

# Quarterly Update of the Fiscal Year 2024 Dialysis Facility Report for State Surveyors, December 2023

## Purpose of the Report

Quarterly updates of the Dialysis Facility Report (DFRs) are utilized by each state's surveying agency as a resource during the survey and certification process. This report provides results of select measures for the two most recent calendar years from the Fiscal Year (FY) 2024 DFR along with quarterly updates.

Summaries include chronic dialysis patients who were treated in this facility between January 2021 and March 2023. Regional and national averages for the most recent year reported in the FY 2024 DFR are included to allow for comparisons. **Quarterly updates of the non-italicized outcomes for 2023 are provided to State Surveyors in December 2023 (Q1), March 2024 (Q2), and June 2024 (Q3).** Unless otherwise specified, data refer to combined results for hemodialysis (HD) and peritoneal dialysis (PD) patients and summaries are for the calendar years reported in the table header. Missing values ('.') indicate there were too few patients to yield reliable results. A blank value indicates the measure was not calculated and therefore not reported for any facility.

This report has been prepared by the University of Michigan Kidney Epidemiology and Cost Center (UM-KECC) with funding from the Centers for Medicare & Medicaid Services (CMS) and is based primarily on data reported in EQRS, Medicare claims and data collected for CMS. For a complete description of the methods used to calculate the statistics in this report, please see the *Guide to the Quarterly Updates of the FY 2024 DFR*. The *Guide* may be downloaded from the methodology section of the Dialysis Data website at [www.DialysisData.org](http://www.DialysisData.org).

## What's New This Year

The following changes have been incorporated into the FY 2024 Dialysis Facility Report updates provided each quarter for State Surveyors: separate percentages for missing and out of range values are now included in the Fluid Management (ultrafiltration rate) and Mineral Metabolism (phosphorus, calcium uncorrected) sections.

**This Report includes data specific to CCN(s): 999999**

## How to Submit Comments

**Between November 1, 2023 and November 15, 2023**, facilities may submit comments to their state surveyor or UM-KECC by visiting [www.DialysisData.org](http://www.DialysisData.org), logging on to view their report, and clicking on the **Comments & Inquiries** tab.

- (1) **State Surveyor:** Select “**DFR: Comments on DFR for State Surveyor**” from the drop down list to submit comments regarding this report for the state's surveyor(s). Any comments submitted will be appended and sent to the state's surveyor(s) on December 1, 2023. Please do not include questions for UM-KECC using this option.
- (2) **UM-KECC:** Select “**DFR: Comments on DFR for UM-KECC**” to submit questions or suggestions to improve the report to UM-KECC. These comments will not be shared with CMS or your state surveyor.

Questions or comments after the comment period is over may be submitted as a general comment.

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SAMPLE Dialysis Facility State: XX Network: 99 CCN: SAMPLE

The tables below provide quarterly updates of COVID-19 patient counts, deaths, and hospitalizations among Medicare dialysis patients (Table C1) and Medicare nursing home (NH) dialysis patients (Table C2) for 2023. State, Network, and National averages for January-March 2023 and facility summaries for 2021 and 2022 from the FY 2024 DFR are reported for comparison.

**TABLE C1. COVID among Medicare Dialysis Patients**<sup>\*1</sup>

Item	Measure Name	This Facility			Regional Averages		
		2021 Jan-Dec	2022 Jan-Dec	2023 Q1:Jan-Mar	State	2023 Q1:Jan-Mar Network	U.S.
1	Medicare dialysis patients (n)	77	76	56	n/a	n/a	n/a
2	Patients ever infected with COVID (n)	15	21	16	n/a	n/a	n/a
	Patients ever infected with COVID (% of 1)	19.0	27.9	27.7	27.6	27.5	27.6
3	Patients initially infected with COVID (n)	7	10	1	n/a	n/a	n/a
	Patients initially infected with COVID (% of 1)	9.6	12.5	2.3	2.4	2.4	2.4
	Deaths among Medicare patients						
4	Deaths (n)	11	11	3	n/a	n/a	n/a
5	Deaths among patients ever infected with COVID (n)	3	4	1	n/a	n/a	n/a
	Deaths among patients ever infected with COVID (% of 4)	28.2	35.4	37.4	37.5	37.3	37.4
	Hospitalizations <sup>*2</sup> among Medicare patients						
6	Hospitalizations (n)	44	43	17	n/a	n/a	n/a
7	Hospitalizations among patients ever infected with COVID (n)	11	15	6	n/a	n/a	n/a
	Hospitalizations among patients ever infected with COVID (% of 6)	24.5	34.4	34.7	34.4	34.4	34.6

