

2012 Dialysis Facility Report

Purpose of the Report

The *2012 Dialysis Facility Report (DFR)* is provided as a resource for characterizing selected aspects of clinical experience at this facility relative to other caregivers in this state, ESRD Network, and across the United States. Since these data could be useful in quality improvement and assurance activities, each state's surveying agency may utilize this report as a resource during the FY 2013 survey and certification process.

Please note that the Dialysis Facility Compare (DFC) preview has been moved from the DFR into the new DFC Report.

This report has been prepared for this facility by the University of Michigan Kidney Epidemiology and Cost Center (UM-KECC) and Arbor Research Collaborative for Health with funding from the Centers for Medicare & Medicaid Services (CMS) and is based primarily on Medicare claims and data collected for CMS. It is the seventeenth in a series of annual reports. This is one of 6,052 reports that have been sent to the ESRD Networks for distribution to ESRD providers in the U.S.

This DFR includes data specific to CCN(s): 502509

Overview: This report includes summaries of patient characteristics, treatment patterns, and patient outcomes for chronic dialysis patients who were treated in this facility between January 2008 and December 2011. Mortality, hospitalization, and transplantation statistics are reported for a three- or four-year period. Regional and national averages are included to allow for comparisons. Several of the summaries of patient mortality, hospitalization, and transplantation are adjusted to account for the characteristics of the patient mix at this facility, such as age, sex, race, ethnicity, and diabetes as a cause of ESRD. Unless otherwise specified, data refer to hemodialysis (HD) and peritoneal dialysis (PD) patients combined.

Selected highlights from this report are given on pages 2 through 4. For a complete description of the methods used to calculate the statistics in this report, please see the *Guide to the 2012 Dialysis Facility Reports*. The *Guide* may be downloaded from the methodology section of the Dialysis Reports website at www.DialysisReports.org.

What's New This Year: As part of a continuing effort to improve the quality and relevance of this report, the following changes have been incorporated into the 2012 DFR. Confidence intervals and p-values for the standardized hospitalization measures are now reported in Table 2. Emergency department visit (Table 2) and comorbidity (Table 11) summaries are now calculated for the four-year period. In addition, the percent of patients with Metastatic or Tuberculosis infections based on Medicare claims at the end of the year were added to Table 11. Vocational rehabilitation and frequency of hemodialysis reported on the AFS are now reported in Table 13. Please note that there is no longer a supplemental report, and the following items that were previously included in the Supplement are now reported in the 2012 DFR: (1) Graphical displays of selected measures are included in the highlights section; (2) Dialysis access-related infection rates reported separately by modality using ICD-9 codes for eligible Medicare dialysis patients in your facility are reported in Table 8; (3) Vascular access type and dialysis adequacy measures reported in Medicare claims using V modifiers, value codes and occurrence codes collected beginning July 2010 are reported in Table 8 and Table 6, respectively; and (4) Selected patient characteristics and measures for patients under the age of 18 are included for facilities that treated five or more patients under the age of 18 over the four-year period (Table 16).

How to Submit Comments

Between July 15, 2012 and August 15, 2012, facilities may submit comments to their state surveyor or UM-KECC by visiting www.DialysisReports.org, logging on to view their report, and clicking on the **Comments & Inquiries** tab. Questions or comments after the comment period is over may be submitted, to us directly at Support@DialysisReports.org or 1-877-665-1680.

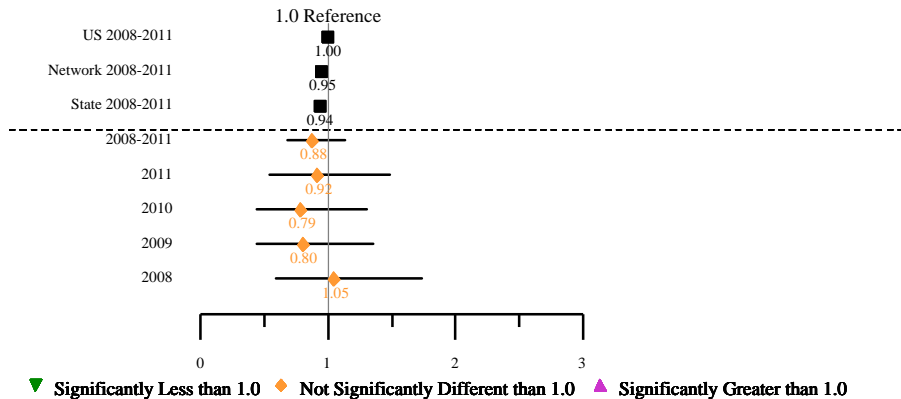
- (1) **State Surveyor:** Dialysis Facilities may submit comments on the DFR for their state's surveyors. State surveyor(s) will receive a copy of their DFR with the comments they submitted in September 2012.
- (2) **UM-KECC:** Submit questions or suggestions to improve the DFR to UM-KECC. These comments will not be shared with CMS or your state surveyor.

Facility Highlights

Standardized Mortality Ratio (SMR) (Table 1):

- At this facility, 2008-2011 SMR is 0.88, which is 12% fewer deaths than expected at this facility. Among all U.S. facilities, 32% of facilities had a four-year SMR lower than 0.88. This difference is not statistically significant ($p \geq 0.05$), so this lower mortality could plausibly be just a chance occurrence. The 2008-2011 SMR of observed to expected deaths is 0.94 and 0.95 for your State and Network, respectively.

The markers show the values of the SMR for this facility, State, Network, and Nation. The bolded horizontal line shows the range of uncertainty due to random variation (95% confidence interval; significant if it does not cross the 1.0 reference line). Regional and national SMR are plotted above the dotted line to allow for comparisons to facility values.

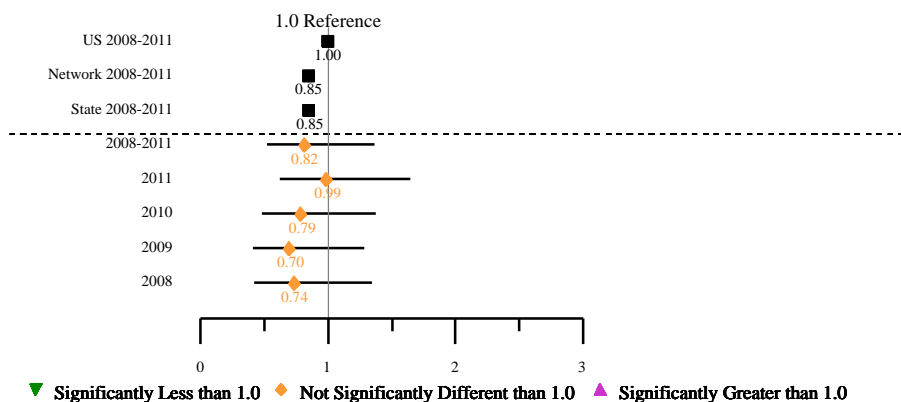


- At this facility, the first-year SMR of observed to expected deaths is 0.58, which is 42% fewer deaths than expected at this facility. Among all U.S. facilities, 16% of facilities had a first-year SMR lower than 0.58. This difference is not statistically significant ($p \geq 0.05$), so this lower mortality could plausibly be just a chance occurrence. The first-year SMR (2008-2010) of observed to expected deaths is 0.89 and 0.88 for your State and Network, respectively.

Standardized Hospitalization Ratio (SHR) (Table 2):

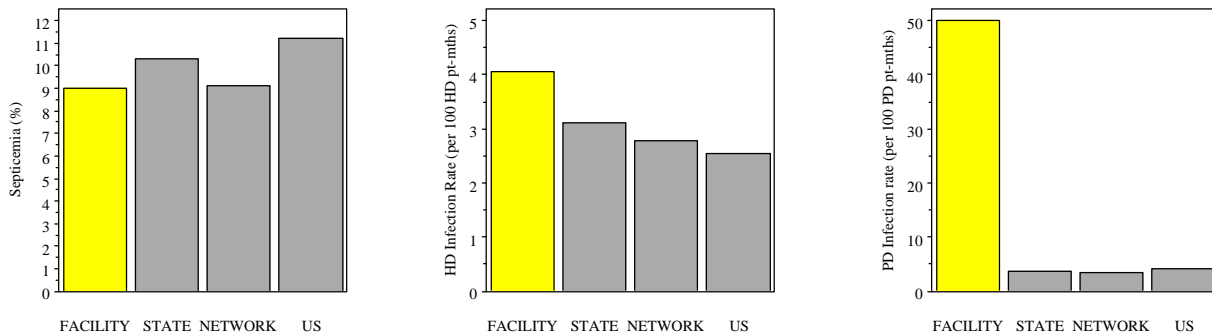
- The 2008-2011 SHR (ED) at this facility is 0.90, which is 10% fewer ED visits than expected. This difference is not statistically significant ($p \geq 0.05$), so this lower ED visit ratio could plausibly be just a chance occurrence. The 2008-2011 SHR (ED) for your State and Network is 0.96 and 0.94, respectively.
- The 2008-2011 SHR (Days) at this facility is 0.56, which is 44% fewer days hospitalized than expected. This difference is not statistically significant ($p \geq 0.05$), so this lower hospitalization could plausibly be just a chance occurrence. The 2008-2011 SHR (Days) for your State and Network is 0.66 and 0.66, respectively.
- The 2008-2011 SHR (Admissions) at this facility is 0.82, which is 18% fewer admissions hospitalized than expected. This difference is not statistically significant ($p \geq 0.05$), so this lower hospitalization could plausibly be just a chance occurrence. The 2008-2011 SHR (Admissions) for your State and Network is 0.85 and 0.85, respectively.

