

## Quarterly Dialysis Facility Compare -- Preview Report for July 2019 Refresh

- **This Quarterly DFC Preview Report includes data specific to CCN(s): 999999**

- **Purpose of the Report**

This report provides you with advance notice of the updated quality measures for your facility that will be reported on the Dialysis Facility Compare (DFC) website (<https://www.medicare.gov/dialysisfacilitycompare/>).

- **Overview**

This report was created for all Medicare certified dialysis facilities that are operating according to DFC in April 2019. The measures included in the report are based primarily on Medicare-paid dialysis claims, CROWNWeb, and other data collected for CMS. This report contains eight tables that summarize the patient outcomes and treatment patterns for chronic dialysis patients. Unless otherwise specified, data refer to all dialysis patients combined (i.e., hemodialysis and peritoneal dialysis, adult and pediatric). The measures reported in the Table "Quarterly Dialysis Facility Compare Preview", beginning on page 3, will be reported on the DFC website and available in the DFC downloadable databases at <https://data.medicare.gov> in July 2019.

Description of the methodology for all measures and the star rating in this report can be found in the *Guide to the Quarterly Dialysis Facility Compare Report*, *Guide to the New Measures Table for the Quarterly Dialysis Facility Compare Report*, and the *Technical Notes on the Dialysis Facility Compare Quality of Patient Care Star Rating Methodology for the October 2018 Release*, all of which are available on the DialysisData website at [www.dialysisdata.org](http://www.dialysisdata.org).

- **What's New This Quarter**

As part of a continuing effort to improve the quality and usability of this report, a table of new measures has been included since the October 2018 release. The new measures include Standardized First Kidney Transplant Waitlist Ratio for Incident Dialysis Patients (SWR) and Percentage of Prevalent Patients Waitlisted (PPPW). This table is not updated this quarter. The variables in this table will not be released publicly on the DFC website or included in the Quality of Patient Care Star Rating at this time.

The annual standardized ratio measures reported in Table 1 (Standardized Mortality Ratio, Standardized Hospitalization Ratio, Standardized Readmission Ratio, and Standardized Transfusion Ratio) are not updated this quarter. Standardized Fistula Rate (SFR), however, has been updated, using data from October 2017 - September 2018.

The standardized infection ratio reported in Table 2 has not been updated this quarter.

The quarterly measures in Table 3 (hemoglobin) and Table 4 (hypercalcemia, serum phosphorus concentrations, Kt/V, long-term catheter rate, and nPCR) have been updated by one quarter, using data from October 2017 - September 2018.

ICH CAHPS patient experience of care measures in Table 5 have not been updated this quarter.

The DFC Quality of Patient Care Star Rating has not been updated this quarter.

Description of the methodology for new measures can be found in the *Guide to the New Measures Table for the Quarterly Dialysis Facility Compare Report*, which is available on the DialysisData website at [www.dialysisdata.org](http://www.dialysisdata.org).

• **How to Submit Comments**

This preview period will be held during **May 1, 2019 - May 15, 2019**. As part of a new process to encourage early requests of patient lists to allow sufficient time for facility review and inquiry during the preview period, patient list requests must now be made **within the first five days** of the preview period. During the entire preview period, you may submit comments to CMS on the measures included in this report. Your comments will be shared with CMS but will not appear on the DFC website. Please visit the [www.dialysisdata.org](http://www.dialysisdata.org) website, log on to view your report, and click on the **Comments & Inquiries** tab. If you have questions after the comment period is closed, please contact us directly at [dialysisdata@umich.edu](mailto:dialysisdata@umich.edu) or 1-855-764-2885.

**Prepared by**

**The University of Michigan Kidney Epidemiology and Cost Center (UM-KECC) under contract with the Centers for Medicare & Medicaid Services**

SAMPLE

**Quarterly Dialysis Facility Compare Preview:** The following table displays measures for this facility as they will appear on the DFC website. Please refer to Table 1 for more information on hospitalization (admissions and readmissions), deaths, transfusions, and fistula rate, Table 2 for infection, Table 3 for hemoglobin, Table 4 for mineral and bone disorder, dialysis adequacy and nutritional status measures, and long-term catheter reported in CROWNWeb, Table 5 for patient experience of care, and Table 6 for the star rating calculation. The Quality of Patient Care Star Rating, Standardized Mortality, Hospitalization, Readmission, Transfusion, and Infection Rates/Ratios are updated annually in October; Patient Survey Results are updated semi-annually in April and October; all other measures are updated quarterly in January, April, July, and October. For a complete description of the methods used to calculate the statistics in this report, please see the *Guide to the Quarterly Dialysis Facility Compare Report*. The *Guide* is available on the Dialysis Data website at [www.dialysisdata.org](http://www.dialysisdata.org).

