

Dialysis Machines need more than 150 gallons (575 liters) of water for every station they operate at a dialysis center for each 3-4 hour treatment.

If the center has 10 stations and operates 24 hours a day, that is 12,000 gallons (46,000 liters) of water needed per day.

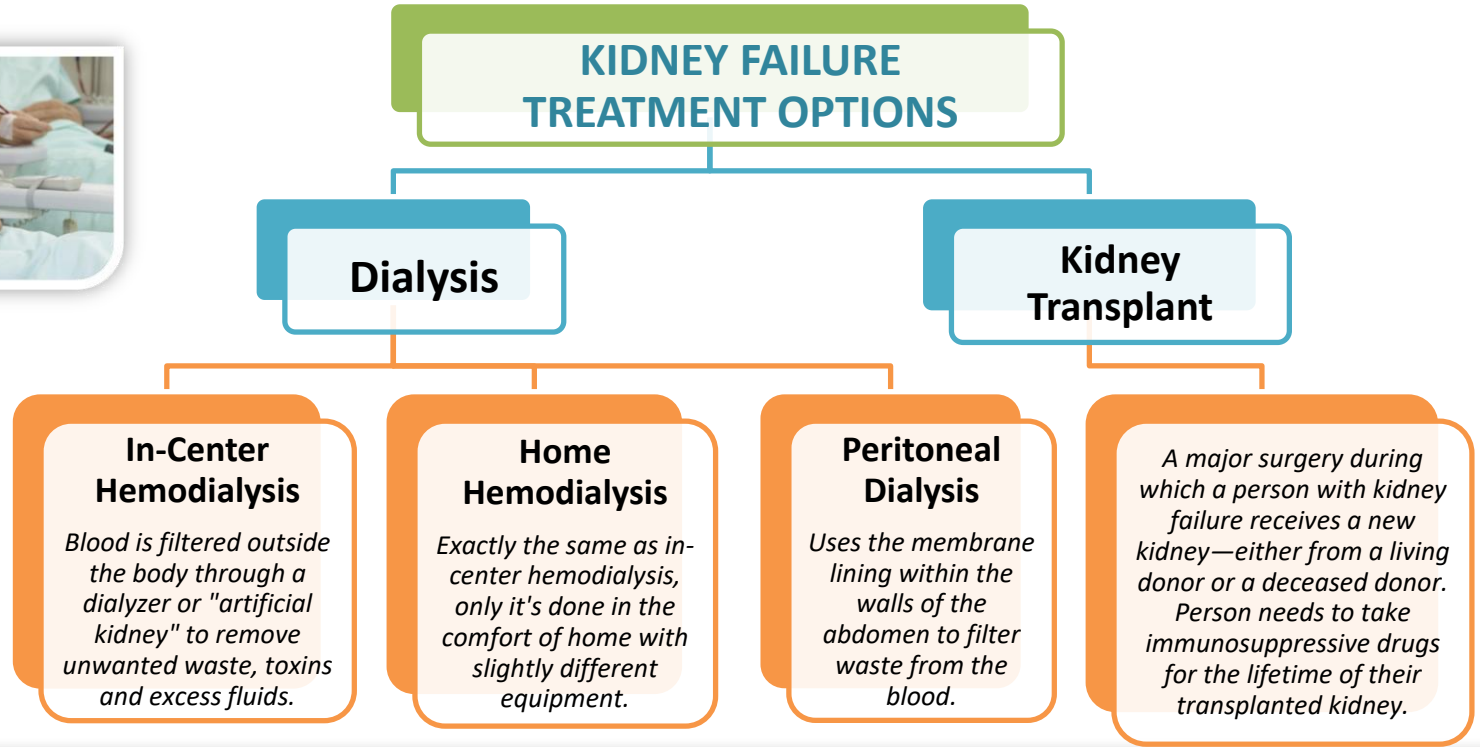
Open-Source Intelligence indicates the average size of a potable water tanker truck holds 4,000 gallons (15,000 liters).

Material from



Which supports the  
End Stage Renal Disease Network for  
Regions 3, 4, and 5.