The markers show the values of the SHR (Admissions) for this facility, State, Network, and Nation. The bolded horizontal line shows the range of uncertainty due to random variation (95% confidence interval; significant if it does not cross the 1.0 reference line). Regional and national SHR (Admissions) are plotted above the dotted line to allow for comparisons to facility values.



Infection (Tables 2 and 8):

- The percentage of Medicare dialysis patients at this facility hospitalized with septicemia during 2008-2011 was 9.0%, compared to 10.3% in your State, 9.1% in your Network, and 11.2% nationally.
- The rate of Medicare HD patients at this facility with infection in 2011 was 4.1 per 100 HD patient-months, compared to 3.1 in your State, 2.8 in your Network, and 2.6 nationally.
- The rate of PD catheter-related infection was 50.0 per 100 PD patient-months, compared to 3.7 in your State, 3.5 in your Network, and 4.2 nationally.

**Transplantation (Table 3):**

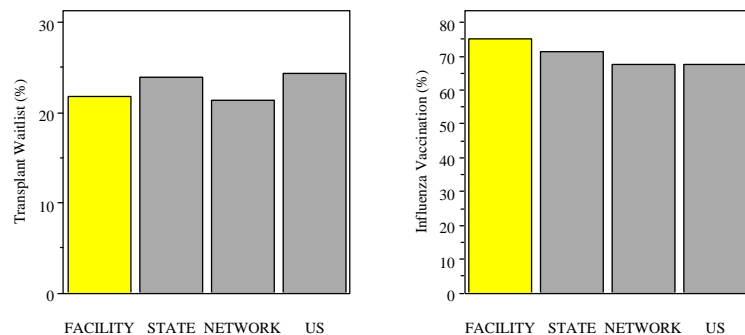
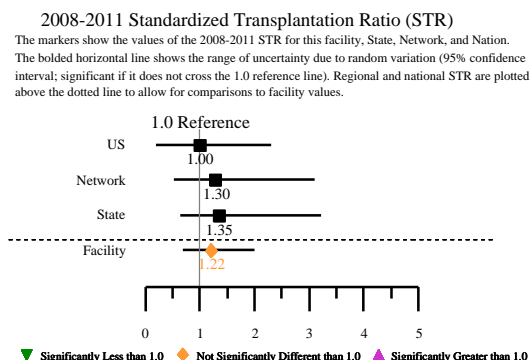
- Of the patients under age 70 treated at this facility during 2008-2011 who had not previously received a transplant, 6% were transplanted annually, while a rate of 5% would be expected for these patients.
- The 2008-2011 Standardized 1st Transplantation Ratio (STR) of observed to expected number of patients transplanted for this facility is 1.22, which is 22% higher than expected for this facility. This difference is not statistically significant ($p \geq 0.05$) and could plausibly be due to random chance. The 2008-2011 STR for your State and Network is 1.35 and 1.30, respectively.

Transplant Waitlist (Table 4):

- The percentage of patients on the kidney transplant waitlist on December 31, 2011 in your State and Network is 24% and 21%, respectively. Among the 92 dialysis patients under age 70 treated at this facility on December 31, 2011, 22% were on the kidney transplant waitlist compared to 24% nationally. This difference is not statistically significant ($p \geq 0.05$) and is plausibly due to random chance.

Influenza Vaccination (Table 5):

- Among the 85 Medicare dialysis patients treated at this facility on December 31, 2010, 75% were vaccinated between September 1 and December 31, 2010 compared to 67% nation. This difference is not statistically significant ($p \geq 0.05$) and is plausibly due to random chance. The percentage of patients vaccinated in your State, Network, and nation is 71%, 68%, and 67%, respectively.



2012 Dialysis Facility Report

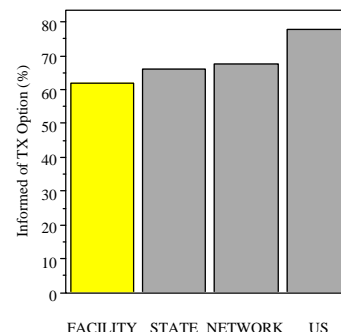
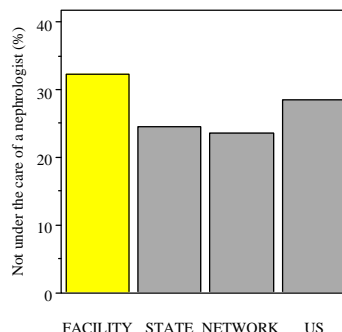
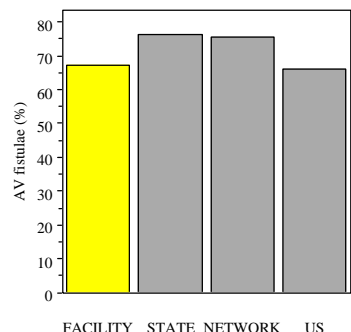
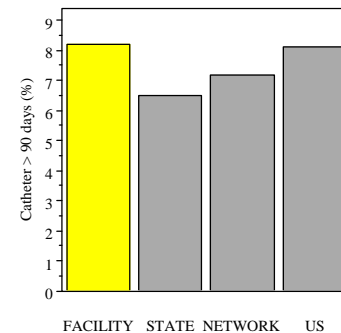
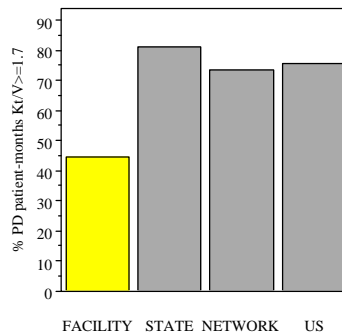
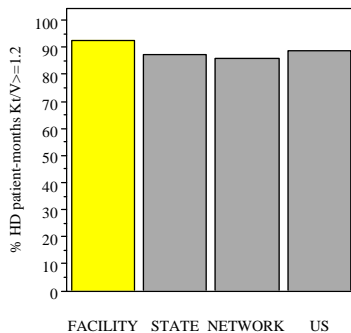
NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

Practice Patterns (Tables 6 and 7):

- Among the 97 ESA-treated dialysis patients included in the analysis in 2011, the average hemoglobin calculated is 11.0 g/dL, compared to 11.0g/dL nationally.
- Among the 96 HD patients in this facility included in the analysis in 2011, 99% had URR above the KDOQI minimum value for URR (65%), compared to 97% nationally.
- In 2011, 92% of eligible HD patient-months had a Kt/V ≥ 1.2 , compared to 87% in your State, 86% in your Network, and 89% nationally.
- In 2011, 44% of eligible PD patient-months had a Kt/V ≥ 1.7 , compared to 81% in your State, 74% in your Network, and 76% nationally.
- At this facility in 2011, an average of 29% of incident patients had arteriovenous (AV) fistulae in place, compared to 45% in your State, 43% in your Network, and 37% nationally.
- Of the prevalent patients receiving hemodialysis treatment at this facility in 2011, 8% had a catheter which had been in place for at least 90 days as their only vascular access, compared to 6% in your State, 7% in your Network, and 8% nationally.

Patient Characteristics (Tables 9 and 10):

- Among the 34 patients with Medical Evidence Forms (CMS-2728) indicating treatment at this facility during 2011:
 - 32% of these patients were not under the care of a nephrologist before starting dialysis, compared to 25% in your State, 24% in your Network, and 29% nationally.
 - 62% of these patients were informed of their transplant options, compared to 66% in your State, 68% in your Network, and 78% nationally.
- Among the patients treated at this facility on December 31, 2011, 7% were treated in a nursing home during the year, compared to 8% nationally.



