



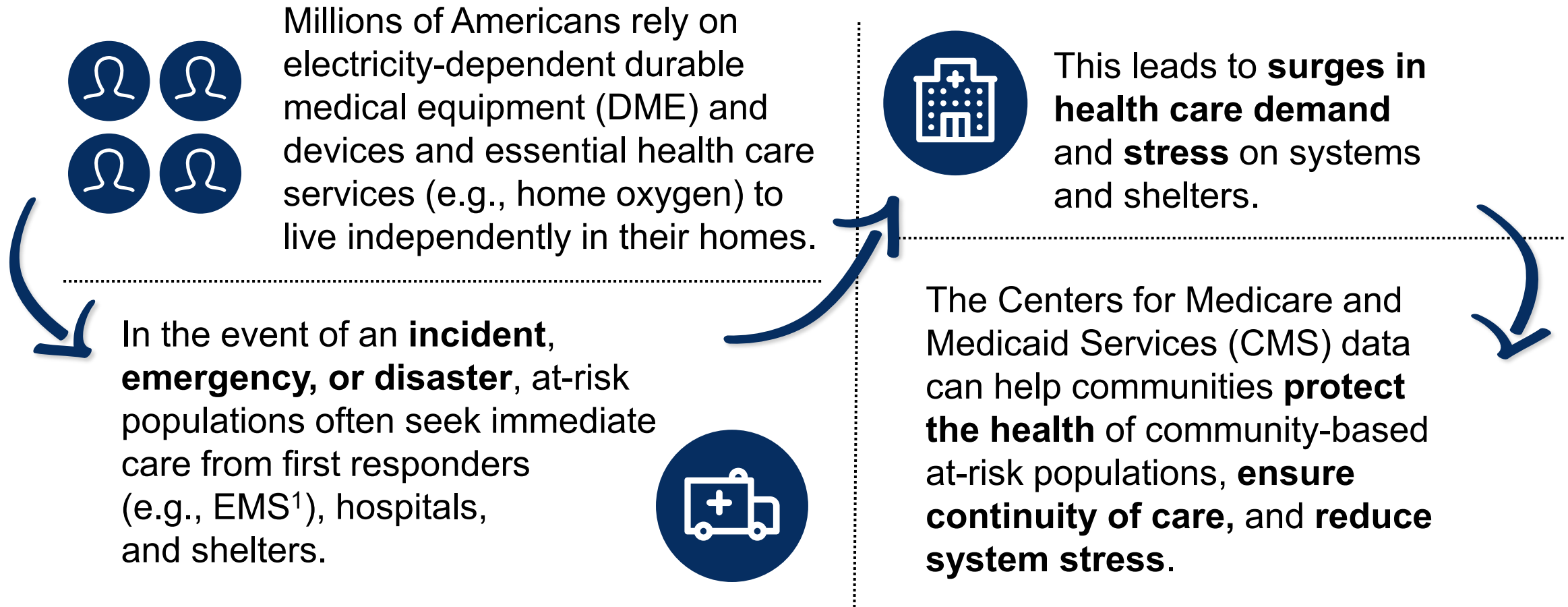
HHS emPOWER Program

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Center for Preparedness

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Why was the HHS emPOWER Program Created?



¹Emergency Medical Services (EMS)

Evidence for the HHS emPOWER Program

The Pilot

In 2013, ASPR partnered with CMS and the City of New Orleans Health Department to **assess whether Medicare claims data was timely enough to rapidly identify and locate at-risk individuals** who relied on electricity-dependent oxygen equipment.¹



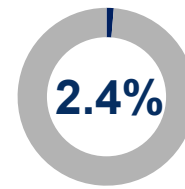
Medicare beneficiaries in the City of New Orleans with a claim for ventilator, oxygen concentrator, and/or oxygen tank.

The Results

- **611 Medicare beneficiaries** had a claim for an oxygen concentrator or ventilator, and 191 were visited
- Claims data were **93% accurate** in identifying the medical equipment*

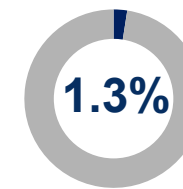
Pilot Data Findings

Only 15 people



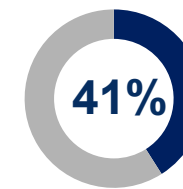
were enrolled in the city's special needs registry

Only 8 people



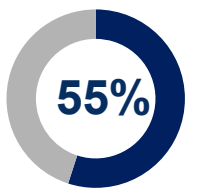
were enrolled in the electric company's registry

Almost half



did not have an emergency plan

Over half



would need assistance in an emergency

*Similar results were observed in an exercise in Broome County, New York

¹DeSalvo, K., Lurie, N., Finne, K., Worrall, C., Bogdanov, A., Dinkler, A., Kelman, J., et al. (2014). Using Medicare data to identify individuals who are electricity-dependent to improve disaster preparedness and response. *American Journal of Public Health*, 104(7), 1160-1164.