Measure Name	This Facility
<b>1 Quality of Patient Care Star Rating (January 2014-December 2017, Table 6)</b>	★★★★☆ Average
<b>2 Quality of patient care tab</b>	
<b>Avoiding hospitalizations and deaths (Table 1)</b>	
2.1 Frequency of patient death <sup>1</sup> (2014-2017) Lower Confidence Limit (2.5%), Upper Confidence Limit (97.5%) Classification Category <sup>2</sup>	22.5 (per 100 patient-years) 16.7, 29.7 As Expected
2.2 Frequency of hospital admission <sup>1</sup> (2017) Lower Confidence Limit (2.5%), Upper Confidence Limit (97.5%) Classification Category <sup>2</sup>	211.2 (per 100 patient-years) 141.3, 329.7 As Expected
2.3 Frequency of hospital readmission <sup>1</sup> (2017, percentage of hospital discharges) Lower Confidence Limit (2.5%), Upper Confidence Limit (97.5%) Classification Category <sup>2</sup>	26.6% 14.5%, 41.7% As Expected
<b>Avoiding unnecessary transfusions (2017, Table 1)</b>	
2.4 Rate of Transfusions <sup>1</sup> Lower Confidence Limit (2.5%), Upper Confidence Limit (97.5%) Classification Category <sup>2</sup>	73.0 (per 100 patient-years) 35.5, 167.5 Worse than Expected
<b>Preventing bloodstream infections (2017, Table 2)</b>	
2.5 Preventing bloodstream infections: Standardized Infection Ratio Lower Confidence Limit (2.5%), Upper Confidence Limit (97.5%) Classification Category <sup>2</sup>	0.97 0.31, 2.35 As Expected
<b>Using the most effective access to the bloodstream<sup>3</sup> (October 2017-September 2018)</b>	
2.6 Rate of fistula (Table 1) Lower Confidence Limit (2.5%), Upper Confidence Limit (97.5%) Classification Category <sup>4</sup>	55.6% 32.0%, 77.7% As Expected
2.7 Adult patients who had a catheter (tube) left in a vein for at least three consecutive complete months, for the regular hemodialysis treatments (Table 4)	9%
<b>Removing waste from blood and nutritional status<sup>3</sup> (October 2017-September 2018, Table 4)</b>	
2.8 Adult patients who had enough waste removed from their blood during hemodialysis	99%
2.9 Adult patients who had enough waste removed from their blood during peritoneal dialysis	Not Available
2.10 Children who had enough waste removed from their blood during hemodialysis	Not Available
2.11 Children who had enough waste removed from their blood during peritoneal dialysis	Not Available
2.12 Children who had a monthly normalized protein catabolic rate (nPCR) measured during in-center hemodialysis	Not Available
<b>Keeping a patient's bone mineral levels in balance<sup>3</sup> (October 2017-September 2018, Table 4)</b>	
2.13 Adult patients who had too much calcium in their blood	0%

(continued)

**Quarterly Dialysis Facility Compare Preview (continued):**

Measure Name	This Facility	Star Rating
<b>3 Survey of patients' experiences table<sup>5</sup> (Fall 2017-Spring 2018, Table 5)</b>	<b>% of Always (Yes) Responses</b>	
3.1 Kidney doctors' communication and caring	56%	★ ★ ☆ ☆ ☆
3.2 Dialysis center staff care and operations	58%	★ ★ ★ ☆ ☆
3.3 Providing information to patients	82%	★ ★ ★ ☆ ☆
3.4 Rating of kidney doctors	53%	★ ★ ☆ ☆ ☆
3.5 Rating of dialysis center staff	59%	★ ★ ☆ ☆ ☆
3.6 Rating of dialysis facility	54%	★ ★ ☆ ☆ ☆
3.7 Overall star rating	n/a	★ ★ ☆ ☆ ☆

n/a = not applicable

[1] The facility rate was calculated by multiplying the facility ratio by the national rate. National rates for mortality, hospitalization, readmission, and transfusion are 21.7, 186.5, 26.9, 21.6, respectively. Calculation of rates using values in report may not equal actual rates shown due to rounding of values.

[2] If the facility SMR (SHR, SRR, STrR, or SIR) is less than 1.00 and statistically significant (p<0.05), the classification is "Better than Expected". This classification is based on the measure ratio, not the rate. If the ratio is greater than 1.00 and statistically significant (p<0.05), the classification is "Worse than Expected". Otherwise, the classification is "As Expected" on DFC. Please note that the SMR is not reported on DFC if it is based on fewer than 3 expected deaths. Similarly, the SHR and STrR are not reported if they are based on fewer than 5 or 10 patient years at risk, respectively. The SRR is not reported if the facility experienced fewer than 11 index discharges. The SIR is not reported if there are fewer than 12 months of reporting in NHSN and/or <= 131 eligible patient-months.