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

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 1: Mortality Summary for All Dialysis Patients (2008-11) & New Dialysis Patients (2008-10)*¹

Measure Name	This Facility					Regional Averages* ² , per Year, 2008-2011		
	2008	2009	2010	2011	2008-2011	State	Network	U.S.
All Patients: Death Rates								
1a Patients (n=number)	121	137	141	156	555 * ⁸	100.0	79.6	93.1
1b Patient-years (PY) at risk (n)	74.9	94.8	104.7	110.3	384.8 * ⁸	70.4	55.5	62.1
1c Deaths (n)	15	14	15	17	61 * ⁸	13.7	11.0	11.9
1d Expected deaths (n)	14.2	17.4	19.0	18.4	69.0 * ⁸	14.6	11.6	11.9
All Patients: Categories of Death								
1e Withdrawal from dialysis prior to death (% of 1c)	20.0	50.0	46.7	23.5	34.4	40.6	41.8	25.8
1f Death due to: Infections (% of 1c)	33.3	14.3	13.3	23.5	21.3	17.2	16.7	15.5
Cardiac causes (% of 1c)	60.0	71.4	46.7	70.6	62.3	41.9	44.3	46.9
1g Dialysis unrelated deaths * ³ (n; excluded from SMR)	0	0	0	0	0 * ⁸	0.2	0.1	0.1
All Patients: Standardized Mortality Ratio (SMR)								
1h SMR * ⁴	1.05	0.80	0.79	0.92	0.88	0.94	0.95	1.00
1i P-value * ⁵	0.906	0.501	0.435	0.865	0.371	n/a	n/a	n/a
1j Confidence interval for SMR * ⁶								
High (97.5% limit)	1.74	1.35	1.31	1.48	1.14	n/a	n/a	n/a
Low (2.5% limit)	0.59	0.44	0.44	0.54	0.68	n/a	n/a	n/a
1k SMR Percentiles for this Facility (i.e. percent of facilities with lower mortality rates) * ⁷								
In this State	74	29	29	47	36	n/a	n/a	n/a
In this Network	63	33	34	50	37	n/a	n/a	n/a
In the U.S.	58	30	29	42	32	n/a	n/a	n/a
New Patients: First Year Death Rates								
	2008	2009	2010		2008-2010	Regional Averages Per Year, 2008-2010 *²		
1l New Patients (n=number)	17	31	26		74 * ⁸	22.3	18.8	18.9
1m Patient-years (PY) at risk (n)	16.0	28.1	24.8		68.8 * ⁸	19.3	16.2	16.2
1n Deaths (n)	1	7	2		10 * ⁸	4.6	3.9	4.2
1o Expected deaths (n)	2.9	10.2	4.2		17.3 * ⁸	5.2	4.4	4.2
New Patients: Categories of Deaths								
1p Withdrawal from dialysis prior to death (% of 1n)	100	57.1	50.0		60.0	44.5	44.7	27.8
1q Death due to: Infections (% of 1n)	0.0	14.3	0.0		10.0	14.0	14.2	14.0
Cardiac causes (% of 1r)	0.0	42.9	50.0		40.0	38.3	40.1	42.6
New Patients: First Year Standardized Mortality Ratio (SMR)								
1r SMR * ⁴	.	0.68	0.48		0.58	0.89	0.88	1.00
1s P-value * ⁵	.	0.398	0.430		0.086	n/a	n/a	n/a
1t Confidence interval for SMR * ⁶								
High (97.5% limit)	.	1.41	1.74		1.07	n/a	n/a	n/a
Low (2.5% limit)	.	0.27	0.06		0.28	n/a	n/a	n/a
1u First Year SMR Percentiles for this Facility (i.e. percent of facilities with lower mortality rates) * ⁷								
In this State	.	39	17		21	n/a	n/a	n/a
In this Network	.	39	19		22	n/a	n/a	n/a
In the U.S.	.	32	21		16	n/a	n/a	n/a

n/a = not applicable

[*1] See Guide, Section IV.

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

[*3] Defined as deaths due to street drugs and accidents unrelated to treatment.

[*4] Calculated as a ratio of deaths to expected deaths (1c to 1d for all patients, 1p to 1q for new patients); not shown if there are fewer than 3 expected deaths.

[*5] A p-value less than 0.05 indicates that the difference between the actual and expected mortality is probably real and is not due to random chance alone, while a p-value greater than or equal to 0.05 indicates that the difference could plausibly be due to random chance.

[*6] The confidence interval range represents uncertainty in the value of the SMR due to random variation.

[*7] All facilities are included in ranking, regardless of the number of expected deaths.

[*8] Sum of 4 years (all patients), or 3 years (new patients), used for calculations; should not be compared to regional averages.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 2: Hospitalization Summary for Medicare Dialysis Patients^{*1}, 2008-2011

							Regional Averages ^{*2} , per Year, 2008-2011		
Measure Name		2008	2009	2010	2011	2008-2011	State	Network	U.S.
Medicare Dialysis Patients									
2a	Medicare dialysis patients (n)	91	113	116	123	443 ^{*8}	80.8	63.6	73.6
2b	Patient-years (PY) at risk (n)	54.1	76.1	84.2	87.8	302.1 ^{*8}	53.8	41.2	45.4
Days Hospitalized Statistics									
2c	Total days hospitalized (n)	394	591	584	783	2352 ^{*8}	515.4	389.3	652.0
2d	Expected total days hospitalized (n)	771.8	1088.1	1166.4	1165.2	4191.5 ^{*8}	780.4	590.7	652.4
2e	Standardized Hospitalization Ratio (Days) ^{*3}	0.51	0.54	0.50	0.67	0.56	0.66	0.66	1.00
2f	P-value ^{*4}	0.175	0.177	0.124	0.289	0.148	n/a	n/a	n/a
2g	Confidence Interval for SHR (Days) ^{*5}								
	High (97.5% limit)	1.32	1.31	1.20	1.39	1.22	n/a	n/a	n/a
	Low (2.5% limit)	0.22	0.24	0.22	0.33	0.27	n/a	n/a	n/a
2h	Percentiles for this Facility (i.e. % of facilities with lower hospitalization rates [days]) ^{*6}								
	In this State	23	30	26	56	23	n/a	n/a	n/a
	In this Network	26	36	28	57	29	n/a	n/a	n/a
	In the U.S.	9	11	8	20	8	n/a	n/a	n/a
Admission Statistics									
2i	Total admissions (n)	78	107	133	172	490 ^{*6}	92.2	69.4	90.1
2j	Expected total admissions (n)	105.6	152.8	167.7	173.3	599.4 ^{*6}	108.0	82.0	90.1
2k	Standardized Hospitalization Ratio (Admissions) ^{*3}	0.74	0.70	0.79	0.99	0.82	0.85	0.85	1.00
2l	P-value ^{*4}	0.340	0.262	0.437	0.999	0.477	n/a	n/a	n/a
2m	Confidence Interval for SHR (Admissions) ^{*5}								
	High (97.5% limit)	1.35	1.28	1.37	1.64	1.36	n/a	n/a	n/a
	Low (2.5% limit)	0.42	0.41	0.48	0.62	0.52	n/a	n/a	n/a
2n	Percentiles for this Facility (i.e. % of facilities with lower hospitalization rates [admissions]) ^{*6}								
	In this State	33	26	33	68	42	n/a	n/a	n/a
	In this Network	35	28	37	68	45	n/a	n/a	n/a
	In the U.S.	19	15	25	52	25	n/a	n/a	n/a
2o	Diagnoses Associated with Hospitalization (% of 2a) ^{*7}								
	Septicemia	3.3	10.6	8.6	12.2	9.0	10.3	9.1	11.2
	Acute myocardial infarction	5.5	3.5	2.6	8.1	5.0	4.1	3.9	4.2
	Congestive heart failure	16.5	12.4	19.0	22.8	17.8	19.4	18.1	22.0
	Cardiac dysrhythmia	11.0	10.6	9.5	16.3	12.0	13.6	12.6	12.9
	Cardiac arrest	1.1	1.8	2.6	1.6	1.8	1.7	1.6	1.4
2p	One day admissions (% of 2i)	24.4	21.5	20.3	19.8	21.0	18.9	18.3	13.5
2q	Average length of stay (days per admission; 2c/2i)	5.1	5.5	4.4	4.6	4.8	5.6	5.6	7.2
2r	Readmissions within 30 days (n) ^{*9}	15	32	40	42	129 ^{*8}	25.7	18.5	28.0
2s	Admissions that result in readmission within 30 days (% of 2i) ^{*9}	19.2	29.9	30.1	24.4	26.3	27.9	26.6	31.1

(continued)

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 2 (cont.): Hospitalization Summary for Medicare Dialysis Patients^{*1}, 2008-2011

Measure Name		This Facility					Regional Averages ^{*2} , per Year, 2008-2011		
		2008	2009	2010	2011	2008-2011	State	Network	U.S.
Emergency Department (ED) Statistics									
2t	Total ED visits (n)	127	201	235	285	848 ^{*8}	154.9	115.7	135.2
2u	Expected total ED visits (n)	159	235	266	280	939 ^{*8}	161.6	123.1	135.2
2v	Standardized Hospitalization Ratio (ED) ^{*3}	0.80	0.85	0.88	1.02	0.90	0.96	0.94	1.00
2w	P-value ^{*4}	0.440	0.628	0.706	0.831	0.752	n/a	n/a	n/a
2x	Confidence Interval for SHR (ED) ^{*5}								
	High (97.5% limit)	1.39	1.43	1.45	1.62	1.43	n/a	n/a	n/a
	Low (2.5% limit)	0.47	0.55	0.58	0.68	0.61	n/a	n/a	n/a
2y	Percentiles for this Facility (i.e. % of facilities with lower hospitalization rates [ED]) ^{*6}								
	In this State	27	29	38	61	42	n/a	n/a	n/a
	In this Network	27	36	41	61	41	n/a	n/a	n/a
	In the U.S.	25	32	36	55	35	n/a	n/a	n/a
2z	Patients with ED visit (% of 2a)	57.1	57.5	63.8	66.7	61.6	62.2	61.1	60.5
2aa	ED visits that result in hospitalization (% of 2t)	40.9	40.8	44.7	46.3	43.8	43.2	41.2	50.9
2bb	Admissions that originate in the ED (% of 2i)	66.7	76.6	78.9	76.7	75.7	72.6	68.7	76.4

n/a = not applicable.