**TABLE C2. COVID among Medicare Dialysis Patients Treated in Nursing Home (NH) Facilities**<sup>\*1</sup>

Item	Measure Name	This Facility			Regional Averages		
		2021 Jan-Dec	2022 Jan-Dec	2023 Q1:Jan-Mar	State	2023 Q1:Jan-Mar Network	U.S.
1	Medicare NH dialysis patients (n)	14	14	6	n/a	n/a	n/a
2	Patients ever infected with COVID (n)	4	6	3	n/a	n/a	n/a
	Patients ever infected with COVID (% of 1)	32.4	41.7	43.6	43.6	43.7	44.1
3	Patients initially infected with COVID (n)	2	3	0	n/a	n/a	n/a
	Patients initially infected with COVID (% of 1)	14.1	18.5	5.1	5.3	5.4	5.4
	Deaths among Medicare NH patients						
4	Deaths (n)	4	3	1	n/a	n/a	n/a
5	Deaths among patients ever infected with COVID (n)	1	2	0	n/a	n/a	n/a
	Deaths among patients ever infected with COVID (% of 4)	35.3	43.7	45.3	45.0	45.1	45.4
	Hospitalizations <sup>*2</sup> among Medicare NH patients						
6	Hospitalizations (n)	12	11	4	n/a	n/a	n/a
7	Hospitalizations among patients ever infected with COVID (n)	4	5	2	n/a	n/a	n/a
	Hospitalizations among patients ever infected with COVID (% of 6)	32.3	42.5	42.4	42.4	42.1	42.4

[\*1] See *Guide to the Quarterly Updates of the FY 2024 DFR, Section XIV*. Includes patients with Medicare as primary insurer or with a Medicare Advantage plan. Table C2 includes patients who were treated in a nursing home at least one day during the quarter.

[\*2] Hospitalization is defined as having at least one day in a hospital from Medicare inpatient claims during the reporting period.

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The table below provides quarterly updates of key data elements from the facility's FY 2024 Dialysis Facility Report (DFR). Note, these key data elements appear in bold font in the FY 2024 DFR. The first column includes the category and description of the facility outcome(s), along with the corresponding row numbers from the FY 2024 DFR. Facility summaries for 2021 and 2022 from the FY 2024 DFR are reported for comparison, along with State, Network, and National averages for 2022. Unless otherwise indicated within the outcome description, summaries are for the calendar years (or months) reported in the table header. Missing values ('.') indicate there were too few patients to yield reliable results. A blank value indicates the measure was not calculated and therefore not reported for any facility.