[3] Percentages based on fewer than 11 patients will be reported as "Not Available" on DFC.

[4] If the facility SFR is greater than national SFR and statistically significant (p<0.05), the classification is "Better than Expected". If the rate is less than national rate and statistically significant (p<0.05), the classification is "Worse than expected". Otherwise, the classification is "As Expected" on DFC.

[5] Survey results based on 29 or fewer completed surveys over the two survey periods will be reported as "Not Available" on DFC.



# Quarterly Dialysis Facility Compare - Preview Report for July 2019 Refresh

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

## Upcoming New Measures (not currently reported on DFC)<sup>1</sup> :

The following table displays a preview of new measures for this facility as they will appear in future DFC reports. The measures in this table will not appear on DFC in the upcoming release and are not included in the Quality of Patient Care Star Rating at this time.

	Annual Measures	This Facility	Regional Averages, per Year <sup>2</sup>	
			State	U.S.
<b>1</b>	<b>Standardized First Kidney Transplant Waitlist Ratio for Incident Dialysis Patients (SWR)</b>	<b>2014-2016</b>	<b>2014-2016</b>	<b>2014-2016</b>
1.1	Eligible patients (n=number) <sup>3</sup>	51	9.8	11.2
1.2	Patient-years at risk (n)	45	8.7	9.9
1.3	Transplant waitlist events or receipt of a living-donor transplant (n) <sup>3</sup>	2	0.7	1.1
1.4	Expected number of transplant waitlist or living-donor transplant events (n) <sup>3</sup>	4.1	0.9	1.1
1.5	Standardized Waitlist Ratio <sup>4</sup>	0.49	0.73	1.00
	Lower Confidence Limit <sup>5</sup> (2.5%)	0.06	n/a	n/a
	Upper Confidence Limit <sup>5</sup> (97.5%)	1.76	n/a	n/a
1.6	P-value <sup>6</sup>	0.445	n/a	n/a
1.7	Classification Category <sup>7</sup>	As Expected	n/a	n/a
<b>2</b>	<b>Percentage of Prevalent Patients Waitlisted (PPPW)</b>	<b>2017</b>	<b>2017</b>	<b>2017</b>
2.1	Eligible patients (n)	53	60.1	72.9
2.2	Patient-months at risk (n)	480	510.3	613.3
2.3	Total waitlisted months (n)	44	120.9	123.3
2.4	Percentage of prevalent patients waitlisted <sup>4</sup>	10.1%	23.6%	19.7%
	Lower Confidence Limit <sup>5</sup> (2.5%)	1.4%	n/a	n/a
	Upper Confidence Limit <sup>5</sup> (97.5%)	47.9%	n/a	n/a
2.5	P-value <sup>6</sup>	0.596	n/a	n/a
2.6	Classification Category	As Expected	n/a	n/a

n/a = not applicable

[1] See *Guide to the New Measures in the Quarterly Dialysis Facility Compare Report*.

[2] Values are shown for the average facility, annualized.

[3] Sum of 3 years used for calculations; should not be compared to regional averages.

[4] SWR is calculated as a ratio of observed waitlisted patients to expected waitlisted patients; PPPW is not shown if there are fewer than 11 eligible patients.

[5] The confidence interval range represents uncertainty in the value of the SWR or PPPW due to random variation.

[6] A p-value less than 0.05 indicates that the difference between the actual observed and expected transplant waitlisted (SWR), or the difference between the percentage of prevalent patients waitlisted for your facility and the overall national percentage (PPPW) is probably real and is not due to random chance alone. A p-value greater than or equal to 0.05 indicates that the difference could plausibly be due to random chance.

[7] If a facility's SWR is greater than national SWR and statistically significant (p<0.05), the classification is "Better than Expected". If the ratio is less than national ratio and statistically significant (p<0.05), the classification is "Worse than expected". The classification is "Not Available" if a facility has less than 11 patients or less than 2 expected events. Otherwise, the classification is "As Expected" on DFC.