[*1] Based on patients with Medicare as primary insurer; see *Guide, Section V*.

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

[*3] Standardized Hospitalization Ratio calculated as ratio of actual to expected events (2c/2d for days, 2i/2j for admissions, and 2t/2u for ED visits); not shown if there are too few patient years at risk.

[*4] A p-value less than 0.05 indicates that the difference between the actual and expected hospitalization/ED event is probably real and is not due to random chance alone, while a p-value greater than or equal to 0.05 indicates that the difference could plausibly be due to random chance.

[*5] The confidence interval range represents uncertainty in the value of the SHR due to random variation.

[*6] All facilities are included in ranking, regardless of the number of patient years at risk.

[*7] Includes diagnoses present at admission and diagnoses added during the hospital stay.

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

[*9] This value may be an underestimate since readmissions discharged after December 31, 2011 are not included.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 3: Transplantation Summary for Dialysis Patients under Age 70^{*1}, 2008-2011

Measure Name	This Facility					Regional Averages ^{*2} , per Year, 2008-2011		
	2008	2009	2010	2011	2008-2011	State	Network	U.S.
3a Eligible patients (n)	89	99	103	117	408 ^{*11}	67.4	53.6	63.8
3b Transplants (n)	6	2	5	6	19 ^{*11}	3.2	2.4	2.2
3c Donor type (sums to 3b ^{*3})								
Living Donor (n)	1	0	0	1	2 ^{*11}	1.0	0.9	0.7
Deceased Donor (n)	5	2	5	5	17 ^{*11}	2.4	1.7	1.6
Patients who have not Previously Received a Transplant								
3d Eligible patients (n)	75	83	85	102	345 ^{*11}	60.2	47.8	57.4
3e Patient years (PY) at risk (n)	43.8	58.2	63.5	69.8	235.2 ^{*11}	42.5	33.5	38.9
3f First transplants ^{*4} (n)	5	2	3	5	15 ^{*11}	2.9	2.1	1.9
3g Expected First transplants (n)	2.2	3.3	3.4	3.4	12.3 ^{*11}	2.1	1.7	1.9
Standardized 1st Transplantation Ratio (STR)^{*6}								
3h STR ^{*7}	.	.	.	.	1.22	1.35	1.30	1.00
3i P-value ^{*8}	.	.	.	.	0.512	n/a	n/a	n/a
3j 95% Confidence interval for STR ^{*9}								
Upper limit	.	.	.	.	2.01	n/a	n/a	n/a
Lower limit	.	.	.	.	0.68	n/a	n/a	n/a
3k STR Percentiles for this Facility (i.e. percent of facilities with lower transplantation rates) ^{*10}								
In this State	.	.	.	.	50	n/a	n/a	n/a
In this Network	.	.	.	.	52	n/a	n/a	n/a
In the U.S.	.	.	.	.	63	n/a	n/a	n/a

TABLE 4: Waitlist Summary for Dialysis Patients under Age 70 Treated on December 31st of Each Year^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
4a Eligible patients on 12/31 (n)	73	76	87	92	55.8	44.3	46.4
4b Patients on the waitlist (% of 4a)	20.5	23.7	23.0	21.7	24.0	21.3	24.4
4c P-value (compared to U.S. value) ^{*12}	0.296	0.516	0.428	0.322	n/a	n/a	n/a
4d Patients on the waitlist by subgroup (%) ^{*13}							
Age < 40	21.1	31.8	26.3	23.5	37.6	34.9	36.8
Age 40-69	20.4	20.4	22.1	21.3	21.7	19.0	22.6
Male	26.8	32.6	32.5	27.3	25.3	22.8	25.4
Female	12.5	12.1	14.9	16.7	22.3	19.3	23.1
African American	22.2	35.3	36.8	23.1	24.2	21.0	22.4
Asian/Pacific Islander	27.3	26.7	33.3	23.8	27.9	27.2	36.7
Native American	0.0	0.0	0.0	.	12.3	15.0	18.0
White, Hispanic	25.0	25.0	22.2	30.0	22.0	20.7	27.6
White, Non-Hispanic	18.2	18.2	14.3	17.1	23.9	21.0	23.8
Other/unknown race	.	0.0	0.0	.	29.7	24.6	26.6
Diabetes	27.6	20.7	12.1	14.7	17.3	15.3	19.6
Non-diabetes	15.9	25.5	29.6	25.9	29.6	26.2	28.3
Previous kidney transplant	23.1	35.7	15.4	6.7	41.1	38.5	45.8
No previous kidney transplant	20.0	21.0	24.3	24.7	21.9	19.3	22.3
< 2 years since start of ESRD	18.5	16.7	30.3	21.1	18.0	16.5	16.4
2-4 years since start of ESRD	11.8	15.8	16.7	36.4	27.9	23.9	28.5
5+ years since start of ESRD	27.6	33.3	20.0	12.5	27.5	24.8	29.6

n/a = not applicable. [*1] See *Guide, Section VI and VII*. [*2] Values are shown for the average facility. [*3] Values may not sum to 3b due to unknown donor type. [*4] Among first transplants that occurred after the start of dialysis from 2008-2011, 3.9% of transplants in the U.S. were not included because the transplant occurred fewer than 90 days after the start of ESRD and 0.9% were not included because the patient was not assigned to a facility at time of transplant. [*5] Values may not sum to 3f due to unknown donor type. [*6] This section is calculated for the 4-year period only and not reported if there are fewer than 3 expected transplants. [*7] Standardized Transplantation Ratio calculated as ratio of actual (3f) to expected (3g) transplants. [*8] A p-value less than 0.05 indicates that the difference between the actual and expected transplants is probably real and is not due to random chance, while a p-value greater than or equal to 0.05 indicates that the difference is plausibly due to random chance. [*9] The confidence interval range represents uncertainty in the value of the STR due to random variation. [*10] All facilities are included in ranking, regardless of the number of expected transplants. [*11] Sum of 4 years used for calculations; should not be compared to regional averages. [*12] Facility waitlist percentage is compared to the U.S. waitlist percentage for that year: 24.0% (2008), 24.3% (2009), 24.5% (2010), 24.4% (2011). A p-value greater than 0.05 indicates that the difference between percent of patients waitlisted at the facility and national percentage is plausibly due to random chance. [*13] A missing value indicates that there were no eligible patients in the subgroup.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 5: Influenza Vaccination Summary for Medicare Dialysis Patients Treated on December 31st of Each Year^{*1}, Flu Seasons September 2008-March 2011

Measure Name	This Facility			Regional Averages, 2010-2011 ^{*2}		
	2008-09	2009-10	2010-11	State	Network	U.S.
5a Eligible patients on 12/31 (n)	64	88	85	58.0	45.7	49.5
5b Patients vaccinated between Sep. 1 and Dec. 31 (% of 5a)	84.4	76.1	75.3	71.4	67.5	67.4
5c P-value ^{*3} (for 5b compared to U.S. value ^{*4})	<0.01	0.099	0.073	n/a	n/a	n/a
5d Patients vaccinated between Sep. 1 and Mar. 31 (% of 5a)	85.9	80.7	75.3	71.8	68.1	68.0
5e P-value ^{*3} (for 5d compared to U.S. value ^{*5})	<0.01	0.023	0.089	n/a	n/a	n/a
5f Patients vaccinated between Sep. 1 and Dec. 31 by subgroup (%) ^{*6}						
Age < 18	.	.	.	28.6	50.0	48.8
Age 18-39	92.3	75.0	78.6	66.7	61.9	62.6
Age 40-64	79.3	83.3	78.9	70.6	67.3	67.0
Age 65-74	90.9	60.0	73.7	72.1	67.3	67.7
Age 75+	81.8	76.5	64.3	74.1	70.4	69.8
Male	87.5	78.8	81.8	70.2	67.4	67.6
Female	79.2	72.2	68.3	72.8	67.7	67.2
African American	84.6	70.6	89.5	67.8	63.1	64.7
Asian/Pacific Islander	92.3	85.7	85.0	80.3	71.2	68.4
Native American	100	100	100	69.6	59.5	73.0
White	80.6	72.9	63.6	70.6	68.1	69.1
Other/unknown race	.	100	100	59.3	60.0	60.8
Hispanic	83.3	55.6	50.0	77.9	76.3	68.1
< 1 year since start of ESRD	81.8	68.4	30.0	59.9	57.6	55.6
1-2 years since start of ESRD	71.4	65.0	73.3	72.3	68.3	67.5
3+ years since start of ESRD	89.7	83.7	86.7	74.7	70.6	71.2

n/a = not applicable

^{*1} Based on patients with Medicare as primary insurer; see *Guide, Section VIII*.