# Kidney Failure Treatment Options

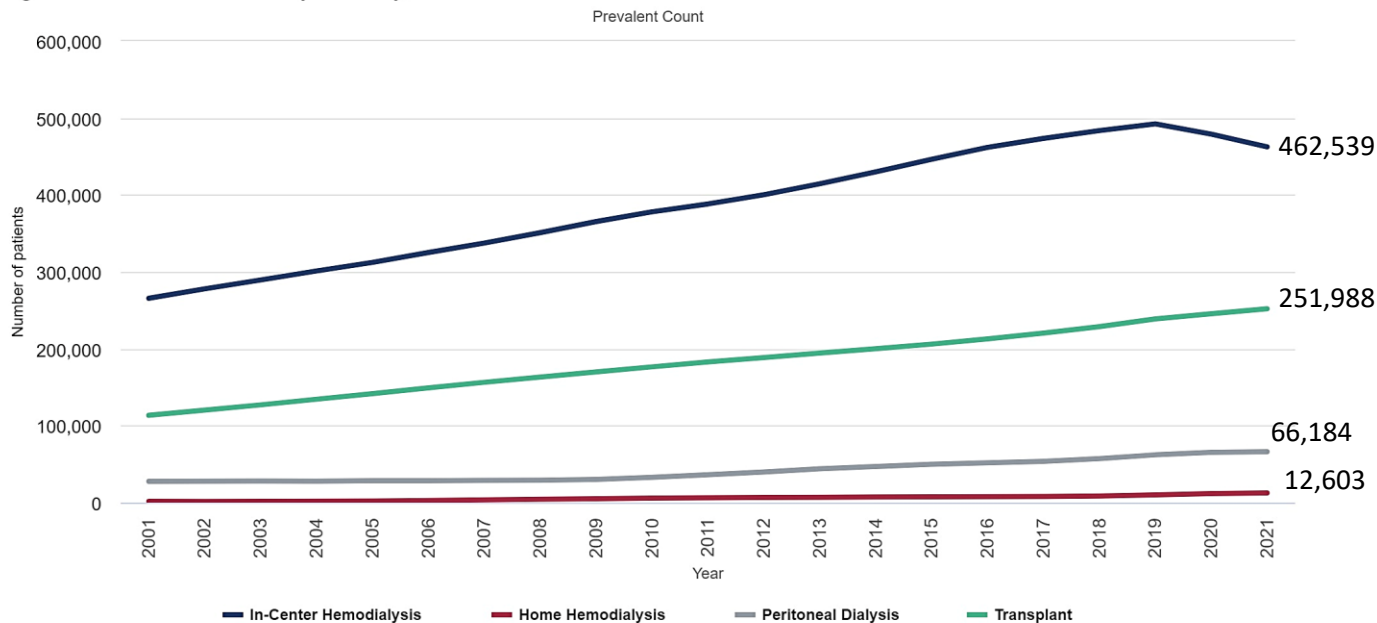


# Treatment Modality by the Numbers

The number of individuals per treatment modality

*On January 1, 2021 the ESRD Treatment Choices (ETC) Model was established by CMS to encourage greater use of home dialysis and kidney transplants for Medicare beneficiaries with ESRD.*

