











# ASPR Administration for Strategic Preparedness & Response

## HHS emPOWER Program QUICK REFERENCE | MEDICARE DATA IN HHS EMPOWER PROGRAM TOOLS

### Electricity-dependent Durable Medical and Assistive Equipment (DME) & Certain Cardiac Implantable Devices

The [HHS emPOWER Map](#), [HHS emPOWER Representational State Transfer \(REST\) Service](#), [HHS emPOWER AI](#), and [HHS emPOWER Emergency Planning Dataset](#) provide monthly updated de-identified totals of Medicare insurance claims data at the state, territory, county, major metropolitan areas, and ZIP Code levels, for these DME and certain cardiac implantable devices:

-  **Cardiac Devices:** 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
-  **Electric Bed:** Type of bed designed to feature adjustable heights for the bed, head, and feet, adjustable side rails, and electronic buttons to operate the bed and other nearby electronic devices
-  **Oxygen Concentrator:** Medical devices that provide life-maintaining or saving oxygen from the air 24 hours a day or as supplemental oxygen for certain respiratory conditions
-  **IV Infusion Pump:** Type of medical pump used to deliver controlled levels of fluids, medication, or nutrients into a patient's circulatory system
-  **Suction Pump:** Medical devices used by individuals who have difficulty clearing mucosal secretion in their airway and/or for gastric secretions
-  **At-Home Dialysis Machine:** At-home peritoneal or hemodialysis machines for patients that need frequent dialysis treatments
-  **Bi-level Positive Airway Pressure Device (BiPAP):** Ventilators that provides non-invasive inhalation and exhalation mechanical pressure support to keep an individual's airways open
-  **Enteral Feeding Tube:** Medical devices that provide nutrition to patients who cannot obtain nutrition by mouth, are unable to swallow safely, or need nutritional supplementation
-  **Ventilator:** Breathing machines that provides 24 hour a day life-maintaining or saving ventilation and oxygen for an individual
-  **Motorized Wheelchair or Scooter:** Mobility equipment for individuals who are unable to propel a manual wheelchair






### Health Care Services

The [HHS emPOWER Emergency Planning Dataset](#) also provides public health authorities with more detailed, de-identified data for the electricity-dependent DME, by type of equipment, and adds additional data for the following health care services:

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| <b>In-Facility ESRD Dialysis</b>  | <b>Oxygen Tank Services</b>   | <b>Home Health Care Services</b>  | <b>At-Home Hospice Care Services</b>  |
| Services for dialysis treatment in a facility                                       | Home oxygen tank service delivery for patients with qualifying conditions           | Home health services including skilled nursing care and physical therapy, etc.      | Hospice services provided in a personal residence for an individual with terminal illness |

### At-Risk Combinations

The **At-Risk Combinations** data provides counts of Medicare beneficiaries who rely on a health care service(s) and any electricity-dependent DME and certain cardiac implantable devices, down to the ZIP Code level, for the HHS emPOWER Map, HHS emPOWER Emergency Planning Dataset, and HHS emPOWER REST Service.

-  **In-Facility ESRD Dialysis and Any DME:** Individuals receiving in-facility ESRD dialysis treatment services and use one or more types of electricity-dependent DME and devices
-  **Oxygen Tank Services [Tanks] and Any DME:** Individuals with qualifying conditions who receive home oxygen tank service delivery and use one or more types of electricity-dependent DME and devices
-  **Home Health Care Services and Any DME:** Individuals who receive home health care services and use one or more electricity-dependent DME and devices
-  **At-Home Hospice Care Services and Any DME:** Individuals who use at-home hospice care and use one or more electricity-dependent DME and devices
-  **Any Health Care Service and Any DME:** Individuals receiving any healthcare service and who use one or more electricity-dependent DME and devices such as ventilators, oxygen concentrators, BiPAPs, enteral feeding machines, intravenous (IV) pumps, suction pumps, at-home dialysis machines, electric wheelchairs and scooters, electric beds, and cardiac devices that include right, left, and biventricular assistive devices (LVAD, RVAD, BIVAD) and total artificial hearts (TAHs)