^{*2} Values are shown for the average facility.

^{*3} A p-value greater than or equal to 0.05 indicates that the difference between percent of patients vaccinated at the facility and national percentage is plausibly due to random chance.

^{*4} Compared to the U.S. value for that year and time period (9/1-12/31): 64.4% (2008-09), 69.3% (2009-10), 67.4% (2010-11).

^{*5} Compared to the U.S. value for that year and time period (9/1-3/31): 65.1% (2008-09), 70.8% (2009-10), 68.0% (2010-11).

^{*6} A missing value indicates that there were no eligible patients in the subgroup.

TABLE 6: Facility Modality, Hemoglobin, and Dialysis Adequacy for Medicare Dialysis Patients^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
Modality (among all dialysis patients with ESRD for 90+ days and 1+ claim at this facility)							
6a Patients treated during year (n)	125	161	164	163	103.3	78.4	75.3
6b Patient-months treated during year (n) ^{*3}	768	978	1117	1162	747.8	556.6	562.9
6c Modality (% of 6b; sums to 100%)							
Hemodialysis	95.6	99.5	98.7	99.2	84.8	85.1	92.0
CAPD/CCPD	0.7	0.3	0.9	0.7	6.9	9.8	7.0
Other dialysis ^{*4}	3.8	0.2	0.4	0.1	8.3	5.1	1.0
6d Percent of patient-months prescribed Iron by Modality ^{*5}							
Hemodialysis	69.6	69.2	62.1	43.9	61.4	63.5	67.6
CAPD/CCPD	40.0	33.3	20.0	25.0	20.8	18.7	22.7
Hemoglobin (among ESA-treated dialysis patients with ESRD for 90+ days and 4+ Hemoglobin claims at this facility)							
6e Eligible patients (n)	71	80	92	97	59.2	44.3	47.5
6f Average hemoglobin (g/dL)	11.7	11.7	11.4	11.0	11.1	11.1	11.0
6g Hemoglobin categories (% of 6e; sums to 100%)							
< 10 g/dL	1.4	1.3	1.1	2.1	3.7	3.8	4.6
10-<11 g/dL	2.8	2.5	13.0	40.2	32.6	31.2	35.8
11-<12 g/dL	76.1	77.5	76.1	54.6	59.9	61.4	57.2
> 12 g/dL	19.7	18.8	9.8	3.1	3.8	3.6	2.4

(continued)

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 6 (cont.): Facility Modality, Hemoglobin, and Dialysis Adequacy for Medicare Dialysis Patients^{*1}, 2008-2011

Measure Name		This Facility				Regional Averages ^{*2} , 2011		
		2008	2009	2010	2011	State	Network	U.S.
Hemoglobin (among ESA-treated dialysis patients with ESRD for 90+ days and 4+ Hemoglobin claims at this facility) (cont.)								
6h	Eligible hemodialysis (HD) patients (n) ^{*6}	71	80	92	97	55.2	40.9	45.0
6i	Hemoglobin categories among HD pts (% of 6h; sums to 100%)							
	< 10 g/dL	1.4	1.3	1.1	2.1	3.5	3.8	4.7
	10-<11 g/dL	2.8	2.5	13.0	40.2	32.0	30.4	35.3
	11-12 g/dL	76.1	78.8	76.1	54.6	60.4	62.1	57.6
	> 12 g/dL	19.7	17.5	9.8	3.1	4.0	3.7	2.5
6j	Eligible peritoneal dialysis (PD) patients (n) ^{*6}	0	1	0	0	4.6	4.2	3.1
6k	Hemoglobin categories among PD pts (% of 6j; sums to 100%)							
	< 10 g/dL	.	0.0	.	.	10.2	10.7	11.1
	10-<11 g/dL	.	0.0	.	.	38.0	37.5	40.4
	11-12 g/dL	.	0.0	.	.	43.6	44.9	44.2
	> 12 g/dL	.	100	.	.	8.2	6.8	4.3
Urea Reduction Ratio (URR; among HD patients with ESRD for 183+ days and 4+ URR claims at this facility)^{*7}								
6l	Eligible patients (n)	66	81	95	96	53.3	40.0	44.2
6m	URR categories (% of 6l; sums to 100%)							
	< 60.0 %	3.0	0.0	0.0	0.0	0.7	0.8	1.0
	60.0-64.9 %	0.0	1.2	2.1	1.0	1.5	1.6	1.5
	65.0-69.9 %	3.0	12.3	10.5	5.2	6.8	8.6	10.4
	70.0-74.9 %	27.3	29.6	28.4	22.9	27.5	30.7	35.0
	75+ %	66.7	56.8	58.9	70.8	63.4	58.3	52.1
6n	URR 65+ (% of 6l; meets a KDOQI guideline)	97.0	98.8	97.9	99.0	97.8	97.6	97.5
6o	URR percentiles for this facility (i.e. % of facilities with a smaller percentage of patients with URR 65+)							
	In this State	35	55	45	57	n/a	n/a	n/a
	In this Network	39	46	43	48	n/a	n/a	n/a
	In the U.S.	44	57	50	51	n/a	n/a	n/a
Kt/V (K = dialyzer clearance of urea; t = dialysis time; V = patient's total body water)^{*8 *9}								
6p	Eligible HD patients (n)	.	.	132	155	89.7	68.3	69.7
6q	Eligible HD patient-months (n) ^{*3}	.	.	520	1081	610	455	502
6r	HD: Average Kt/V ^{*10}	.	.	1.7	1.7	1.7	1.6	1.6
6s	Kt/V categories among HD patients (% of 6q; sums to 100%)							
	<1.2	.	.	3.7	2.3	3.8	4.4	3.4
	1.2-<1.4	.	.	10.8	7.5	10.2	11.8	11.8
	1.4-<1.6	.	.	26.9	25.6	23.6	24.4	26.2
	1.6-<1.8	.	.	24.4	29.0	24.7	24.1	26.2
	>= 1.8	.	.	26.0	30.2	28.9	25.7	24.3
	Missing/Out of Range/Not Performed/Expired	.	.	8.3	5.4	8.8	9.6	8.1
6t	HD: Kt/V >=1.2 (% of 6q)	.	.	88.1	92.3	87.4	86.0	88.5
6u	Eligible peritoneal dialysis (PD) Patients (n)	.	.	4	6	8.2	8.2	5.3
6v	Eligible PD patient-months (n) ^{*3}	.	.	7	9	59.2	58.3	39.5
6w	PD: Average Kt/V ^{*10}	.	.	1.9	2.0	2.3	2.2	2.2
6x	Kt/V categories among PD patients (% of 6v; sums to 100%)							
	<1.7	.	.	28.6	33.3	8.9	14.1	10.2
	1.7-<1.9	.	.	28.6	22.2	13.2	11.1	13.3
	1.9-<2.2	.	.	28.6	0.0	26.5	23.4	23.5
	2.2-<2.5	.	.	14.3	11.1	18.4	16.9	16.8
	>=2.5	.	.	0.0	11.1	23.2	22.2	22.1
	Missing/Out of Range/Not Performed/Expired	.	.	0.0	22.2	9.9	12.2	14.1
6y	PD: Kt/V >=1.7 (% of 6v) ^{*10}	.	.	71.4	44.4	81.3	73.6	75.8

n/a = not applicable

[*1] See *Guide, Section IX*. [*2] Values are shown for the average facility. [*3] Patients may be counted up to 12 times per year.

[*4] Other dialysis includes patients who switch between HD and PD during the month and patients for whom modality is unknown or missing.

[*5] Percent of patient months represented by the corresponding modality percent in 6c. [*6] Sum of eligible HD and PD patients may not add to 6e.

[*7] Claims identified as having 4 or more dialysis sessions per week were excluded from the URR calculations. Among eligible claims in the US, 1.47% were excluded due to frequent dialysis in 2008-2011.

[*8] Claims identified as having 2 or fewer, or 4 or more adult dialysis sessions per week were excluded from the Kt/V calculations.

[*9] Collection of the measures calculated in this section began in July 2010. Includes patients with Medicare as primary insurer and based on the value code D5: Result of last Kt/V.

