

BLUF*

There are three datasets, a public facing map, de-identified data that can be used pre-event for planning and identified data that can be requested during an emergency for response

Context

- **HHS Empower Map (Public/Non-Restricted De-Identified Data)**
 - GIS based data that shows the number of electrically dependent recipients in a given area.
- **HHS emPOWER Emergency Planning Datasets Restricted De- Identified Data (Monthly)**
 - Can be shared with partners
- **HHS emPOWER Emergency Response Outreach Individual Datasets for Public Health Authority Only -Identified Data (Restricted Use)**
 - Complete information
 - Officially requested to support life-saving assistance and outreach public health activities in the event of an incident, emergency, or disaster.
- Only CMS beneficiaries

Points of Contact for Questions

- John Cooke john.cooke@vdh.virginia.gov

**Bottom Line Up-Front (BLUF) is a briefing technique used to create a clear, concise understanding of a situation. The intent is to provide cross-team understanding and support to generate questions, feedback, or action.*

<https://empowerprogram.hhs.gov/empowermap>

HHS.gov U.S. Department of Health & Human Services PHE.GOV

← Return to HHS emPOWER Program Platform

HHS emPOWER Map

INTERACTIVE MAP CROSS-JURISDICTIONAL TOTALS DATA INFORMATION

DOWNLOAD HHS EMPOWER MAP JOB AID
DOWNLOAD HHS EMPOWER REST SERVICE JOB AID
DOWNLOAD HISTORICAL DATASETS

Medicare Electricity-Dependent Populations by Geography

Over 2.7 million Medicare beneficiaries rely on electricity-dependent durable medical and assistive equipment and devices, such as ventilators, to live independently in their homes. Severe weather and other emergencies, especially those with prolonged 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 (i.e., state, territory, county, or ZIP Code), as well as near real-time natural hazard data.

Map users can select different geographies, as needed, to identify at-risk populations and download selected data results to inform emergency preparedness, response, recovery, and mitigation public health activities. Users can also access near real-time natural hazard data layers to anticipate and address the needs of at-risk community members in emergencies. For more information, review the job aids in the top right corner.

MEDICARE DATA TOTALS

TOTAL BENEFICIARIES:	1,586,704
TOTAL ELECTRICITY-DEPENDENT BENEFICIARIES:	72,110

Hover over or select attributes to display Medicare data for a state, or county(ies) or ZIP Code(s) within a state, and natural hazard data. Download selected Medicare data in the table below.

Select a state: Select a county: Select a ZIP Code: Natural hazards (Optional): Map style (Optional):

SELECTED GEOGRAPHIES:

Esri | HERE, Garmin, NGA, USGS, NPS | NOAA/NWS/NHC esri

De- Identified Data (County and Zip Code)

- This data set provides more granular de-identified data
 - Medicare totals by type of DME and healthcare services
- Sample Use Cases
 - Inform power restoration prioritization decision making at all levels
 - Identify optimal locations, support, and power needs for multiple devices in shelters
 - Assessing potential transportations needs for evacuating

County	# Medicare Beneficiaries in County	# Beneficiary Addresses (Excludes P.O. Boxes and Unknowns)	Services		Services		Services		All Power Dependent	
			In-Facility ESRD (3 months)	Oxygen Services [Tanks] (13 months)	Home Health (3 months)	Cardiac Device, Ventilator, BiPAP, Oxygen Concentrator, Enteral Feeding, IV Infusion Pump, Suction Pump, At-Home ESRD, Motorized Wheelchair, Scooter, or Electric Bed				
			# In-Facility ESRD Dialysis	# Masked Zip Codes in County	# O2 Services [Tanks]	# Masked Zip Codes in County	# Home Health	# Masked Zip Codes in County	# Electricity-Dependent Devices and DME	# Masked Zip Codes in County
Accomack	7,894	4,407	211	18	281	19	365	12	433	11
Albemarle	15,200	13,694	140	9	248	8	387	6	526	6
Alexandria City	13,208	12,438	113	3	89	4	369	0	250	0
Alleghany	1,921	1,416	22	2	46	1	66	1	138	1
Amelia	2,562	2,272	22	2	60	1	76	0	148	0
Amherst	6,759	5,747	64	1	181	0	172	0	425	0
Appomattox	3,425	2,763	33	3	93	1	108	1	208	0
Arlington	18,280	17,530	135	4	129	3	592	1	388	1
Augusta	9,848	8,114	121	11	302	7	233	13	558	4
Bath	1,345	905	11	1	69	4	53	3	108	2
Bedford	16,098	14,937	104	7	296	4	391	3	851	1
Bland	1,597	1,181	44	4	71	3	54	3	165	0
Botetourt	6,810	5,723	66	6	150	2	143	1	345	1

