# HHS emPOWER Program
## *emPOWERing Communities, Saving Lives*

The HHS emPOWER Program, a partnership between ASPR and the Centers for Medicare and Medicaid Services, provides dynamic data and mapping tools to help communities **protect the health of more than 4.2 million Medicare beneficiaries** who live independently and rely on electricity-dependent medical equipment and health care services.

Preparedness → Response → Recovery → Mitigation

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

A public, interactive map that displays the total number of at-risk electricity-dependent Medicare beneficiaries in a geographic area, down to the ZIP Code. A Representational State Transfer (REST) Service, provided via ASPR's GeoHEALTH platform, allows users to consume the same map data layer in their own geographic information system. Users can also request HHS emPOWER Map data and Program information by using emPOWER AI on Google Assistant and Amazon Alexa.

*Scan this QR code to access the map!*



**Publicly accessible at https://empowermap.hhs.gov** *for:*

*Acquiring population-level situational awareness; conducting emergency planning activities; developing emergency response systems, processes, and triggers; and planning for life-saving outreach.*

## HHS emPOWER Emergency Planning De-identified Dataset

A tool that provides the monthly total number of Medicare claims for select electricity-dependent medical equipment and health care services in a geographic area, down to the ZIP Code.

*(This dataset cannot be used to identify individuals)*

| 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 |

**Provided monthly to public health authorities** *for:*

*Acquiring population-level situational awareness; conducting emergency planning activities; developing emergency response systems, processes, and triggers; identifying planning factors; identifying resources for emergency scenarios; and planning for life-saving outreach.*

## HHS emPOWER Emergency Response Outreach Individual Dataset

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



**Securely transmitted to authorized public health authorities upon approved official disclosure request** *for:*

*Activating emergency plans; deploying response assets and resources; activating emergency communications networks; and conducting life-saving outreach.*
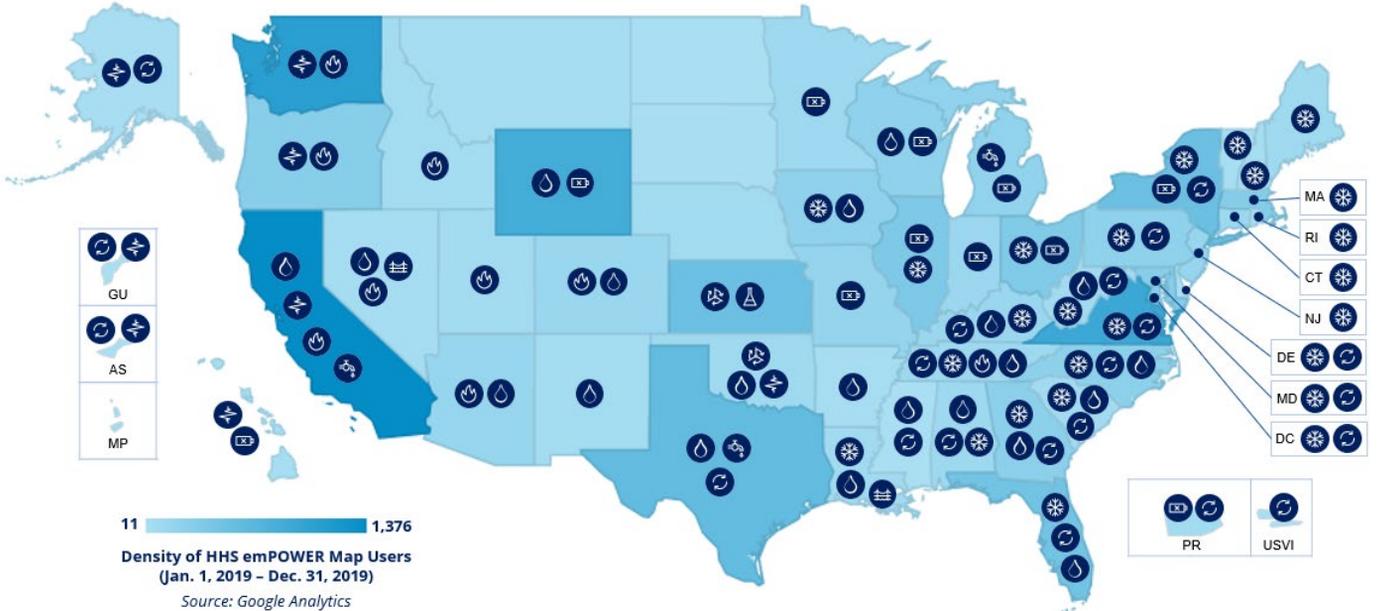
Updated: 2/20/2020

# IMPACT | HHS emPOWER Program

Since 2013, this program has emPOWERed communities in **all 50 states and 5 territories** to strengthen emergency preparedness and take action to protect at-risk populations throughout incidents, emergencies, and disasters. By the end of 2019, over 65,000 users had accessed the HHS emPOWER Map.

*Communities have used HHS emPOWER Program tools **prior to, during, and after** the following incidents, emergencies, and disasters:*

| Chemical Spill | Earthquake | Flood | Hurricane/ Tropical Storm | Infrastructure Failure | Severe Power Outage | Tornado | Water Emergency | Wildfire | Winter Storm |
|---|---|---|---|---|---|---|---|---|---|



**11 — 1,376**

**Density of HHS emPOWER Map Users**
(Jan. 1, 2019 – Dec. 31, 2019)
*Source: Google Analytics*

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*Public health authorities and their partners 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:** NV'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 at-risk individual outreach during multiple prolonged severe flooding events.

**Identified Resource Gaps:** Los Angeles County, CA, requested the individual dataset to identify and contact 38 local DME and oxygen providers, serving approximately 600 at-risk individuals, to identify resource gaps.

**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 de-identified dataset when contributing to FEMA's multi-state regional power outage plan that was developed 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 individual 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 for at-risk individuals.

**Conducted Life-Saving Outreach:** NY Broome County Health Department leveraged the individual dataset to quickly identify and conduct outreach to 58 at-risk residents without power during a severe outage, and made informed decisions on power restoration.

**Conducted Targeted Planning Activities:** Fairfax County, VA, used the map and datasets to plan for the access and functional needs of at-risk residents in anticipation of a winter storm.

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

**Updated: 2/20/2020**