HHS emPOWER Program: emPOWERing Communities, Saving Lives

The [HHS emPOWER Program](#), a partnership between ASPR and CMS, provides dynamic data, mapping, and artificial intelligence (AI) tools, as well as training, informational resources, and technical assistance to help federal-to-community partners reduce health care system surge and protect the health of at-risk Medicare beneficiaries who live independently, including more than 4.5 million who rely on electricity-dependent DME and/or certain essential health care services (e.g., home oxygen).

[HHS emPOWER Map, REST Service, and emPOWER AI](#)

Public



[HHS emPOWER Emergency Planning Dataset](#)

Restricted

Services	Services	All Power Dependent
# Home health (1 month)	# At-Home Hospice (1 month)	# Electricity-Dependent Device and DME
11	11	44
59	50	13
11	11	44
59	50	13
59	50	13

[HHS emPOWER Emergency Response Outreach Dataset](#)

Secure, Restricted

INDIVIDUAL LEVEL DATASET - All At-Risk Individuals
 (Note: All data are restricted and used for illustrative purposes only.)

Initial Contact	First Name	Last Name	Date of Birth	Homebound/Plan Type	PO Box or Suburban Address
1	Anna	Smith	November 4, 1984	YES	0
2	Ann	Brown	February 15, 1985	NO	0
3	John	Taylor	December 20, 1988	NO	0
4	John	Doe	March 6, 1988	YES	0
5	Robert	Walker	May 20, 1990	YES	0
6	Mary	Johnson	September 18, 1992	YES	0
7	William	Jones	December 1, 1993	YES	0
8	William	David	July 14, 1995	NO	1

[HHS emPOWER Program Platform](#)

Training, Informational Resources, and Toolkits



Technical Assistance
 Regional, Federal, State, Tribal, Local, and Territorial (STLT) and Community Partners



Partners

Public Health Authorities (PHAs)

Health Care

Emergency Management

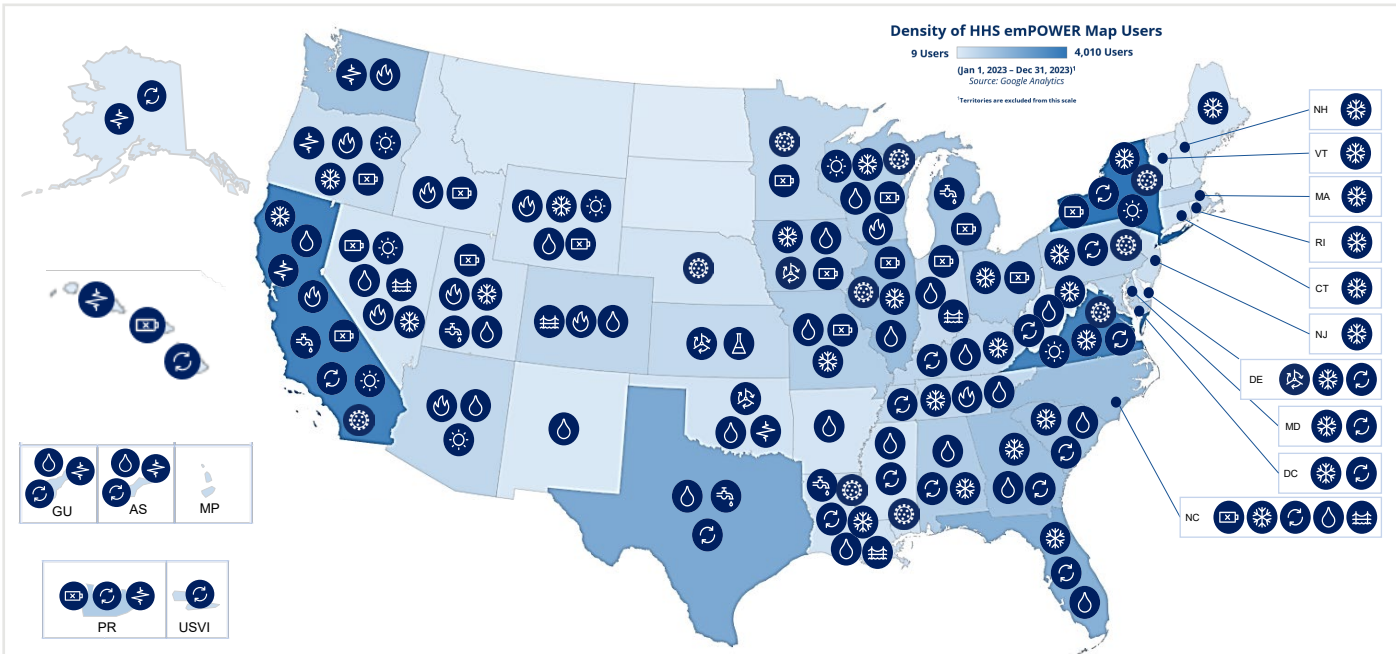
First Responders

Department of Defense (DOD)

Public Utilities, Transportation

Human Services

Volunteer and Community Organizations



Communities in all 50 states and 5 territories have used the HHS emPOWER Program tools to plan and support targeted responses to a variety of incidents, emergencies, and disasters:



¹Public Safety Power Shutoffs (PSPS).



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