De- Identified Data (County and Zip Code)

- # In-Facility ESRD Dialysis
- # Oxygen Services [Tanks]
- # Home Health
- # At-Home Hospice
- # Electricity-Dependent Devices and DME
 - # Cardiac Devices
 - # Ventilators
 - # BiPAPs
 - # O2 Concentrators
- # Enteral Feeding
- # IV Infusion Pumps
- # Suction Pumps
- # At-Home ESRD Dialysis
- # Motorized Wheelchairs or Scooters
- # Electric Beds & Any DME
- # Oxygen Services [Tanks] and Any DME
- # Home Health & Any DME
- # At-Home Hospice & Any DME
- # Electricity Dependent Devices/DME and Any Healthcare Service



Outpatient Facility Dialysis

Outpatient dialysis services for patients with ESRD



Home Health Care Services

Home health services including skilled nursing care and physical therapy, etc.



Oxygen Tank Services

Oxygen tank service delivery for patients with qualifying conditions



Home Hospice Care Services

Hospice services provided in a personal residence to a terminally ill individual



Cardiac Devices (4): Left, right, and bi-ventricular assistive devices and total artificial hearts (LVAD, RVAD, BIVAD, and TAH) are mechanical pumps that support or replace heart function in people with heart failure



Ventilator: Provide 24 hour a day life-maintaining/ saving ventilation and oxygen for an individual



Suction Pump: Used by individuals who have difficulty clearing mucosal secretion in their airway and or for gastric secretions



Oxygen Concentrator: Provides life-maintaining or saving oxygen from the air 24 hours a day or as supplemental oxygen for certain respiratory conditions



Enteral Feeding Tube: Provides nutrition to patients who cannot obtain nutrition by mouth, are unable to swallow safely, or need nutritional supplementation



Electric Bed: Features include adjustable heights for the bed, head, and feet, adjustable side rails, and electronic buttons to operate the bed and other nearby electronic devices



IV Infusion Pump: Delivers controlled levels of fluids, medication, or nutrients into a patient's circulatory system



Bi-level Positive Airway Pressure Device (BiPAP): Provides non-invasive inhalation and exhalation mechanical pressure support ventilation to keep airways open



End-Stage Renal Disease (ESRD) At-Home Dialysis: At-home peritoneal or hemodialysis machines for patients that need frequent dialysis treatments



Motorized Wheelchair or Scooter: Mobility equipment for individuals unable to propel a manual wheelchair

emPOWER Emergency Response Outreach Individual Datasets for Public Health Authority Only -Identified Data (Restricted Use)

Name, Address, Responsible Party, Home Health Agency, Facility and Dialysis provider.

Request must be made by your Director.

Preliminary Request

- Heads Up, agreement from leadership
- Notify HHS so that they can start preparing data
- empower@vdh.virginia.gov with a copy to OCOM, CHS Deputy Commissioner and Operations Manager. If this email does not come from the local health district director, they must be copied on the email.

