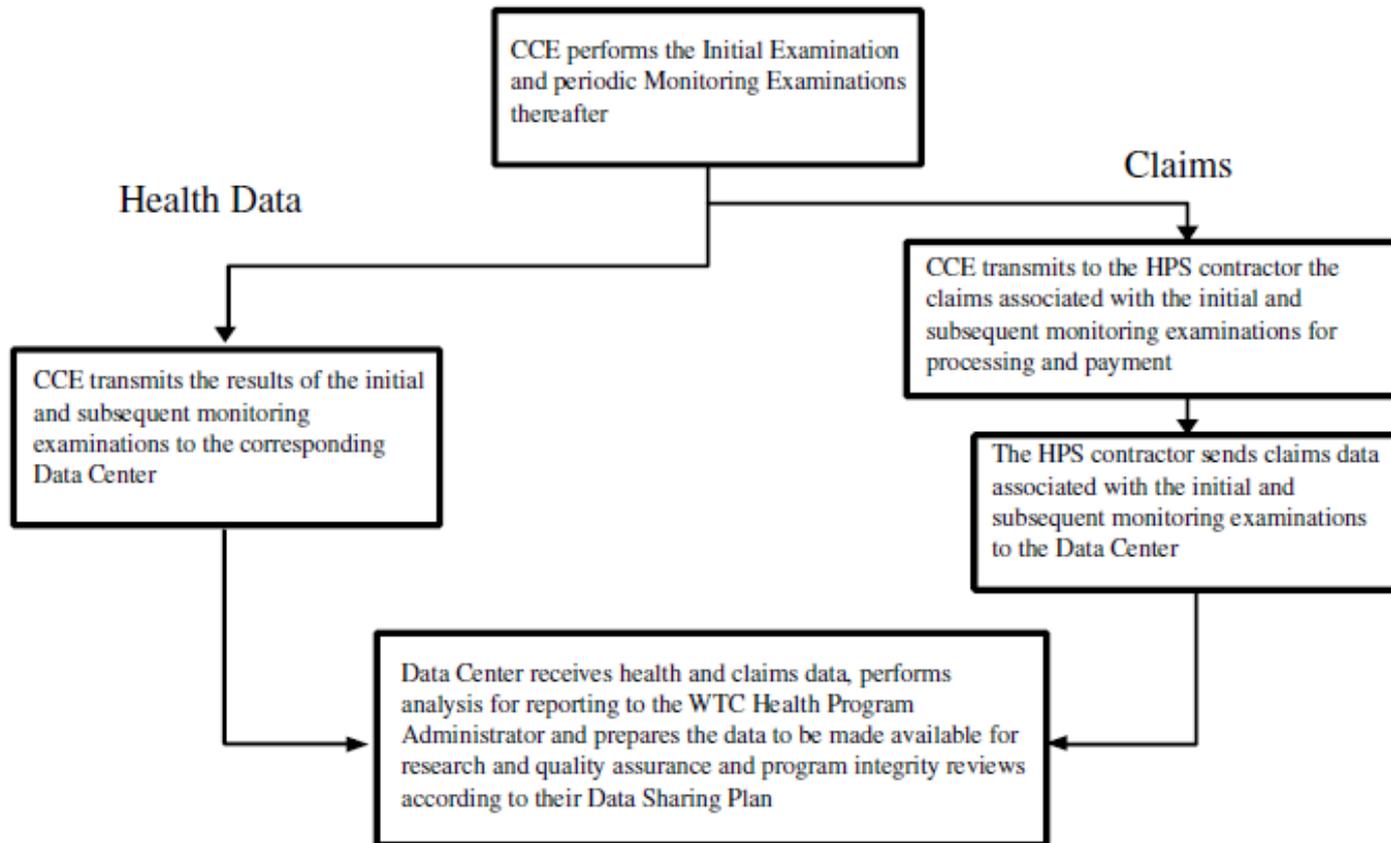


# Research-to-Care Model: Focus on Analysis, Research & Translation

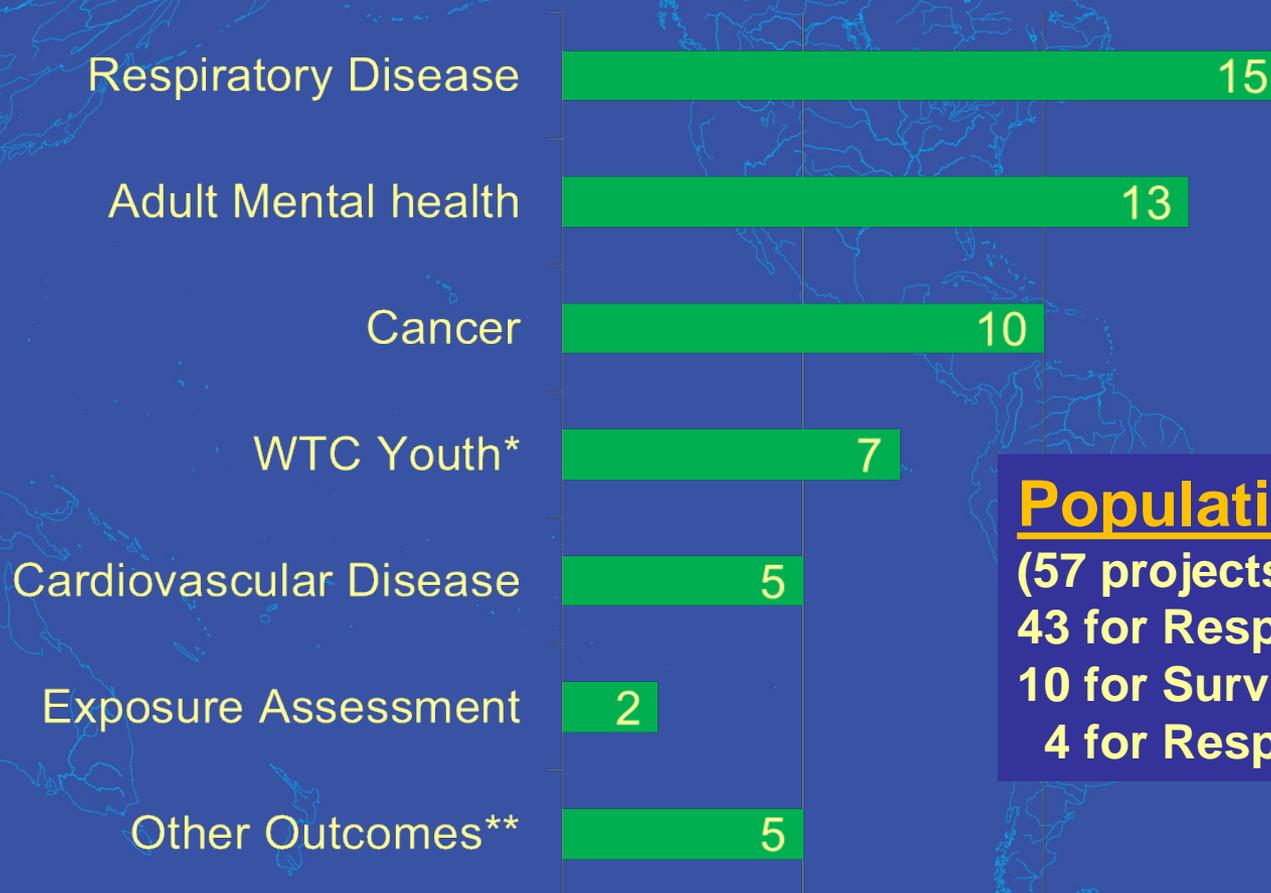




## Monitoring Data Flow



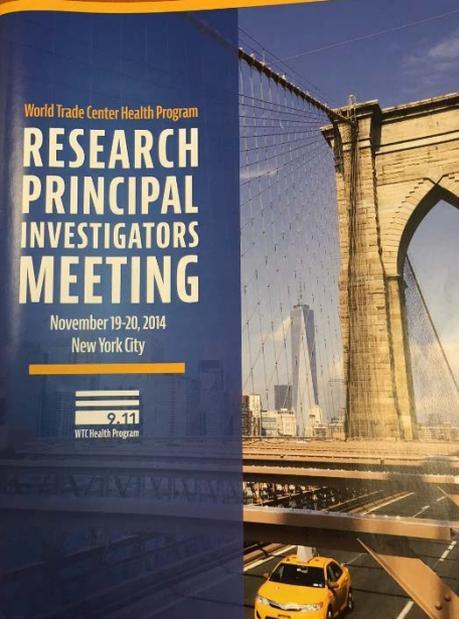
# Study Focus Areas



## Population Focus

(57 projects awarded since 2011)  
43 for Responders  
10 for Survivors Only  
4 for Responders and Survivors