**TABLE 1: Mortality (2014-2017), Hospitalization, Readmission, and Transfusion Summaries for Medicare Dialysis Patients (2017), and Fistula Use Summary for All Dialysis Patients (October 2017-September 2018)<sup>1</sup>**

The mortality summaries reported in the first part of the table include all Medicare dialysis patients treated at your facility between 2014 and 2017. The hospital admissions and transfusions summaries include all Medicare dialysis patients treated at your facility in 2017. The hospital readmissions summaries include all Medicare-covered hospitalizations that ended in 2017 for all patients in your facility. The fistula use summary includes all dialysis patients treated at your facility during October 2017-September 2018. These measures are adjusted to account for the characteristics of the patient mix at this facility such as age, sex, and diabetes as a cause of ESRD. Time at risk and deaths/admissions/transfusions within 60 days after transfer out of this facility are attributed to this facility for the mortality/hospitalization/transfusion measures. Time at risk and admissions starting three days before transplantation are excluded from the hospitalization measures. State and national averages are included to allow for comparisons. SMR, SHR, SRR, and STrR are updated annually in October; SFR is updated quarterly in January, April, July, and October.

Measure Name	This Facility	Regional Averages <sup>2</sup> , per Year	
		State	U.S.
<b>Standardized Mortality Ratio (SMR)</b>	<b>2014-2017</b>	<b>2014-2017</b>	<b>2014-2017</b>
1a Medicare patients (n=number) <sup>3</sup>	280	53.9	71.1
1b Patient-years at risk (n)	188	36.5	43.5
1c Deaths (n) <sup>3</sup>	50	7.5	9.4
1d Expected deaths (n) <sup>3</sup>	48	7.0	9.5
1e Standardized Mortality Ratio <sup>4</sup>	1.04	1.06	1.00
Lower Confidence Limit <sup>5</sup> (2.5%)	0.77	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	1.37	n/a	n/a
1f P-value <sup>6</sup>	0.837	n/a	n/a
1g Mortality Rate (per 100 patient-years) <sup>7</sup>	22.5	n/a	21.7
Lower Confidence Limit <sup>5</sup> (2.5%)	16.7	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	29.7	n/a	n/a
<b>Standardized Hospitalization Ratio (SHR): Admissions</b>	<b>2017</b>	<b>2017</b>	<b>2017</b>
1h Medicare patients (n)	55	55.7	68.8
1i Patient-years at risk (n)	38	36.1	44.6
1j Total admissions (n)	84	61.0	82.2
1k Expected total admissions (n)	74.1	64.6	82.9
1l Standardized Hospitalization Ratio (Admissions) <sup>4</sup>	1.13	0.94	1.00
Lower Confidence Limit <sup>5</sup> (2.5%)	0.76	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	1.77	n/a	n/a
1m P-value <sup>6</sup>	0.499	n/a	n/a
1n Hospitalization Rate (per 100 patient-years) <sup>7</sup>	211.2	n/a	186.5
Lower Confidence Limit <sup>5</sup> (2.5%)	141.3	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	329.7	n/a	n/a
<b>Standardized Readmission Ratio (SRR)</b>	<b>2017</b>	<b>2017</b>	<b>2017</b>
1o Index discharges (n)	76	58.0	76.4
1p Total readmissions (n)	18	14.5	21.0
1q Expected total readmissions (n)	18.2	15.5	21.4
1r Standardized Readmission Ratio <sup>4</sup>	0.99	0.99	1.04
Lower Confidence Limit <sup>5</sup> (2.5%)	0.54	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	1.55	n/a	n/a
1s P-value <sup>6</sup>	0.998	n/a	n/a
1t Readmission Rate (Percentage of hospital discharges) <sup>7</sup>	26.6%	n/a	26.9%
Lower Confidence Limit <sup>5</sup> (2.5%)	14.5%	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	41.7%	n/a	n/a

(continued)

**TABLE 1: Mortality (2014-2017), Hospitalization, Readmission, and Transfusion Summaries for Medicare Dialysis Patients (2017), and Fistula Use Summary for All Dialysis Patients (October 2017-September 2018)<sup>1</sup> (continued)**

Measure Name	This Facility	Regional Averages <sup>2</sup> , per Year	
		State	U.S.
<b>Standardized Transfusion Ratio (STrR)</b>	<b>2017</b>	<b>2017</b>	<b>2017</b>
1u Adult Medicare Patients (n)	45	48.8	58.7
1v Patient-years at risk (n)	27	29.7	34.9
1w Total transfusions (n)	20	6.5	7.4
1x Expected total transfusions (n)	5.9	6.3	7.4
1y Standardized Transfusion Ratio <sup>4</sup>	3.38	1.02	1.01
Lower Confidence Limit <sup>5</sup> (2.5%)	1.64	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	7.74	n/a	n/a
1z P-value <sup>6</sup>	<0.01	n/a	n/a
1aa Transfusion Rate (per 100 patient-years) <sup>7</sup>	73.0	n/a	21.6
Lower Confidence Limit <sup>5</sup> (2.5%)	35.5	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	167.5	n/a	n/a
<b>Standardized Fistula Rate (SFR)</b>	<b>Oct'17--Sep'18</b>	<b>Oct'17--Sep'18</b>	<b>Oct'17--Sep'18</b>
1ab Eligible adult HD patients (n)	63	63.3	82.2
1ac Patient-months at risk (n)	576	559.1	707.8
1ad Total fistula-months (n)	332	318.7	448.4
1ae Standardized Fistula Rate <sup>4</sup>	55.6%	57.6%	63.1%
Lower Confidence Limit <sup>5</sup> (2.5%)	32.0%	n/a	n/a
Upper Confidence Limit <sup>5</sup> (97.5%)	77.7%	n/a	n/a
1af P-value <sup>6</sup>	0.481	n/a	n/a

