

## HSAG ESRD Networks Dialysis Facility Scorecard Measure Specifications – October 2023

### Facility Scorecard Definitions:

**Network Measure:** CMS established measure for Networks.

**Network Goal:** CMS established goal for Networks.

**Facility Baseline:** Facility specific count or rate at baseline for each measure.

**Facility Specific Goal:** Facility specific goal calculated by the Network for each measure based on the CMS established goal.

**Facility Remeasurement:** Facility specific rate or count based on September 2023 data.

**Facility Percentile in the Network:** Percentile ranking for the facility for each measure based on September 2023 remeasurement data.

### Measure Specifications Table 1

Measure name	Numerator	Denominator	Attribution	Exclusion Criteria	Measure Time Periods
Patients Identified with Depression and Receiving Treatment	Patients in the denominator with a Medicare outpatient claim for depression treatment by a mental health professional.	<p>Patients with depression as identified by one of the checked variables in EQRS of:</p> <ul style="list-style-type: none"> <li>• Screening for clinical depression is documented as being positive, and a follow-up plan is documented</li> <li>• Screening for clinical depression is documented as being positive, the facility possesses no documentation of a follow-up plan, and no reason is given</li> </ul>	Patients are attributed to the facility from which they received dialysis for at least 90 days during measure period	<ul style="list-style-type: none"> <li>• Patients less than 12 years of age</li> <li>• Patients treated at the dialysis facility for less than 90 days</li> <li>• Patients without positive depression screening reported</li> <li>• Patients with a positive depression screening that indicates the patient is not eligible for follow-up plan</li> <li>• Patients not enrolled in Medicare FFS</li> <li>• Patients without Medicare Part B coverage</li> <li>• Facilities with less than 11 eligible patients during the performance period</li> <li>• Facilities certified April 1 or later during performance year</li> </ul>	<p><u>Baseline:</u> January 1, 2022 – December 31, 2022</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>
Incident Patients Starting Home Dialysis	<p>Count of Incident dialysis patients whose initial setting in EQRS is home during the performance period.</p> <p>Incident is defined as an admission for one of the following:</p>	None	Patients are attributed to the facility to whom the incident patient was admitted to	<ul style="list-style-type: none"> <li>• Transplant facilities</li> <li>• Patients discharged as acute</li> <li>• Facilities that do not have a home dialysis program.</li> </ul>	<p><u>Baseline:</u> January 1, 2020 – December 31, 2020</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>

Measure name	Numerator	Denominator	Attribution	Exclusion Criteria	Measure Time Periods
	<ul style="list-style-type: none"> <li>New ESRD patient Restart</li> <li>Dialysis after transplant failed</li> </ul> <p>Due to CMS data requirements, if the count is 1-10, then the cell is blinded with "&lt; 11"</p>				
Prevalent Patients Transitioning to Home Dialysis	<p>Patient transitions to a home setting in EQRS during the performance period</p> <p><b>Due to CMS data requirements, if the count is 1-10, then the cell is blinded with "&lt; 11"</b></p>	None	Patients are attributed to the facility prior to the transition to home setting	<ul style="list-style-type: none"> <li>Patients whose only setting during the measurement period is home.</li> <li>Transplant facilities</li> </ul>	<p><u>Baseline:</u> January 1, 2020 – December 31, 2020</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>
Patients Added to the Transplant Waitlist	<p>Patients added to a kidney transplant waiting list within the performance period</p> <p><b>Due to CMS data requirements, if the count is 1-10, then the cell is blinded with "&lt; 11"</b></p>	None	Patients are attributed to the facility the patient was admitted to immediately prior to being added to a kidney transplant waiting list	<ul style="list-style-type: none"> <li>Transplant facilities</li> </ul>	<p><u>Baseline:</u> January 1, 2020 – December 31, 2020</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>
Patients Receiving a Kidney Transplant	<p>Patients who received a transplant within the performance period</p> <p><b>Due to CMS data requirements, if the count is 1-10, then the cell is blinded with "&lt; 11"</b></p>	None	Patients are attributed to the facility the patient was admitted to immediately prior to the transplant	<ul style="list-style-type: none"> <li>Transplant facilities</li> </ul>	<p><u>Baseline:</u> January 1, 2020 – December 31, 2020</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>
COVID-19 Patient Vaccinations – Fully Vaccinated	Denominator patients that have received a COVID-19 vaccination administration and all boosters as reported in NHSN	Number of patients receiving dialysis care from this facility as reported to NHSN	Patients are attributed to their point prevalent dialysis facility	<ul style="list-style-type: none"> <li>Patients with a medical contraindication to COVID-19 vaccine</li> </ul>	<p><u>Baseline:</u> None</p> <p><u>Remeasurement:</u> Most recent NHSN data</p>

