



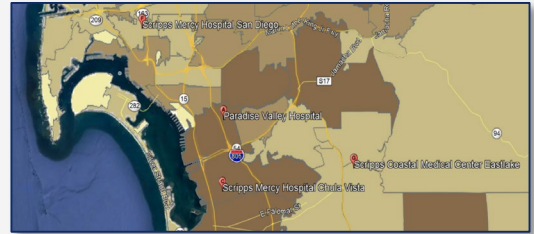
# HHS emPOWER Program

## HHS emPOWER REST Service\_Public: ACCESS THE MAP DATA LAYER

The de-identified Medicare data displayed on the HHS emPOWER Map is also available as a Representational State Transfer (REST) Service via ASPR's GeoHEALTH Platform. Users can readily access, consume, and apply the map data layer in their own geographic information system (GIS) application to support national, state, territory, local, and community-based GIS analyses.

### Why use the HHS emPOWER Map data layer?

Public health, health care, emergency management, first responders, utilities, health information technology professionals, and many other community partners can use the data layer to map the number of electricity-dependent individuals in an area against hospital and shelter locations, evacuation routes, and more to inform emergency preparedness, response, recovery and mitigation efforts.



HHS emPOWER Map data layer and hospital locations in San Diego, CA



### Access the HHS emPOWER REST Service\_Public

**HHS emPOWER Map 3.0**

Over 2.5 million Medicare beneficiaries rely on electricity-dependent medical equipment, such as ventilators, to live independently in their homes. Severe weather and other emergencies, especially those with long power outages, can be life-threatening for these individuals.

The HHS emPOWER Map is updated monthly and displays the total number of at-risk electricity-dependent Medicare beneficiaries in a geographic area, down to the ZIP Code.

The HHS emPOWER Map gives every public health official, emergency manager, hospital, first responder, electric company, and community member the power to discover the electricity-dependent Medicare population in their state, territory, county, and ZIP Code. When combined with real-time severe weather and hazard maps, communities can easily anticipate and plan for the needs of this population during an emergency.

For more information on when and how to use the HHS emPOWER Map please see the resources section.

**Resources**

- [HHS emPOWER Program Fact Sheet](#)
- [HHS emPOWER REST Service\\_Public](#)

Alert: Effective February 19th, ASPR completed a REST Service update, including a new name. To resume consumption of this REST Service, you must go to the REST Service link above to connect to the newly named endpoint.

### Option 1: Navigate from the emPOWER Map Webpage

**Step 1:** Visit the HHS emPOWER Map webpage at <https://empowermap.hhs.gov/>.

**Step 2:** Select the link labeled "HHS emPOWER REST Service\_Public" in the Resources box.

### Option 2: Visit the REST Service Webpage Directly

GIS programmers may prefer to visit the HHS emPOWER REST Service\_Public webpage on ASPR's GeoHEALTH Platform directly by accessing the URL below and scrolling down to the "Layers" section. GIS programmers may also access the webpage by scanning the QR code at right.

Full URL: [https://geohealth.hhs.gov/dataaccess/rest/services/HHS\\_emPOWER\\_REST\\_Service\\_Public/MapServer](https://geohealth.hhs.gov/dataaccess/rest/services/HHS_emPOWER_REST_Service_Public/MapServer)

Scan this QR Code



### Option 3: Navigate from the Homepage of ASPR's GeoHEALTH Platform

**Step 1:** Go to [ASPR's GeoHEALTH Platform](#), ASPR's interactive GIS-based mapping application.

**Step 2:** Select the picture labeled "HHS emPOWER REST Service\_Public." A new page will open with a density map of the United States.

**Step 3:** On the left panel under the "About" tab, select the link that says "More Details..." A new page with a map description and link to the data layer will appear.

**Step 4:** On the map information page, scroll down to the section that says "Layers" and select the link that says "HHS emPOWER REST Service\_Public." This link will take you to the REST Service.



Updated: 1/31/2020



# HHS emPOWER REST Service\_Public: View, Consume, and Apply the Map Data Layer



## View and Consume the HHS emPOWER Map Data Layer in the REST Service

The [HHS emPOWER REST Service Public webpage](#) provides a description of the data layer, the purpose of the data, multiple options with which to view the data layer, and links to view State/Territory, County, and ZIP Code-level data.

**To view and interact with the data layer covering the entire United States, click on any of the options next to "View In"**

**Users may view the GIS data in several different formats, depending on the preference of the GIS analyst/programmer**

**This REST Service is approved for use by all partners and is intended to be used to help inform and support emergency preparedness, response, recovery, and mitigation activities in all communities**

**Legends and a link to all data layers and tables are available under "Map Name"**

**Each link under the Layers section will take the user to a page specifically for State/Territory, County, or ZIP Code-level datasets. Each of these pages provides additional information on each data layer**

**Map Name:** [Legend](#)  
[All Layers and Tables](#)  
[Dynamic Legend](#)  
[Dynamic All Layers](#)

**Layers:**

- Electrically Dependent -All 1yr ZipLevel (0)
- Electrically Dependent DME-All 1yr CountyLevel (1)
- Electricity Dependent DME-All 1yr StateLevel (2)

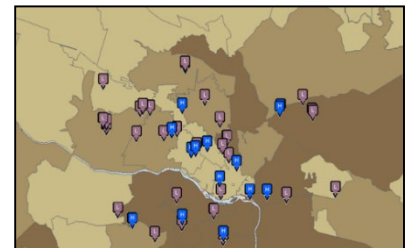


## Apply the HHS emPOWER REST Service\_Public

The HHS emPOWER Map data layer in the HHS emPOWER REST Service\_Public allow users to gain deeper insight across the emergency management cycle, such as:

- Identifying **optimal locations, staffing, resources, and power needs** for shelters based on the number of at-risk Medicare beneficiaries in a given area
- Anticipating potential **health care and emergency medical services surge** based on the density of at-risk beneficiaries and location of health care facilities
- Planning for evacuation needs** and identifying evacuation routes
- Supporting **power restoration decision-making**

...and more!



An emPOWER data layer overlaid with hospital/health care facility and major transportation hub locations in Virginia

Updated: 1/31/2020