n/a = not applicable

[1] See *Guide, Section V*.

[2] Values are shown for the average facility, annualized.

[3] Sum of 4 years used for calculations; should not be compared to regional averages.

[4] Calculated as a ratio of observed deaths (or admissions/readmissions/transfusions) to expected deaths (or admissions/readmissions/transfusions) (1c to 1d for deaths, 1j to 1k for admissions, 1p to 1q for readmissions, 1w to 1x for transfusions), or an adjusted rate of fistula use; not shown if there are fewer than 3 expected deaths for mortality, fewer than 5 or 10 patient-years at risk for admissions or transfusions, fewer than 11 index discharges for readmissions, or fewer than 11 eligible adult HD patients for SFR, respectively.

[5] The confidence interval range represents uncertainty in the value of the SMR, SHR, SRR, STPr, or SFR due to random variation.

[6] A p-value less than 0.05 indicates that the difference between the actual and expected mortality (or admissions/readmissions/transfusions), or the difference between the fistula rate for your facility and the overall national fistula rate is probably real and is not due to random chance alone. A p-value greater than or equal to 0.05 indicates that the difference could plausibly be due to random chance.

[7] The facility rate was calculated by multiplying the facility ratio by the national rate. National rates for mortality, hospitalization, readmission, and transfusion are 21.7, 186.5, 26.9, 21.6, respectively. Calculation of rates using values in report may not equal actual rates shown due to rounding of values.

**TABLE 2: Facility Bloodstream Infection Summary for Hemodialysis Patients based on National Healthcare Safety Network (NHSN) (January-December 2017)<sup>1</sup>**

This table displays bloodstream infection information for dialysis facilities as collected from the National Healthcare Safety Network. The measure is updated annually in October.

Measure Name		This Facility
<b>Standardized Infection Ratio (SIR)</b>		<b>2017</b>
2a	Eligible patient-months (n=number)	600
2b	Observed bloodstream infections (n)	4
2c	Predicted bloodstream infections (n)	4.1
2d	Standardized Infection Ratio <sup>2</sup>	0.97
	Lower Confidence Limit <sup>3</sup> (2.5%)	0.31
	Upper Confidence Limit <sup>3</sup> (97.5%)	2.35

n/a = not applicable.

[1] See *Guide, Section VI*.

[2] Calculated as a ratio of observed infections to expected infections (2b to 2c for infections); not shown if there are fewer than 12 months of reporting in NHSN and/or <= 131 eligible patient-months.

[3] The confidence interval range represents uncertainty in the value of the SIR due to random variation.

SAMPLE



**TABLE 3: Facility Hemoglobin for Medicare Dialysis Patients based on Medicare Dialysis Claims (October 2017-September 2018)<sup>1</sup>**

Anemia management is reported by quarter and for a one-year period. One-year state and national averages are included to allow for comparisons. The quarterly values are provided in order to allow for you to evaluate facility time trends and will not appear on DFC. This measure is based on all Medicare dialysis claims reported under the CCN(s) included in this report and are updated on DFC quarterly in January, April, July, and October.

Measure Name	This Facility					Regional Averages <sup>2</sup>	
	Q1 Oct'17--Dec'17	Q2 Jan'18--Mar'18	Q3 Apr'18--Jun'18	Q4 Jul'18--Sep'18	Q1-Q4 Oct'17--Sep'18	State Oct'17--Sep'18	U.S. Oct'17--Sep'18
<b>Hemoglobin<sup>3</sup></b>							
3a Eligible patients (n=number)	29	28	26	26	27	30.3	38.1
3b Hemoglobin < 10g/dL (% of 3a)	17.2	25.0	11.5	11.5	7.4	16.4	18.0
3c Hemoglobin > 12g/dL (% of 3a)	0.0	0.0	0.0	0.0	0.0	0.1	0.2

[1] See *Guide, Section VII*.

[2] Values are shown for the average facility. Measure values will be missing if there are no eligible patients/patient-months.