Measure name	Numerator	Denominator	Attribution	Exclusion Criteria	Measure Time Periods
COVID-19 Healthcare Personnel (HCP) Vaccinations – Fully vaccinated	Denominator HCP that have received a COVID-19 vaccination administration as reported in NHSN	Number of all HCP that were eligible to have worked at this healthcare facility for at least one day during the week of data collection as reported to NHSN	HCP are attributed to the facility where they are work.	<ul style="list-style-type: none"> <li>HCP with a medical contraindication to COVID-19 vaccine</li> </ul>	<p><u>Baseline:</u> None</p> <p><u>Remeasurement:</u> Most recent NHSN data</p>
Influenza Patient Vaccination	Denominator patients with an influenza vaccination administration date from August 2023 through latest available record in EQRS	Patients on dialysis as of the end of the performance period	Patients are attributed to their dialysis facility as of the end of the measurement period	<ul style="list-style-type: none"> <li>Patients not receiving dialysis as of end of measurement period.</li> <li>Patients meeting following criteria will be excluded unless they have an influenza administration date of August 2022 or later reported in EQRS: <ul style="list-style-type: none"> <li>Patients with a documented allergic or adverse reaction or other medical reason</li> <li>Patients that decline for religious or philosophical reasons.</li> </ul> </li> </ul>	<p><u>Baseline:</u> None</p> <p><u>Remeasurement:</u> Most recent EQRS data</p>
Patients receiving pneumococcal vaccine – Fully vaccinated	Denominator dialysis patients that are “fully vaccinated” for pneumococcal pneumonia, per CDC recommendations, as reported in EQRS by the end of the performance period	Patients on dialysis as of the end of the performance period	Patients are attributed to their dialysis facility at the end of the performance period	<ul style="list-style-type: none"> <li>Patients under the age of 19</li> <li>Patients of not receiving dialysis as of end of measurement period.</li> <li>Patients with Medical Reason - Allergic or Adverse Reaction reason reported in EQRS vaccination module unless they are fully vaccinated for pneumococcal pneumonia.</li> <li>Patients with Declined - Religious/Philosophical reason reported in EQRS vaccination module unless they are fully vaccinated for pneumococcal pneumonia.</li> <li>Patients with Unknown vaccination type and date of 08/06/2022 or later in EQRS vaccination module unless are fully vaccinated for pneumococcal pneumonia.</li> </ul>	<p><u>Baseline:</u> May 1, 2022 – April 30, 2023</p> <p><u>Remeasurement</u> May 1, 2023 – April 30, 2024</p>
ESRD-Related Hospitalizations per 100 Patient Months	Count of ESRD-related inpatient hospital admissions during the performance period with a Medicare claim for primary diagnosis from Appendix A.	The number of patient-months where patients are being treated in a dialysis facility during the performance period.	Patients are attributed to the facility where treatment was received as of the most current treatment record.	<p>The patient-month is excluded for</p> <ul style="list-style-type: none"> <li>Patients not in enrolled in Medicare fee-for-service (FFS)</li> <li>Patients attributed to a transplant center</li> </ul>	<p><u>Baseline:</u> May 1, 2022 – April 30, 2023</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>

Measure name	Numerator	Denominator	Attribution	Exclusion Criteria	Measure Time Periods
Hospital 30-Day Unplanned Readmissions	Count of index admissions with at least one ESRD-related unplanned readmission with the following: <ul style="list-style-type: none"> <li>a Medicare claim with a primary diagnosis from Appendix A.</li> <li>a hospital admission within 30 days of discharge from the index admission,</li> <li>Not a planned visit as defined by the CMS Planned Readmission Algorithm</li> </ul>	ESRD-related inpatient admission (index admission) with the following: <ul style="list-style-type: none"> <li>Discharge during the performance period</li> <li>Has a primary diagnosis from Appendix A</li> <li>Patient is discharged alive.</li> </ul> <p>Note that, as with other CMS readmission measures, the denominator is discharges, not patients, and each patient can contribute more than one discharge.</p>	Patients are attributed to the facility where treatment was received as of the most current treatment record.	Discharges are excluded for <ul style="list-style-type: none"> <li>Patients not in enrolled in Medicare fee-for-service (FFS)</li> <li>Patients attributed to a transplant center</li> </ul>	<p><u>Baseline:</u> Index Admission Discharge Date: May 1, 2022 – April 30, 2023</p> <p>Readmission Admit Date: May 1, 2022 – April 30, 2023</p> <p><u>Remeasurement:</u> Index Admission Discharge Date: May 1, 2023 – April 30, 2024 Readmission Admit Date: May 1, 2023 - April 30, 2024</p>
Outpatient Emergency Department Visits per 100 Patient Months	Count of ESRD-related emergency room treat-and-release visits during the performance period with a Medicare claim with a primary diagnosis from Appendix A.	The number of patient-months where patients are being treated in a dialysis facility during the performance period.	Patients are attributed to the facility where treatment was received as of the most current treatment record.	The patient-month is excluded for <ul style="list-style-type: none"> <li>Patients not in enrolled in Medicare fee-for-service (FFS)</li> <li>Patients attributed to a transplant center</li> </ul>	<p><u>Baseline:</u> May 1, 2022 – April 30, 2023</p> <p><u>Remeasurement:</u> May 1, 2023 – April 30, 2024</p>
Data Quality – 2728 Forms Past Due Over One Year	Number of 2728 forms that were past due over one year and were submitted in EQRS	Number of 2728 forms more than one year past due at end of the previous month	Patients are attributed to facility admitting patient	<ul style="list-style-type: none"> <li>Transplant facilities</li> <li>Patients discharged as Acute</li> </ul>	<p><u>Baseline:</u> May 1, 2022 – April 30, 2023</p> <p><u>Remeasurement:</u> May 1, 2023 - April 30, 2024</p>
Data Quality – 2728 Forms Submitted On Time	Number of Initial Dialysis 2728 forms submitted in EQRS with a submitted date within 45 days of the Dialysis at Facility Start Date	Number of Initial Dialysis 2728 forms submitted for most recent 12 month period	Patients are attributed to facility submitting form	<ul style="list-style-type: none"> <li>Facility type of Transplant</li> <li>Patients discharged as Acute</li> <li>Patients discharged as Recover Function where discharge date is before form submission date</li> </ul>	<p><u>Baseline:</u> May 1, 2022 – April 30, 2023</p> <p><u>Remeasurement:</u> Rolling 12 month period using most recent EQRS data as of April 30, 2024</p>