Figure 1.6 Prevalent ESRD by modality, 2001-2021

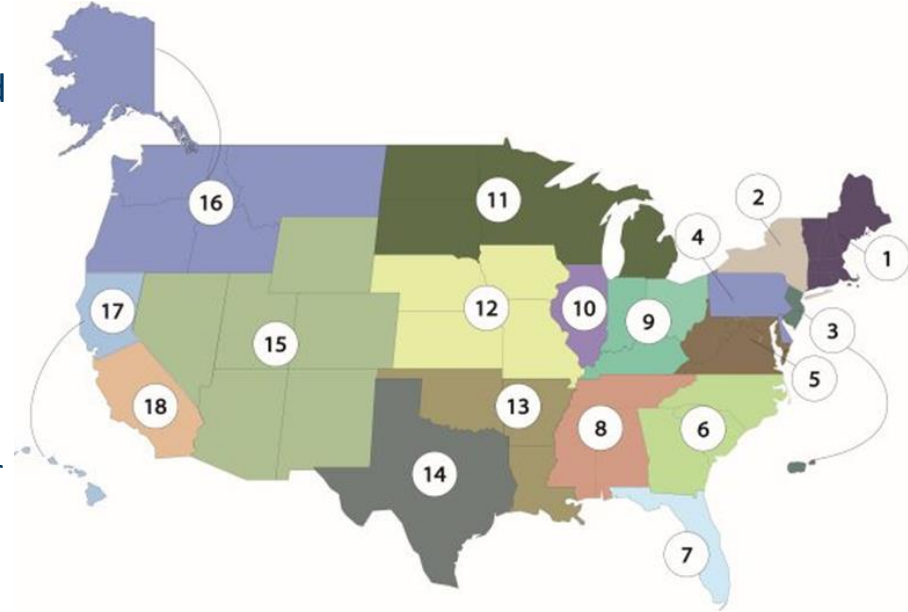


Data Source: 2023 United States Renal Data System Annual Data Report



# ESRD Network Program

- CMS contract two external groups to ensure dialysis facilities are providing quality, safe, and effective care to patients with kidney failure:
  - ☑ State Survey Agencies
  - ☑ **18 ESRD Networks**
- ESRD Networks are dedicated to:
  - ☑ Assisting dialysis facilities and kidney transplant centers in their efforts to provide quality care for patients with ESRD.
  - ☑ Support Achievement of CMS Goals



<https://www.esrdncc.org/en/ESRD-network-map/>



# ESRD Network: Emergency and Disaster Responsibilities

## In an emergency event, the Network:

- Facilitates communication between patients, dialysis providers, local and state/federal stakeholders and KCER/CMS.
- Tracks records of all dialysis patients and facilities.
- Serves as a conduit of information to help dialysis providers prepare, respond and recover from an emergency.
- Participate in emergency status calls with KCER held in response to an actual incident or emergency to ensure coordination at the national level with CMS Emergency Preparedness and Response Operations (EPRO).
- Provides KCER with an Emergency Situational Status Report (ESSR), as often as requested by KCER/CMS.



# Dialysis Facility: Emergency and Disaster Responsibilities

- ✓ Develop / maintain training and testing programs, including training in policies and procedures to all new and existing staff, individuals providing services under arrangement, and volunteers. Provide training to patients.
- ✓ Perform a Hazards Vulnerability Assessment Risk Assessment (HVA) using an all hazards approach, focusing on capacities and capabilities.
- ✓ **Collaborate with local emergency management agencies** to ensure the development of an effective plan. Must address a range of issues including evacuation plans, procedures for sheltering in place, tracking patients and staff during an emergency.
- ✓ Coordinate patient care within the facility, across health care providers, and with state and local public health departments and emergency management systems.
- ✓ **Track the location of patients and staff during and after an emergency event.**
- ✓ **Notify the ESRD Network** if a facility's contingency plans are activated, operational status changes or patient access to care is compromised or altered.
- ✓ Facilities must respond to the Network's request for information regarding facility or patient status.
- ✓ Demonstrate staff knowledge of emergency procedures, including **informing patients of whom to contact if the facility is closed** and cannot provide treatment due to an emergency situation and how they can locate an alternate dialysis facility or hospital that can assist them.





## Kidney Community Emergency Response



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[Resources](#)

[Hazards](#)

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[En Español](#)



## EQUITY IN EMERGENCY PREPAREDNESS FOR PEOPLE ON DIALYSIS

[Access the Webinar Recording](#)



### Latest Emergency Alerts

For information and resources on medical alerts, recalls, and the latest weather emergencies.

[Learn More](#)



### For Patients

Patients in need of assistance should first contact their dialysis or transplant provider, their local ESRD Network, or emergency management office.

[Learn More](#)



### For Professionals

Disaster planning information for healthcare providers and state health agencies, including preparedness guides and emergency management plans.

[Learn More](#)