[3] Among patients with at least 1 eligible claim/quarter and 4 eligible claims/year: eligible claims include ESA-treated dialysis patients with ESRD for 90+ days at this facility.

SAMPLE

**TABLE 4: Facility Dialysis Adequacy, Nutritional Status, Long Term Catheter Use, and Mineral and Bone Disorder for Dialysis Patients based on CROWNWeb (October 2017-September 2018)<sup>1</sup>**

Hypercalcemia, serum phosphorus concentrations, Kt/V, long term catheter, and nPCR are reported by quarter and for a one-year period. One-year state and national averages are included to allow for comparisons. The quarterly measures are provided in order to allow you to evaluate facility time trends and will not appear on DFC. These measures are based on CROWNWeb data and are updated on DFC quarterly in January, April, July, and October.

Measure Name	This Facility					Regional Averages <sup>2</sup>	
	Q1 Oct'17--Dec'17	Q2 Jan'18--Mar'18	Q3 Apr'18--Jun'18	Q4 Jul'18--Sep'18	Q1-Q4 Oct'17--Sep'18	State Oct'17--Sep'18	U.S. Oct'17--Sep'18
<b>Hypercalcemia</b>							
4a Eligible adult patients (n=number)	52	52	50	48	60	66.1	84.9
4b Eligible adult patient-months (n) <sup>3</sup>	147	146	142	127	562	588.6	742.0
4c Average uncorrected serum or plasma calcium >10.2 mg/dL <sup>8</sup>	0.7	0.0	0.0	0.0	0.2	1.5	2.1
<b>Serum Phosphorus Concentrations</b>							
4d Eligible adult patients (n)	53	54	54	50	64	69.2	89.2
4e Eligible adult patient-months (n) <sup>3</sup>	150	150	148	134	582	603.3	762.5
4f Serum phosphorus categories (% , sums to 100%)							
<3.5 mg/dL	10.7	5.3	8.8	9.7	8.6	8.7	8.6
3.5-4.5 mg/dL	26.0	20.0	18.9	20.1	21.3	23.3	25.2
4.6-5.5 mg/dL	20.0	22.7	21.6	33.6	24.2	29.4	30.9
5.6-7.0 mg/dL	30.0	28.0	31.1	24.6	28.5	23.1	21.8
>7.0 mg/dL	13.3	24.0	19.6	11.9	17.4	15.4	13.6
<b>Kt/V<sup>4</sup></b>							
4g Eligible adult hemodialysis (HD) patients (n) <sup>5</sup>	46	48	47	45	56	57.8	74.8
4h Eligible adult HD patient-months (n) <sup>3,5</sup>	130	135	133	120	518	514.4	645.0
4i Eligible patient-months with Kt/V missing or out of range (n)	1	0	0	0	1	10.0	9.6
4j Adult HD: Kt/V >=1.2 (% of 4h)	97.7	99.3	99.2	100	99.0	96.1	96.4
4k Eligible adult peritoneal dialysis (PD) patients (n)	0	0	0	0	0	26.3	21.1
4l Eligible adult PD patient-months (n) <sup>3</sup>	.	.	.	.	.	215.6	166.6
4m Eligible patient-months with Kt/V missing or out of range (n)	.	.	.	.	.	7.4	6.7
4n Adult PD: Kt/V >=1.7 (% of 4l) <sup>6</sup>	.	.	.	.	.	92.4	91.3
4o Eligible HD pediatric patients (n) <sup>5</sup>	0	0	0	0	0	n/a	n/a
4p Eligible HD pediatric patient-months (n) <sup>3,5</sup>	.	.	.	.	.	n/a	n/a
4q Eligible patient-months with Kt/V missing or out of range (n)	.	.	.	.	.	n/a	n/a
4r Pediatric HD: Kt/V >=1.2 (% of 4p)	.	.	.	.	.	.	.
4s Eligible PD pediatric patients (n)	0	0	0	0	0	n/a	n/a
4t Eligible PD pediatric patient-months (n) <sup>3</sup>	.	.	.	.	.	n/a	n/a
4u Eligible patient-months with Kt/V missing or out of range (n)	.	.	.	.	.	n/a	n/a
4v Pediatric PD: Kt/V >=1.8 (% of 4t) <sup>7</sup>	.	.	.	.	.	.	.