Formal Request to HHS

- CMS/Public Health Authority (PHA) **Cover Letter (signed by OCOM)**
- CMS/Public Health Authority **Data Request and HIPAA Privacy Rule Authority for Disclosure Assertion (signed by OCOM)**
- CMS/Public Health Authority **Data Use Agreement (DUA) Form CMS-R-0235(signed by OCOM)**
- CMS/ Public Health Authority Data Use Agreement Amendment (signed by OCOM)
- HHS emPOWER Initiative Data Request Form- Individual Data Request Checklist

HHS Approval & Data Download

- VDH will receive email notification of the approval status from HHS (CMS/ASPR) and any next steps.
- CMS discloses the CMS Response Outreach Dataset via the secure Acumen LLC portal mechanism
- Download Excel file from Acumen

Data Dissemination

- Sort and filter data as needed
- Send to LHD point of contact encrypted or password protected
- Timeline 6-8 hours weekdays or 8-10 on weekends if all goes as planned.*

Demobilization

- The LHD Custodian will provide notice to the VDH team when operational use of the data has **ceased**.
- The LHD Custodian will **ensure all copies of the data have been destroyed, including any downstream copies**.
- The LHD Custodian and Supervisor will sign a Certificate of Destruction** and provide to the VDH emPOWER team.
- The LHD Custodian will provide the emPOWER team with a copy of the Excel “Data Sharing Tracking Log.”

Required Elements
<p>Requester Name and Contact Information Provide the name of the person responsible for the request (internal / external to the LHD). <i>LHDs should ensure this person has sufficient authority to request sensitive information on behalf of their agency.</i></p>
<p>Requesting Organization Name Provide the name of the requesting organization. <i>Data will only be provided to other governmental agencies.</i></p>
<p>Local Health District Provide the name of the Local Health District requesting information on behalf of the requesting organization. <i>The Local Health District Director is responsible for approving all requests at the Jurisdictional level.</i></p>
<p>Public Health Name and Contact Info Name of the Local Health Department employee who is facilitating the request on behalf of the organization. <i>All VDH correspondence, including the data files will be provided to this individual.</i> <i>After-hours contact information must be included. This person shall be designated as the LHD data custodian</i></p>
<p>Geographic Scope Provide the geographic scope of the request. Data may be requested either by <u>Zip Codes (must provide individual zip codes)</u> or <u>at the county level</u>. <i>Geographic scope MUST be limited to the minimum data set necessary</i></p>
<p>Event Description General overview of the event necessitating the request. <i>An event notification must have been created in the Virginia Healthcare Alerting and Status System (VHASS) prior to an emPOWER request.</i></p>
<p>Data Users Provide a general description of the parties who will be using the data. (e.g. Local Government Employees, First Responders, MRC Volunteers.)</p>
<p>Purpose Provide a description of what the requesting organization plans to do with the data. Requesting organizations MUST provide an actionable plan of how they will utilize the data in response to the emergency. A request for data without an actionable plan will be denied.</p>
<p>Data Description (ESRD, Home health, Mobility Dependent etc.) Specify the data type that you are requesting.</p>

Privacy

Data covered under this program includes protected health information covered under the Health Insurance Portability and Privacy Act (HIPAA).

CMS, ASPR and VDH have a legal obligation to protect the integrity, security, and confidentiality of information maintained by this program and to permit appropriate disclosure and use of such data.

- The **data being requested is the minimum necessary**, relevant to, and necessary to support the Department's work to enhance situational awareness of, outreach and assistance to, and emergency planning for at-risk and vulnerable individuals prior to, during, and in the aftermath of an incident, emergency, or disaster that poses an adverse health and/or public health impact.
- **The party that we designate as the recipient/custodian of the requested dataset is either an employee, contractor DUA amendment** who is tasked with carrying out our public health authority activities.
- The Department has the appropriate safeguards implemented for all personally identifiable information (PII) and protected health information (PHI) **and will also ensure that all individuals with access to the data, including those conducting the public health activities, are HIPAA trained.**