Measure name	Numerator	Denominator	Attribution	Exclusion Criteria	Measure Time Periods
Data Quality – 2746 Forms Submitted On Time	Number of 2746 forms submitted in EQRS with a submitted date within 14 days of the death date	Number of 2746 forms submitted for most recent 12 month period	Patients are attributed to facility submitting form	<ul style="list-style-type: none"> <li>• Facility type of Transplant</li> <li>• Patients discharged as Acute</li> <li>• Patients discharged as Recover Function where discharge date is before form submission date</li> </ul>	<p><u>Baseline:</u> January 1, 2020 – December 31, 2020</p> <p><u>Remeasurement:</u> Rolling 12 month period using most recent EQRS data as of April 30, 2024</p>

## Appendix A: List of Priority Diagnosis Categories

### **Blood Pressure Management:**

I161 Hypertensive Emergency  
I169 Hypertensive Crisis, Unspecified  
I160 Hypertensive Urgency

### **Fluid Balance-Related:**

E8770 Fluid overload unspecified  
E8779 Other fluid overload  
J810 Acute pulmonary edema  
I509 Congestive Heart Failure, Unspecified  
E8770 Hypervolemia  
I5021 Acute systolic (congestive) heart failure  
I5023 Acute on chronic systolic (congestive) heart failure  
I5031 Acute diastolic (congestive) heart failure  
I5033 Acute on chronic diastolic (congestive) heart failure  
I5041 Acute combined systolic (congestive) and diastolic (congestive) heart failure

### **Infection Related:**

A419 Sepsis, unspecified organism  
A4101 Sepsis due to Methicillin Susceptible Staphylococcus aureus  
A4102 Sepsis due to Methicillin Resistant Staphylococcus aureus  
T8571 Infection and inflammatory reaction due to peritoneal dialysis catheter  
T8571XA Infection and inflammatory reaction due to peritoneal dialysis catheter, initial encounter  
T8571XD Infection and inflammatory reaction due to peritoneal dialysis catheter, subsequent encounter  
T8571XS Infection and inflammatory reaction due to peritoneal dialysis catheter, sequela  
T80211 Bloodstream infection due to central venous catheter  
T80211A Bloodstream infection due to central venous catheter, initial encounter  
T80211D Bloodstream infection due to central venous catheter, subsequent encounter  
T80211S Bloodstream infection due to central venous catheter, sequela  
T827 Infection and Inflammatory Reaction due to Other Cardiac and Vascular Devices, Implants and Grafts

### **Anemia Management**

D631 Anemia of Chronic Kidney Disease

### **Endocrine-Related**

E162 Hypoglycemia, unspecified

### **Electrolyte and Mineral Metabolism Disorders**

E871 Hypo-osmolality and hyponatremia  
E875 Hyperkalemia  
E876 Hypokalemia  
E8339 Hyper- and Hypophosphatemia  
E8351 Hypocalcemia  
E8352 Hypercalcemia

**Vascular Related**

T82838 Hemorrhage due to vascular prosthetic devices, implants and grafts

T82838A Hemorrhage due to vascular prosthetic devices, implants and grafts, initial encounter

T82838D Hemorrhage due to vascular prosthetic devices, implants and grafts, subsequent encounter

T82838S Hemorrhage due to vascular prosthetic devices, implants and grafts, sequela

T82858 Stenosis of other vascular prosthetic devices, implants and grafts

T82858A Stenosis of other vascular prosthetic devices, implants and grafts, initial encounter

T82858D Stenosis of other vascular prosthetic devices, implants and grafts, subsequent encounter

T82858S Stenosis of other vascular prosthetic devices, implants and grafts, sequela