# Number of Research Projects by Year Funded (n= 57, \$91.3M)

2011— 8 x 3-year projects funded

2012— 5 x 4-year & 5 x 2-year projects funded

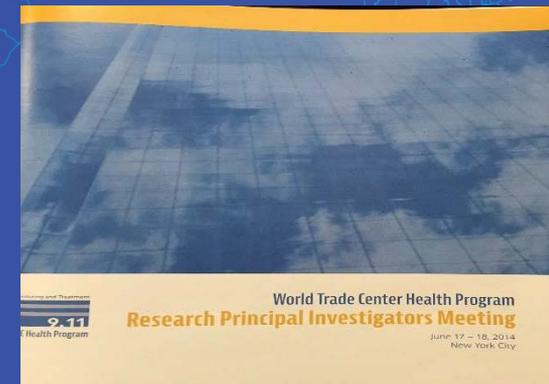
2013— 3 x 3-year & 3 x 2-year projects funded

2014— 10 x 2-year projects funded

2015— 7 x 1-year projects funded

2016—6 x 5-year; 3 x 4 year; 4 x 3 year; 3 x 2 year

Involves interactions with WTCHP Data Centers using data from initial and periodic medical monitoring exams conducted at WTCHP Clinical Centers of Excellence.



# WTCHP Registry Information

<http://www.nyc.gov/html/doh/wtc/html/registry/registry.shtml>

2003-2004 Wave 1 survey of health & 9/11 exposures

2006-2007 Wave 2 survey—adults and children

2010-2011 Staten Island landfill and barge workers

2011-2012 Wave 3 survey—adults, adolescents and parents of adolescents

2013 Hurricane Sandy exposure & health update

2014 Autoimmune disease survey

2015 Wave 4 survey (launched 04/15)

NYC Resources 311 Office of the Mayor  
En Español | Polska Wersja | 中文  
Translate this Page

## 9/11 Health

Home  
Historical Context  
Monitoring & Treatment  
Links  
Health Studies & Research  
News  
9/11 Health & Compensation Act  
Contact the WTC Health Registry

Rescue & Recovery Workers Residents Children City Employees Others Affected

### WTC Health Registry

Update Contact Info

#### Registry Enrollees By State

- 1 - 24 Enrollees
- 25 - 99 Enrollees
- 100 - 199 Enrollees
- 200 - 999 Enrollees
- 1,000 or More Enrollees

(Click on the map to zoom in. Right click to zoom out.)

Registries allow health professionals to track and investigate illness and recovery related to disasters. They also help create guidelines that can save lives and reduce injuries in



# WTCHP Research Portfolio Information

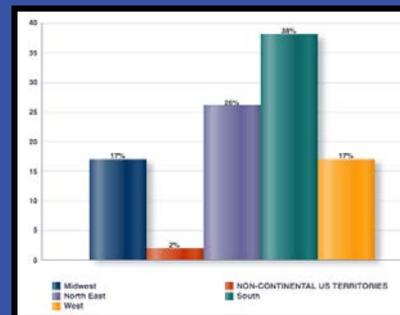
- Research Web site  
<https://wwwn.cdc.gov/ResearchGateway/ResearchProjects>
- Research Logic Model  
[http://www.cdc.gov/wtc/pdfs/research\\_to\\_care.pdf](http://www.cdc.gov/wtc/pdfs/research_to_care.pdf)
- Grantee Research Proceedings  
<http://www.cdc.gov/wtc/proceedings.html>
- **New Research FOA:**  
<https://grants.nih.gov/grants/guide/pa-files/PAR-16-098.html>



# Dissemination: Medscape for Distance Learning (CME)

ACTIVITY (as compiled 8/2016)	RELEASE DATE	LEARNERS	MD LEARNERS	TEST TAKERS	CREDITS
<b>After the 9/11 Terrorist Attacks: The World Trade Center Health Program and Disaster Response</b>	6/19/15	6,183	2,670	2,800	1390.25
<b>Health Risks Associated with 9/11 and the WTC Disaster: Lessons Learned</b>	6/24/15	5,442	1,750	2,365	1769.25
<b>Advances in the Screening and Treatment for WTC Responders and Survivors</b>	8/28/15	9,539	5,135	2,730	676.00
<b>Airway, Digestive, and Mental Health Comorbidities in WTC Responders and Survivors</b>	8/26/15	11,230	4,271	4,067	2017.00
<b>TOTALS</b>		<b>32,394</b>	<b>13,826</b>	<b>11,962</b>	<b>5852.50</b>

Test takers  
by region



Health Risks Associated with  
9/11 and the WTC Disaster:  
Lessons Learned



# Translation Design – Making Research More Social