Measure Name	This Facility			Regional Averages <sup>*1</sup>		
	2021 Jan-Dec	2022 Jan-Dec	2023 Q1: Jan-Mar	2022		
				State	Network	U.S.
<b>Eligible Patients<sup>*2</sup></b>						
Eligible adult patients (n)	80	79	61	78.4	78.3	78.2
Eligible adult hemodialysis (HD) patients (n)	71	69	53	70.5	70.4	70.3
Eligible adult peritoneal dialysis (PD) patients (n)	11	11	8	23.6	23.3	23.1
<b>Mortality<sup>*3</sup></b>						
4-year Standardized Mortality Ratio (2019-2022) - DFR row 3h		0.99		0.98	0.98	1.00
1-year Standardized Mortality Ratio - DFR row 3h	0.95	1.00		0.99	n/a	1.02
<b>Hospitalization<sup>*3</sup></b>						
Standardized Hospitalization Ratio (SHR) - DFR row 4k	0.99	0.98		0.98	n/a	1.00
Standardized Readmission Ratio (SRR) - DFR row 4ag	1.00	1.00		1.03	1.04	1.04
<b>Infection/Dialysis Access<sup>*3</sup></b>						
Deaths due to infection (%) - DFR row 3f	10.0	9.7		9.6	n/a	9.5
Hospitalizations with septicemia (%) - DFR row 4o	12.4	12.3		12.6	n/a	12.1
Long-Term Catheter Rate (HD)(LTCR) - DFR row 11g <sup>*4</sup>	16.1	17.7	18.4	17.2	17.3	17.2
Arteriovenous fistula in use (HD) (%) - DFR row 11c <sup>*4</sup>	59.1	57.9	57.7	58.6	58.5	58.9
<b>Fluid Management<sup>*3</sup></b>						
Hospitalizations with congestive heart failure (%) - DFR row 4o	28.2	28.7		29.1	29.2	27.9
Ultrafiltration rate (UFR) Categories (%) - DFR row 9g						
UFR > 13 ml/kg/hr	7.3	7.4	7.5	7.7	7.7	7.7
Out of Range (>=20 ml/kg/hr)	2.3	2.4	2.6	2.4	2.4	2.3
Missing	5.2	5.5	4.8	3.7	3.6	3.6
<b>Anemia<sup>*3</sup></b>						
Hemoglobin (HD) < 10 g/dL (%) - DFR row 8d	23.1	23.6	23.6	23.5	23.6	23.4
Hemoglobin (PD) < 10 g/dL (%) - DFR row 8i	21.7	22.6	23.2	22.8	22.8	22.9
<b>Dialysis Adequacy<sup>*5</sup></b>						
Kt/V (HD) categories (%) - DFR row 9k						
Kt/V < 1.2	2.3	2.6	2.2	1.9	1.9	1.9
Missing or Out of Range (Kt/V > 5.0)	2.7	2.7	2.4	1.9	1.9	1.9
Kt/V weekly (PD) categories (%) - DFR row 9o						
Kt/V < 1.7	6.0	6.3	5.7	5.3	5.2	5.3
Missing or Out of Range (Kt/V > 8.5)	4.5	4.7	4.5	3.3	3.2	3.4
<b>Nutrition<sup>*3</sup></b>						
Serum Albumin (HD) < 4.0 g/dL (%) - DFR row 9e	48.2	47.5	47.5	50.9	50.9	50.5
Serum Albumin (PD) < 4.0 g/dL (%) - DFR row 9r	68.8	68.9	66.7	50.9	50.9	50.5
<b>Influenza Vaccination<sup>*6</sup></b>						
Vaccinations between Aug. 1-Mar. 31 of following year (%) - DFR row 7c	82.9	71.4		72.7	72.8	72.7

Kt/V: K = dialyzer clearance of urea; t = dialysis time; V = patient's total body water.  
n/a = not applicable

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Measure Name	This Facility			Regional Averages <sup>*1</sup>		
	2021 Jan-Dec	2022 Jan-Dec	2023 Q1: Jan-Mar	2022 State	2022 Network	U.S.
<b>Mineral Metabolism <sup>*7</sup></b>						
Phosphorus categories (%) - DFR row 10d						
>7.0 mg/dL	15.9	15.7	15.8	15.7	15.7	15.6
Out of Range (<0.01 mg/dL or >20 mg/dL)	0.0	0.0	0.0	0.0	0.0	0.0
Missing	4.4	4.4	4.0	3.4	3.4	3.4
Calcium uncorrected categories (%) - DFR row 10f						
> 10.2 mg/dL	1.3	1.2	1.1	1.1	1.1	1.1
Out of Range (<0.01 mg/dL or >20 mg/dL)	0.0	0.0	0.0	0.0	0.0	0.0
Missing	4.0	4.0	3.8	3.0	3.0	3.0
Average uncorrected calcium > 10.2 mg/dL (%) - DFR row 10g	3.0	2.8	2.5	2.0	2.0	2.0
<b>Transplantation <sup>*8</sup></b>						
Standardized 1st Transplantation Ratio (4-year STR) - DFR row 5h		1.03		1.04	1.03	1.00
Patient-months on the transplant waitlist (%) - DFR row 6c	16.8	16.5	16.1	16.8	16.6	17.0
Age-Adjusted percentage of patients waitlisted - DFR row 6e	16.9	16.5		16.5	16.5	16.4
<b>Nursing Home (NH) Patients <sup>*9</sup></b>						
All Dialysis Patients (n)	95	94	71	92	92	88
NH patients (% of All Dialysis Patients)	15.4	15.3	9.8	16.3	16.3	16.0
NH dialysis patients treated on last day of year/quarter (n) - DFR row 15.1a	7	7	5	n/a	n/a	n/a
Modality (% of NH patients on last day of year/quarter) - DFR row 15.1k						
In-center hemodialysis	92.9	93.4	96.0	92.7	92.6	92.4
Home hemodialysis	2.1	2.7	1.6	5.0	5.0	5.2
Continuous ambulatory peritoneal dialysis	0.3	0.4	0.2	0.2	0.2	0.2
Continuous cycling peritoneal dialysis	3.7	3.2	2.1	1.8	1.9	1.9
Other modality	0.9	0.3	0.0	0.3	0.3	0.3
SMR (deaths/expected deaths) - DFR row 15.3h	1.08	1.13		1.20	1.20	1.25
SHR (admissions/expected admissions) - DFR row 15.4k	1.58	1.55		1.51	1.51	1.53