(continued)

**TABLE 4: Facility Dialysis Adequacy, Nutritional Status, Long Term Catheter Use, and Mineral and Bone Disorder for Dialysis Patients based on CROWNWeb (October 2017-September 2018)<sup>1</sup> (continued)**

Measure Name	This Facility					Regional Averages <sup>2</sup>	
	Q1 Oct'17--Dec'17	Q2 Jan'18--Mar'18	Q3 Apr'18--Jun'18	Q4 Jul'18--Sep'18	Q1-Q4 Oct'17--Sep'18	State Oct'17--Sep'18	U.S. Oct'17--Sep'18
<b>Long Term Catheter Rate</b>							
4w Eligible adult HD Patients (n)	53	53	53	50	63	63.3	82.2
4x Patient-months at risk (n) <sup>3</sup>	150	147	145	134	576	559.1	707.8
4y Long-Term Catheter Rate <sup>8</sup>	12.7	11.6	8.3	3.7	9.2	7.7	13.0
<b>nPCR</b>							
4z Eligible pediatric in-center HD patients	0	0	0	0	0	n/a	n/a
4aa Eligible pediatric in-center HD patient-months <sup>3</sup>	.	.	.	.	.	n/a	n/a
4ab Percentage of pediatric in-center hemodialysis patient-months with documented monthly nPCR measurements	.	.	.	.	.	.	.

[1] See *Guide, Section VIII*.

[2] Counts are shown for the average facility. Counts will be missing if there are no eligible patients/patient-months.

[3] Patients may be counted up to 12 times per year.

[4] Missing or out of range Kt/V values are supplemented with Medicare dialysis claims.

[5] HD Kt/V summaries are restricted to patients who dialyze thrice weekly.

[6] Adult PD Adequacy uses the most recent value over a 4-month look-back period.

[7] Pediatric PD Adequacy uses the most recent value over a 6-month look-back period.

[8] Missing values are included in the numerator.

SAMPLE

**TABLE 5: Patient Experience of Care based on ICH CAHPS (October 25, 2017-January 17, 2018 and April 20, 2018-July 13, 2018)<sup>1</sup>**

ICH CAHPS survey results are reported for three composite measures and three global items. Linearized score and star rating for each composite measure and an overall star rating have been added. The data include the two most recent semi-annual surveys. State and National averages are included to allow for comparisons. These measures are updated semi-annually in April and October.

Measure Name	This Facility	Regional Averages <sup>2</sup>	
		State	U.S.
ICH CAHPS <sup>3</sup>	Fall 2017-Spring 2018	Fall 2017-Spring 2018	Fall 2017-Spring 2018
5a Number of Completed Surveys	41	n/a	n/a
5b Response Rate (%)	43	32	32
<b>Composite Measures<sup>3</sup></b>			
5c Percent of Patients reporting- Kidney doctors' communication and caring			
Always	56	67	67
Sometimes	21	14	15
Never	23	19	18
Linearized Score	76	81	81
Star Rating	★★☆☆☆	n/a	n/a
5d Percent of Patients reporting- Dialysis center staff care and operations			
Always	58	61	62
Sometimes	26	18	20
Never	16	21	18
Linearized Score	80	78	80
Star Rating	★★★★☆	n/a	n/a
5e Percent of Patients reporting- Providing information to patients			
Yes	82	80	80
No	18	20	20
Linearized Score	82	80	80
Star Rating	★★★★☆	n/a	n/a
<b>Global Items<sup>3</sup></b>			
5f Percent of Patients- Rating of kidney doctors			
Most favorable	53	58	60
Middle favorable	23	28	26
Least favorable	24	14	14
Linearized Score	78	84	84
Star Rating	★★☆☆☆	n/a	n/a
5g Percent of Patients- Rating of dialysis center staff			
Most favorable	59	60	63
Middle favorable	29	27	25
Least favorable	12	13	12
Linearized Score	85	85	86
Star Rating	★★★★☆	n/a	n/a

(continued)

**TABLE 5: Patient Experience of Care based on ICH CAHPS (October 25, 2017-January 17, 2018 and April 20, 2018-July 13, 2018)<sup>1</sup> (continued)**

Measure Name	This Facility	Regional Averages <sup>2</sup>	
		State	U.S.
Global Items <sup>3</sup>	Fall 2017-Spring 2018	Fall 2017-Spring 2018	Fall 2017-Spring 2018
5h Percent of Patients- Rating of dialysis facility			
Most favorable	54	64	68
Middle favorable	21	23	20
Least favorable	25	13	12
Linearized Score	81	86	87
Star Rating	★ ★ ★ ☆ ☆	n/a	n/a
5i Overall Star Rating	★ ★ ★ ☆ ☆	n/a	n/a

n/a = not applicable

[1] See *Guide, Section IX*.

[2] Values are shown for the average facility.

[3] Not shown if there are 29 or fewer completed surveys over the two survey periods.