[*10] Values calculated based only on Kt/V values reported in range.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 7: Vascular Access Information (CMS Fistula First)^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
Vascular Access							
7a Prevalent hemodialysis patient-months ^{*3}	1009	1227	1360	1473	n/a	n/a	n/a
7b Vascular access type in use (% of 7a; sums to 100%)							
Arteriovenous fistula	68.9	67.1	66.2	59.7	68.0	67.3	58.9
Arteriovenous graft	7.4	7.8	11.8	15.9	12.6	12.9	19.9
Catheter	23.7	25.1	22.0	24.4	19.3	19.7	21.1
Other/Missing	0.0	0.0	0.0	0.0	0.1	0.1	0.1
7c Arteriovenous fistulae in place (% of 7a) ^{*4}	78.6	79.3	77.1	67.3	76.5	75.4	66.1
7d Catheter only >= 90 days (% of 7a) ^{*5}	6.8	5.5	5.4	8.2	6.5	7.2	8.1
Vascular Access at First Treatment							
7e Incident hemodialysis patients (n)	17	25	23	35	19.6	16.4	16.3
7f Vascular access type in use (% of 7e; sums to 100%)							
Arteriovenous fistula	5.9	8.0	34.8	14.3	26.3	24.9	18.2
Arteriovenous graft	5.9	0.0	0.0	5.7	3.6	5.1	8.1
Catheter	88.2	92.0	65.2	80.0	69.7	69.6	73.5
Other/Missing	0.0	0.0	0.0	0.0	0.5	0.3	0.2
7g Arteriovenous fistulae in place (% of 7e) ^{*4}	29.4	32.0	56.5	28.6	44.6	43.2	36.8

TABLE 8: Dialysis Access Type and Access-Related Infection Summary for Medicare Dialysis Patients^{*1}, 2008 - 2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
Vascular Access^{*6 *7}							
8a Eligible patient-months (n)	0	0	580	1185	669.8	496.7	540.5
8b Hemodialysis vascular access type (% of 8a)							
Vascular Catheter	.	.	14.5	16.3	16.6	17.9	19.9
Arteriovenous Graft	.	.	2.9	3.0	10.6	11.7	21.4
Arteriovenous Fistula Only	.	.	60.0	56.0	66.5	66.3	57.6
Other (>1) ^{*8}	.	.	22.6	24.6	6.4	4.1	1.1
8c Vascular catheter reported >3 consecutive months	.	.	7.9	8.9	9.8	11.1	13.5
Hemodialysis (HD)							
8d Eligible HD patients (n)	100	132	128	146	94.1	72.8	75.7
8e Eligible HD patient-months ^{*3}	735	1030	1090	1156	705.6	530.0	579.1
8f HD infection rate per 100 hemodialysis patient-months ^{*9}	2.45	3.88	3.39	4.07	3.11	2.79	2.55
8g P-value ^{*10} (compared to U.S. value) ^{*11}	0.033	0.177	0.264	<0.01	n/a	n/a	n/a
Peritoneal Dialysis (PD)							
8h Eligible PD patients (n)	6	4	5	4	9.6	9.5	6.3
8i Eligible PD patient-months ^{*3}	14	7	6	6	66.9	65.6	45.1
8j Peritonitis rate per 100 PD patient-months ^{*9}	0.00	0.00	0.00	0.00	0.15	0.16	0.25
8k P-value ^{*10} (compared to U.S. value) ^{*12}	0.963	0.980	0.984	0.985	n/a	n/a	n/a
8l PD catheter infection rate per 100 PD patient-months	28.57	0.00	33.33	50.00	3.74	3.51	4.21
8m P-value ^{*10} (compared to U.S. value) ^{*13}	<0.01	0.670	0.027	<0.01	n/a	n/a	n/a

n/a = not applicable

[*1] See *Guide, Section X* (Table 7) and *Section XI* (Table 8).

[*2] Values are shown for the average facility.

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

[*4] Includes all patients with fistulae, regardless of whether or not they received their hemodialysis treatments using their fistulae.

[*5] Patients listed as graft or catheter may have had fistulae in place for future use, but they actually received their treatment through a graft or catheter.

[*6] Based on V modifiers including V5, V6, and V7 for catheter, graft, and fistula, respectively. Collection began July 2010.

[*7] Vascular access section includes adult patients only. Pediatric vascular access data can be found in the pediatric table.

[*8] Other includes patients with >1 access type, it does not include missing access type.

[*9] The ICD-9 infection code for HD patients is 996.62. The ICD-9 infection codes for PD patients include 567.0 and 996.68.

[*10] A p-value greater than or equal to 0.05 indicates the differences between the percent of patients with infection at the facility and national percentage is plausibly due to random change.

[*11] Compared to U.S. value for that year: 3.75 (2008), 3.32 (2009), 3.03 (2010), and 2.41 (2011).

[*12] Compared to U.S. value for that year: 0.26 (2008), 0.27 (2009), 0.26 (2010), and 0.24 (2011).

[*13] Compared to U.S. value for that year: 5.51 (2008), 5.55 (2009), 4.52 (2010), and 3.95 (2011).

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 9: Characteristics of New Dialysis Patients^{*1}, 2008-2011 (Form CMS-2728)

Measure Name		This Facility				Regional Averages ^{*2} , 2011		
		2008	2009	2010	2011	State	Network	U.S.
Patient Characteristics								
9a	Total number of patients with forms (n)	17	31	26	34	34.9	30.5	29.0
9b	Average age (years [0-95]) ^{*3}	58.6	66.0	56.0	60.3	62.9	63.1	63.5
9c	Female (% of 9a)	41.2	48.4	73.1	50.0	43.9	42.1	43.3
9d	Race (% of 9a; sums to 100%) ^{*4}							
	African-American	29.4	6.5	15.4	20.6	8.5	6.2	28.0
	Asian/Pacific Islander	29.4	25.8	15.4	29.4	11.7	8.5	4.8
	Native American	5.9	0.0	11.5	0.0	2.8	3.7	1.1
	White	35.3	64.5	53.8	50.0	76.4	80.9	65.7
	Other/Unknown/Missing	0.0	3.2	3.8	0.0	0.7	0.7	0.4
9e	Hispanic (% of 9a)	5.9	6.5	7.7	8.8	7.8	7.4	14.6
9f	Primary cause of ESRD (% of 9a; sums to 100%)							
	Diabetes	29.4	54.8	46.2	38.2	47.1	44.3	45.7
	Hypertension	29.4	29.0	23.1	23.5	18.5	20.2	29.0
	Primary Glomerulonephritis	17.6	6.5	23.1	17.6	11.0	11.0	7.3
	Other/Missing	23.5	9.7	7.7	20.6	23.3	24.5	18.0
9g	Medical coverage (% of 9a; sums to 100%)							
	Employer group only	23.5	19.4	19.2	23.5	15.1	14.9	14.7
	Medicare only	23.5	25.8	15.4	14.7	22.1	24.1	24.2
	Medicaid only	23.5	9.7	30.8	14.7	10.7	9.6	11.8
	Medicare and Medicaid only	0.0	22.6	7.7	11.8	12.4	11.2	13.5
	Medicare and Other	11.8	16.1	15.4	14.7	25.1	25.0	20.7
	Other/Unknown	11.8	3.2	3.8	5.9	8.4	8.2	7.7
	None	5.9	3.2	7.7	14.7	6.2	6.9	7.4
9h	Body Mass Index ^{*5}							
	Male	25.7	22.9	29.4	26.7	27.7	27.8	27.6
	Female	25.9	31.3	28.9	24.7	29.2	29.2	28.9
9i	Employment ^{*6}							
	Six months prior to ESRD treatment	40.0	45.5	53.3	44.4	39.4	38.6	33.7
	At first ESRD treatment	30.0	9.1	26.7	33.3	29.6	27.3	20.3
9j	Primary modality (% of 9a; sums to 100%)							
	Hemodialysis	82.4	96.8	84.6	94.1	90.2	89.2	92.5
	CAPD/CCPD	17.6	3.2	15.4	5.9	9.7	10.7	7.5
	Other/Unknown/Missing	0.0	0.0	0.0	0.0	0.2	0.1	0.0
9k	Number of incident hemodialysis patients (n)	14	30	22	32	30.5	26.7	26.7
9l	Access used at first outpatient dialysis (% of 9k; sums to 100%)							
	Arteriovenous fistula	7.1	10.0	27.3	18.8	24.8	23.5	15.8
	Arteriovenous graft	7.1	3.3	9.1	6.3	3.2	3.3	2.9
	Catheter	85.7	86.7	63.6	75.0	71.9	73.2	81.1
	Other/Unknown/Missing	0.0	0.0	0.0	0.0	0.0	0.0	0.2
9m	Arteriovenous fistulae placed (% of 9k)	14.3	26.7	40.9	25.0	43.3	42.1	33.0
Average Lab Values Prior to Dialysis^{*3}								
9n	Hemoglobin (g/dL [3-18])	10.4	10.5	10.5	10.2	9.9	10.0	9.7
9o	Serum Albumin (g/dL [0.8-6.0])	3.7	3.5	3.8	3.6	3.3	3.3	3.2

(continued)

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 9 (cont.): Characteristics of New Dialysis Patients^{*1}, 2008-2011 (Form CMS-2728)

