ASPR
Administration for Strategic
Preparedness & Response

HHS emPOWER Program
emPOWERing Communities, Saving Lives

The HHS emPOWER Program, a partnership between ASPR and the Centers for Medicare and Medicaid Services (CMS), provides dynamic data and mapping tools, as well as training and resources, which help communities protect the health of more than four million Medicare beneficiaries who live independently and rely on electricity-dependent durable medical and assistive equipment (DME) and devices, and or essential health care services.

Preparedness   Mitigation   Response   Recovery

emPOWER's innovative tools support state, territory, local, and community efforts to anticipate, prepare for, and respond to the access and functional needs of at-risk individuals throughout the emergency management cycle.

HHS emPOWER Map, REST Service, and emPOWER AI

The HHS emPOWER Map is a publicly accessible, interactive map that displays the total number of at-risk Medicare beneficiaries using electricity-dependent DME and devices, and or essential health care services in a geographic area, down to the ZIP Code. This information helps communities acquire population-level situational awareness, conduct emergency planning activities, and enhance emergency response systems and processes to address the needs in a disaster.

The HHS emPOWER Representational State Transfer (REST) Service, allows Geographic Information System (GIS) users to consume the same data and map data layer in their own GIS systems.

The emPOWER AI tools also provides users with HHS emPOWER Map data and Program information.

Scan this QR code to access the map!

HHS emPOWER Emergency Planning Dataset

A tool that provides total counts of Medicare claims by type of electricity-dependent DME and devices, essential health care services, and at-risk combinations of data to provide counts of Medicare beneficiaries who rely on a health care service(s) and any electricity-dependent DME and devices at state, territory, county, major metropolitan areas, and ZIP Code levels.

Services	Services	Services	All Power Dependent		
# O2 services [tanks] (13 months)	# Home health (3 months)	# At-Home Hospice (3 months)	# Electricity-Dependent Devices and DME	# Cardiac Devices (5 years)	# Ventilators (13 months)
15	11	11	44	50	11
66	59	50	13	11	11
66	59	50	13	11	11
15	11	11	44	50	11

Note: This dataset cannot be used to identify individuals

Provided monthly to public health authorities for*: Acquiring population-level situational awareness; conducting emergency planning activities; and enhancing emergency response systems, processes, and triggers to expedite and address needs in a disaster.*

HHS emPOWER Emergency Response Outreach Dataset

A secure and restricted tool that can be officially requested by a public health authority, which meets certain requirements, to support life-saving assistance and outreach for public health activities in the event of an incident, emergency, or disaster. It contains limited individual-level and health care provider information.

Note: All data are fictitious and used for illustrative purposes only

Transmitted securely to authorized public health authorities upon approved official disclosure request for: *Activating emergency public health activities, deploying response assets and resources, activating emergency communications networks, and conducting life-saving outreach.*

Impact | HHS emPOWER Program

Since 2013, this program has emPOWERed communities in all 50 states, 5 territories, major metropolitan areas (Los Angeles County, New York City, and Chicago), and the District of Columbia to take action to protect at-risk populations throughout incidents, emergencies, and disasters.

Legend:
- Chemical Spill
- Earthquake
- Extreme Heat
- Flood
- Hurricane/Tropical Storm
- Infectious Disease
- Infrastructure Failure
- Severe Power Outage
- Tornado/Derecho
- Water Emergency
- Wildfire
- Winter Storm

Public health authorities and their partners have used one or more of the HHS emPOWER Program tools to accomplish the following emergency preparedness and response activities:

Set the Stage for Life-Saving Assistance: Nevada's state and county health departments leveraged the datasets to partner with the Aging and Disability Services Division, a Tribe Emergency Manager, DME suppliers, and others to conduct outreach during prolonged severe flooding events.

Identified Resource Gaps: Los Angeles County, CA, used emPOWER data and tools innovatively to inform multi-agency training and exercises and to protect the health of over 100,000 at-risk community members through wildfires, power outages, flooding and mudslides, and water quality emergencies.

Developed Systems and Processes: The state of Arizona used the map and datasets to prepare for, respond to, and work to mitigate severe weather, poor air quality, and power outage threats to at-risk individuals in emergencies.

Acquired Population-Level Situational Awareness: IL, IN, MI, MN, OH, and WI leveraged the emergency planning dataset when contributing to FEMA's multi-state regional power outage plan to help address needs at the local level in the event of a severe widespread power outage.

Coordinated Response Efforts: Tennessee Department of Health used the Emergency Response Outreach dataset to assist the Army National Guard in conducting life-saving outreach to over 70 oxygen dependent at-risk individuals during severe wildfires.

Identified Resources for Emergency Scenarios: City of New Orleans, LA, used the map and datasets to make informed decisions about the locations of emergency shelters and to conduct life-saving outreach to at-risk individuals during infrastructure failures and hurricanes.

Conducted Life-Saving Outreach: Broome County, NY Department of Health leveraged the Emergency Response Outreach dataset to identify and conduct outreach to 58 at-risk residents without power during a severe outage, and to make decisions on power restoration.

Conducted Targeted Outreach: Philadelphia County, PA, used the Emergency Response Outreach dataset to conduct COVID-19 response outreach to 13,000 at-risk individuals and engaged home health agencies to provide health, safety, and service information.

Activated Emergency Communication Networks: Florida Department of Health used the Emergency Response Outreach dataset to conduct life-saving outreach to over 40,000 at-risk residents during Hurricane Matthew.

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