SAMPLE

**TABLE 6: Quality of Patient Care Star Rating Calculation<sup>1</sup>**

This star rating is based on the measures reported in the QDFC-Preview Report for the October 2018 release and is updated annually each October on DFC. The time period for SMR in this table is January 2014-December 2017; all other measures are January-December 2017. Important: The time period reflected for these measures may not match the time periods of SFR in Table 1 and the time periods of Kt/V, hypercalcemia, and long term catheter rate in Table 4. Further description of the methodology can be found in *Section X* of the *Guide to the Quarterly Dialysis Facility Compare Report*.

Calculation Definition	This Facility
<b>6a Standardized Outcomes Domain Score</b> (average of 6c, 6e, 6g, and 6i) <sup>2</sup>	-0.82
6b Standardized Mortality Ratio (SMR) <sup>3</sup>	1.04
6c Measure Score: SMR <sup>4</sup>	-0.29
6d Standardized Hospitalization Ratio (Admissions) (SHR) <sup>3</sup>	1.13
6e Measure Score: SHR <sup>4</sup>	-0.72
6f Standardized Readmission Ratio (SRR) <sup>3</sup>	0.99
6g Measure Score: SRR <sup>4</sup>	-0.21
6h Standardized Transfusion Ratio (STrR) <sup>3</sup>	3.38
6i Measure Score: STrR <sup>4</sup>	-2.05
<b>6j Other Outcomes 1 Domain Score</b> <sup>5</sup> (average of 6l and 6n) <sup>2</sup>	-0.29
6k Standardized Fistula Rate (SFR) <sup>6</sup>	54.49
6l Measure Score: SFR <sup>4</sup>	-0.80
6m Long Term Catheter Rate <sup>6</sup>	10.84
6n Measure Score: Catheter <sup>4</sup>	0.23
<b>6o Other Outcomes 2 Domain Score</b> (average of 6u and 6w) <sup>2</sup>	0.71
6p Adult HD: Percentage of patients with Kt/V $\geq$ 1.2 <sup>6</sup>	97.16%
6q Adult PD: Percentage of patients with Kt/V $\geq$ 1.7 <sup>6</sup>	Not Available
6r Pediatric HD: Percentage of patients with Kt/V $\geq$ 1.2 <sup>6</sup>	Not Available
6s Pediatric PD: Percentage of patients with Kt/V $\geq$ 1.8 <sup>6</sup>	Not Available
6t Overall: Percentage of patients with Kt/V $\geq$ specified threshold <sup>7</sup>	97.16%
6u Measure Score: Kt/V <sup>4</sup>	0.53
6v Percentage of patients with uncorrected serum or plasma calcium > 10.2 mg/dL <sup>6</sup>	0.33%
6w Measure Score: Hypercalcemia <sup>4</sup>	0.89
<b>6x Final score (average of 6a, 6j, 6o)</b> <sup>8,9</sup>	-0.1333
<b>6y Quality of Patient Care Star Rating</b>	★★★☆☆

[1] See *Guide, Section X*.

[2] The Domain Score is the average of the measure scores within that domain. If there is at least one measure in the domain, the missing measures in that domain are imputed with the average of the measure score to limit the non-missing measures from being too influential. If all measures in a domain are missing, then the domain score is not calculated.

[3] Calculated as a ratio of observed deaths (or admissions/readmissions/transfusions) to expected deaths (or admissions/readmissions/transfusions); not included in star rating calculation if there are fewer than 3 expected deaths for mortality, fewer than 5 or 10 patient-years at risk for admissions or transfusions, or fewer than 11 index discharges for readmissions, respectively.

[4] If a measure is Not Available, its measure score will be imputed with the average of the measure score to limit the non-missing measures from being too influential in calculation of the domain score.

[5] Facilities that serve only PD patients will not have any measures in this domain since their patients do not have fistulas or catheters. For these facilities, this domain was not included in the star rating calculation.

[6] Percentages based on 10 or fewer patients are shown in this table but will be reported as 'Not Available' on DFC.

[7] For improved ability to compare Kt/V in facilities with different types of patients in terms of modality or pediatric status, the adult and pediatric HD and PD Kt/V measurements were pooled into one measure. The percentage of patients that achieve Kt/V greater than the specified thresholds for each of the four respective patient types (adult PD patients, adult HD patients, pediatric HD patients, and pediatric PD patients) was weighted based on the number of patient-months of data available. If the overall Kt/V percentage is based on 10 or fewer patients, then it is reported as 'Not Available' in this table.

[8] Final score is the average of the 3 domain scores. If all measures in a given domain are missing, then there is no final score and no star rating computed with the exception of PD only facilities. PD only facilities are not eligible for Other Outcomes Domain 1 (SFR and catheter), therefore, they are only scored on the Standardized Outcomes Domain and Other Outcomes 2 Domain if they have at least one measure value in each of these two domains.

[9] The final score value has been truncated for display purposes.