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
Average Lab Values Prior to Dialysis^{*3}							
9p Serum Creatinine (mg/dL [2-33])	10.7	6.7	6.8	6.8	6.2	6.0	6.2
9q GFR (mL/min [0-60])	6.6	10.2	9.8	11.1	10.8	11.1	11.2
Care Prior to ESRD Therapy							
9r Received ESA prior to ESRD (% of 9a)	64.7	51.6	53.8	17.6	31.0	28.5	19.8
9s Pre-ESRD nephrologist care (% of 9a; sums to 100%)							
No	29.4	29.0	11.5	32.4	24.6	23.7	28.6
Yes, < 6 months	11.8	16.1	19.2	14.7	14.9	14.2	16.3
Yes, 6-12 months	17.6	25.8	11.5	14.7	17.7	17.5	16.3
Yes, > 12 months	41.2	25.8	50.0	38.2	41.6	42.2	26.1
Unknown/missing	0.0	3.2	7.7	0.0	1.3	2.5	12.7
9t Informed of transplant options (% of 9a)	41.2	45.2	65.4	61.8	65.9	67.6	77.8
9u Patients not informed of transplant options (n)	10	17	9	13	13.4	11.1	6.4
9v Reason not informed (% of 9u; may not sum to 100%)							
Medically unfit	20.0	52.9	55.6	46.2	45.6	42.9	31.9
Unsuitable due to age	10.0	11.8	33.3	15.4	12.6	16.0	24.4
Psychologically unfit	10.0	0.0	0.0	7.7	2.2	1.8	3.1
Patient declined information	0.0	0.0	0.0	0.0	0.9	0.9	1.4
Patient has not been assessed	60.0	41.2	11.1	46.2	41.1	42.2	43.7
Comorbid Conditions							
9w Pre-existing Comorbidity (% yes of 9a)							
Congestive heart failure	23.5	54.8	30.8	41.2	31.7	31.3	31.8
Atherosclerotic heart disease ^{*7}	35.3	64.5	34.6	26.5	25.5	25.3	20.0
Other cardiac disorder ^{*7}	17.6	22.6	3.8	8.8	15.6	14.7	18.1
CVD, CVA, TIA	11.8	9.7	11.5	8.8	10.0	10.7	9.2
Peripheral vascular disease	11.8	38.7	38.5	20.6	14.8	15.2	13.1
History of hypertension	94.1	100	88.5	82.4	86.2	87.1	86.8
Diabetes ^{*7}	35.3	61.3	50.0	52.9	59.9	57.6	59.8
Diabetes on insulin	11.8	38.7	34.6	41.2	43.0	41.2	39.2
COPD	5.9	3.2	11.5	5.9	10.9	10.5	9.7
Current smoker	17.6	6.5	7.7	17.6	8.8	8.7	6.3
Cancer	17.6	6.5	3.8	5.9	9.2	9.0	7.8
Alcohol dependence	5.9	3.2	0.0	0.0	1.2	1.6	1.7
Drug dependence	0.0	3.2	11.5	2.9	1.6	1.2	1.2
Inability to ambulate	0.0	12.9	0.0	2.9	5.9	5.7	7.2
Inability to transfer	0.0	3.2	0.0	0.0	2.8	2.4	3.9
9x Average number of comorbid conditions	2.9	4.3	3.3	3.2	3.3	3.2	3.2

n/a= not applicable

[*1] See *Guide, Section XII*.

[*2] Values are shown for the average facility.

[*3] For continuous variables, summaries include only responses in range indicated in brackets.

[*4] 'Asian' includes Indian sub-continent. 'Native American' includes Alaskan Native. 'White' includes Middle Eastern and Arabian.

[*5] The median BMI is computed for adult patients at least 20 years old.

[*6] Full-time, part-time, or student (% of 18-60 year olds).

[*7] Atherosclerotic heart disease includes ischemic heart disease (coronary artery disease) and myocardial infarction. 'Other cardiac disorder' includes cardiac arrest, cardiac dysrhythmia, and pericarditis. 'Diabetes' includes patients with diabetes as the primary cause of ESRD.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 10: Summaries for All Dialysis Patients Treated as of December 31 of Each Year^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
10a Patients treated on 12/31 (n)	90	102	107	112	76.0	61.9	65.5
10b Average age (years)	55.7	57.1	57.1	58.0	61.2	61.2	61.3
10c Age (% of 10a; sums to 100%)							
< 18	0.0	0.0	0.0	0.0	0.6	0.5	0.4
18-64	70.0	66.7	62.6	65.2	55.0	55.1	56.1
65+	30.0	33.3	37.4	34.8	44.4	44.4	43.6
10d Female (% of 10a)	41.1	44.1	55.1	56.3	44.2	43.2	44.7
10e Race (% of 10a; sums to 100%) ^{*3}							
African American	21.1	18.6	18.7	23.2	12.0	9.3	37.3
Asian/Pacific Islander	21.1	20.6	23.4	27.7	13.9	10.1	5.2
Native American	3.3	2.0	3.7	0.9	2.5	3.9	1.4
White	54.4	57.8	53.3	48.2	70.9	76.2	55.0
Other/Unknown/Missing	0.0	1.0	0.9	0.0	0.6	0.6	1.0
10f Ethnicity (% of 10a; sums to 100%)							
Hispanic	10.0	10.8	10.3	9.8	9.6	9.5	16.3
Non-Hispanic	85.6	85.3	86.9	88.4	89.4	89.6	82.2
Unknown	4.4	3.9	2.8	1.8	1.0	0.9	1.5
10g Cause of ESRD (% of 10a; sums to 100%)							
Diabetes	37.8	41.2	40.2	41.1	45.0	43.5	44.3
Hypertension	18.9	21.6	20.6	18.8	17.6	17.8	28.4
Glomerulonephritis	20.0	19.6	22.4	23.2	15.3	15.8	11.3
Other/Unknown	21.1	15.7	14.0	14.3	20.9	21.8	14.7
Missing	2.2	2.0	2.8	2.7	1.1	1.0	1.3
10h Average duration of ESRD (years)	5.4	5.5	5.1	5.3	4.7	4.6	4.6
10i Years since start of ESRD (% of 10a; sums to 100%)							
< 1	18.9	18.6	15.9	17.0	17.8	17.0	16.7
1-2	15.6	15.7	22.4	17.0	18.7	19.4	18.1
2-3	12.2	9.8	11.2	14.3	16.0	16.1	14.5
3-6	22.2	23.5	24.3	25.0	24.3	24.6	26.4
6+	31.1	32.4	26.2	26.8	23.3	22.9	24.4
10j Nursing home patients (% of 10a) ^{*4}	4.4	9.8	10.3	7.1	7.9	7.0	7.8
10k Modality (% of 10a; sums to 100%)							
In-center hemodialysis	98.9	99.0	99.1	99.1	85.7	83.9	89.2
Home hemodialysis	0.0	0.0	0.0	0.0	3.3	2.8	1.6
Continuous ambulatory peritoneal dialysis	0.0	0.0	0.0	0.0	1.7	2.6	2.3
Continuous cycling peritoneal dialysis	1.1	0.0	0.0	0.0	8.5	10.0	6.2
Other modality ^{*5}	0.0	1.0	0.9	0.9	0.8	0.7	0.8

n/a = not applicable

[*1] See Guide, Section XIII.

[*2] Values are shown for the average facility.

[*3] 'Asian' includes Indian sub-continent. 'Native American' includes Alaskan Native. 'White' includes Middle Eastern and Arabian.

[*4] Includes patients who were also treated by a nursing facility at any time during the year. The source of nursing facility history of patients is the Nursing Home Minimum Dataset.

[*5] 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).

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 11: Comorbidities Reported on Medicare Claims for Medicare Dialysis Patients Treated as of December 31st of Each Year^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
11a Medicare dialysis patients on 12/31 (n)	64	87	85	90	61.0	48.6	51.7
11b Comorbidity (% yes of 11a)							
Infections							
AIDS/HIV positive	4.7	4.6	2.4	3.3	0.8	0.7	1.8
Dialysis access-related	12.5	16.1	21.2	17.8	16.4	16.5	17.2
Hepatitis B	3.1	5.7	4.7	5.6	1.3	1.0	3.0
Hepatitis other	7.8	10.3	9.4	13.3	5.8	5.4	6.8
Metastatic	3.1	5.7	1.2	5.6	5.4	4.7	4.5
Pneumonia	6.3	5.7	7.1	5.6	6.7	6.5	6.3
Tuberculosis	0.0	2.3	3.5	0.0	0.4	0.3	0.7
Other	45.3	37.9	37.6	51.1	43.5	41.3	46.7
Cardiovascular							
Cardiac arrest	1.6	0.0	2.4	1.1	1.8	1.5	1.6
Cardiac dysrhythmia	21.9	23.0	15.3	31.1	35.7	35.1	36.6
Cerebrovascular disease	21.9	19.5	24.7	17.8	23.5	21.1	26.9
Congestive heart failure	40.6	32.2	44.7	48.9	47.0	45.2	51.6
Ischemic heart disease	39.1	29.9	34.1	40.0	41.4	41.0	50.4
Myocardial infarction	9.4	6.9	5.9	11.1	7.3	7.3	8.6
Peripheral vascular disease ^{*3}	32.8	31.0	36.5	38.9	41.2	37.2	44.4
Other							
Alcohol dependence	4.7	1.1	0.0	2.2	3.1	3.3	2.9
Anemia	6.3	1.1	3.5	4.4	8.1	7.2	9.9
Cancer	7.8	6.9	4.7	6.7	10.3	9.7	11.0
Chronic obstructive pulmonary disease	18.8	12.6	16.5	20.0	28.8	28.1	31.6
Diabetes	50.0	50.6	52.9	60.0	61.4	60.1	64.9
Drug dependence	3.1	4.6	2.4	4.4	4.3	4.0	2.3
Gastrointestinal tract bleeding	0.0	1.1	4.7	3.3	3.6	3.3	3.5
Hyperparathyroidism	81.3	83.9	95.3	96.7	91.8	89.0	89.8
11c Average number of comorbid conditions	4.2	3.9	4.3	4.9	4.9	4.7	5.2

n/a = not applicable

[*1] Based on patients with Medicare as primary insurer on 12/31 each year. See *Guide, Section XIV*.