n/a = not applicable

[\*1] Values for the 4-year SMR, percent of hospitalizations with congestive heart failure, and the STR are summarized over the aggregate period, annualized.

[\*2] See *Guide to the Quarterly Updates of the FY 2024 DFR, Section IV*. HD and PD patients may not sum to total.

[\*3] See *Guide to the FY 2024 DFR for Mortality, (Section VI)*, Hospitalization (*Section VII*), Anemia (*Section XI*), and UFR/Albumin (*Section XII*) summaries. Please note the regional summaries for the serum albumin measures are a weighted average of the HD and PD values and therefore the regional values reported for both HD and PD are the same.

[\*4] See *Guide to the Quarterly Updates of the FY 2024 DFR, Section V*. Patients for whom other vascular access types may be either more difficult or not appropriate were excluded. LTCR includes patients using a catheter continuously for three months or longer. Other or missing access types are counted as catheter in use in the numerator.

[\*5] See *Guide to the Quarterly Updates of the FY 2024 DFR, Section XII*. Summaries are supplemented with Medicare claims if missing in EQRS. HD Kt/V summaries are restricted to patients from (1b) who dialyze thrice weekly. See section of Guide titled "Determination of Thrice Weekly Dialysis" for more information. The PD summaries use the most recent value over a 4-month look-back period.

[\*6] See *Guide to the Quarterly Updates of the FY 2024 DFR, Section X*. Includes all dialysis patients greater than six months of age as of the beginning of the flu season and treated on December 31st of each year in the facility. Patients that did not receive a vaccination and ever reported "Medical Reason: Allergic or Adverse Reaction" or "Other Medical Reason" during the flu season were excluded.

[\*7] See *Guide to the Quarterly Updates of the FY 2024 DFR, Section XI*. Patients from (1a) may be counted up to 12 times. Hypercalcemia is averaged from uncorrected serum or plasma calcium values over a rolling 3-month period; includes missing values in the numerator and patients 18 years or older as of the first day of the 3-month period.

[\*8] See *Guide to the FY 2024 DFR: Transplantation (Section VIII) and Waitlist (Section IX)*. The STR is calculated as a ratio of actual to expected transplants and not reported if there are fewer than 3 expected transplants. The waitlist percentages include months that patients are assigned to the facility on the last day of the month; patients may be counted up to 12 times per year. The age-adjusted waitlist percentage is not shown if there are fewer than 11 eligible patients.

[\*9] See *Guide to the FY 2024 DFR, Section XIII*. NH patients are defined as the patients in CMS Long Term Care Minimum Data Set (MDS) at any time during the reporting period. The percentage of NH patients includes all patients receiving dialysis (any modality) at any time during the reporting period. Modality for NH patients sums to 100%. Other modality includes other dialysis, uncertain modality, and patients not on dialysis but still temporarily assigned to the facility (discontinued dialysis, recovered renal function, and lost to follow-up).