[*2] Values are shown for the average facility.

[*3] Peripheral vascular disease includes both venous, arterial and nonspecific peripheral vascular diseases.

TABLE 12: How Patients Were Assigned to This Facility and End of Year Patient Status^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
12a Number of patients placed in facility ^{*1} (n)	121	137	141	156	105.5	87.4	91.1
12b Initial patient placement for the year (% of 12a; sums to 100%)							
Continuing at facility on 01/01	52.9	65.7	72.3	68.6	69.7	68.7	70.1
Incident (new to ESRD)	12.4	21.9	15.6	17.3	19.2	18.8	18.5
Transferred into facility	34.7	12.4	12.1	14.1	11.1	12.5	11.4
12c Patient status at end of year (% of 12a; sums to 100%)							
Alive in this facility on 12/31	74.4	74.5	75.9	71.8	72.1	70.8	71.9
Alive in another facility on 12/31	5.0	10.2	7.8	10.3	7.9	9.3	8.3
Received a transplant	5.0	2.2	3.5	3.2	3.3	3.1	2.6
Died; death attributed to this facility	12.4	10.2	10.6	10.9	13.3	13.2	13.3
Died; death attributed to another facility	2.5	2.2	0.7	0.6	1.1	1.2	1.3
Other ^{*3}	0.8	0.7	1.4	3.2	2.3	2.4	2.5

[*1] Patient assignment for Tables 1,2,3,10, and 11 only. See *Guide, Section XV*.

[*2] Values are shown for the average facility.

[*3] Also includes dialysis unrelated deaths. Dialysis unrelated deaths are not attributed to any facility for the purposes of the mortality calculations in this report.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 13: Patient and Staff Counts from the Annual Facility Survey (Form CMS-2744) ^{*1}, 2008-2011

Measure Name	This Facility				Regional Averages ^{*2} , 2011		
	2008	2009	2010	2011	State	Network	U.S.
Patients Treated During the Year							
13a Patients treated during year (n)	151	156	173	197	122.6	101.2	103.3
13b Incident patients (% of 13a)	11.3	19.2	15.6	18.3	18.2	18.2	18.3
13c Transferred into facility (% of 13a)	41.1	17.3	20.2	17.8	16.1	15.6	13.4
13d Transferred out of facility (% of 13a)	17.9	21.8	17.3	18.8	15.5	15.4	14.0
Patients Treated on 12/31							
13e Patients treated on 12/31 (n)	96	107	120	134	84.1	68.8	71.4
13f Patient modality on 12/31 (n; sums to 13e)							
In-center HD	94	107	120	134	73.0	58.5	64.3
Frequency <= 4 times per week	93	107	120	134	72.9	58.5	64.4
Frequency > 4 times per week	1	0	0	0	0.0	0.0	0.2
In-center CAPD ^{*3}	0	0	0	0	0.0	0.0	0.0
In-center CCPD ^{*3}	1	0	0	0	0.1	0.0	0.0
In-center Other ^{*3}	0	0	0	0	0.0	0.0	0.0
Home HD	0	0	0	0	2.6	1.8	1.1
Frequency <= 4 times per week	0	0	0	0	0.3	0.2	0.7
Frequency > 4 times per week	0	0	0	0	2.3	1.5	0.4
Home CAPD	0	0	0	0	1.6	1.9	1.9
Home CCPD	1	0	0	0	6.8	6.5	4.2
Home Other ^{*3}	0	0	0	0	0.1	0.0	0.0
13g Vocational Rehabilitation: Patients aged 18-54 (n)	46	48	56	52	25.4	20.6	21.9
Employed (full or part-time) (% of 13g)	28.3	8.3	5.4	7.7	26.4	24.4	20.4
Attending School (full or part-time) (% of 13g)	4.3	4.2	0.0	0.0	3.5	3.8	3.1
13h Medicare eligibility status on 12/31 (% of 13e; sums to 100% ^{*4})							
Medicare	75.0	86.9	79.2	79.9	87.4	89.0	86.4
Medicare application pending	6.3	5.6	11.7	13.4	7.0	5.9	9.2
Non-Medicare	18.8	7.5	9.2	6.7	5.6	5.1	4.4
Facility Staffing on 12/31 ^{*5}							
13i Total full and part time staff positions (n)	24	21	27	32	20.1	16.1	14.2
13j Staff positions by type (n; sums to 13i)							
Full time nurse ^{*6}	6	4	4	6	5.4	4.8	4.8
Full time patient care technician	11	12	14	12	7.4	5.9	5.4
Full time renal dietitian	0	0	0	0	0.4	0.4	0.5
Full time social worker	0	1	1	1	0.5	0.4	0.5
Part time nurse ^{*6}	2	0	2	3	2.4	1.5	1.0
Part time patient care technician	2	2	4	8	2.2	1.5	0.8
Part time renal dietitian	2	2	2	2	0.9	0.8	0.6
Part time social worker	1	0	0	0	0.8	0.7	0.6

[*1] See *Guide, Section XVI* (Table 13).

[*2] Values are shown for the average facility.

[*3] Due to rounding, regional average may be slightly greater than 0 (<0.05).

[*3] Values may not sum to exactly 100% because of unknown Medicare status.

[*4] Data as of March 31, 2012. A *full time position* is defined as a position with at least 32 hours of employment a week, and a *part time position* is defined as a position with less than 32 hours of employment week (includes positions that were opened but not filled on this date).

[*5] Nursing staff includes registered nurse, licensed practical nurse, vocational nurse, or advanced, practice nurse degree.

2012 Dialysis Facility Report

NKC SEATAC KIDNEY CENTER State: WA Network: 16 CCN: 502509

TABLE 14: Survey and Certification Activity^{*1}

Measure Name	This Facility	Regional Averages		
		State	Network	U.S.
14a Date of last survey	02/17/2011	n/a	n/a	n/a
14b Type of last survey	Recertification	n/a	n/a	n/a
14c Compliance condition after last survey	Meets requirements	n/a	n/a	n/a
14d Number of deficiencies cited at last survey				
Condition for coverage (CfC) deficiencies	0	0.2	0.2	0.4
Standard deficiencies	5	10.7	6.6	7.1
14e CfC deficiencies cited at last survey ^{*2}				
V100 Compliance with Fed., State, and Local Laws	No, not cited	0.0	0.0	0.0
V110 Infection Control	No, not cited	2.8	2.4	5.2
V175 Water and Dialysate Quality	No, not cited	1.4	4.9	4.0
V300 Reuse of Hemodialysis and Bloodlines	No, not cited	0.0	0.6	0.4
V400 Physical Environment	No, not cited	5.6	3.7	2.7
V450 Patient Rights	No, not cited	0.0	0.0	0.4
V500 Patient Assessment.	No, not cited	1.4	0.6	4.1
V540 Patient Plan of Care	No, not cited	1.4	2.4	4.7
V580 Care at Home	No, not cited	0.0	0.0	0.6
V625 Quality Assessment & Performance improvement	No, not cited	1.4	3.0	4.5
V660 Special Purpose Renal Dialysis Facilities	No, not cited	0.0	0.0	0.0
V675 Laboratory Services	No, not cited	0.0	0.0	0.0
V680 Personnel Qualifications	No, not cited	0.0	0.6	0.8
V710 Responsibilities of the Medical Director	No, not cited	1.4	1.8	4.8
V725 Medical Records	No, not cited	0.0	0.0	0.5
V750 Governance	No, not cited	4.2	3.7	4.5

n/a = not applicable

[*1] See *Guide, Section XVII*. Data on this table are from the facility's latest survey since January 2009. If your facility has not been surveyed since January 2009, facility-level data on this table will be missing.

[*2] Regional values are the percentage of surveys that were cited for the respective CfC deficiency.

TABLE 15: Facility Information ^{*1}, 2012

Characteristic	This Facility
Ownership:	Nonprofit
Organization:	REGIONAL-NORTHWEST KIDNEY CENTERS
Initial Medicare certification date:	07/18/1988
Number of stations ^{*2} :	25
Services provided ^{*2} :	Hemodialysis and Peritoneal Dialysis
CMS Certification Number (CCN) included in this report:	502509
National Provider Identifier (NPI) ^{*3} :	1205921616

[*1] Information based on SIMS data as of March 31, 2012. See *Guide, Section XVIII*.

[*2] Information based on data available on DFC as of May 1, 2012.

[*3] Information based on CROWNWeb data as of March 2012. If missing, data were not available.