(for CMS Survey use in FY 2015)

### **Purpose of the Report**

The 2014 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 2015 survey and certification process.

This report has been prepared for this facility 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 Medicare claims and data collected for CMS. It is the nineteenth in a series of annual reports. This is one of 6,371 reports that have been distributed to ESRD providers in the U.S.

### This DFR includes data specific to CCN(s): 502511

**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 2010 and December 2013. 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 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 2014 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 your 2014 DFR. The UM-KECC ESRD database now includes the new web-based data collection system, CROWNWeb. It was rolled out nationally in May 2012 and replaces the functionality of SIMS. Authorized users may now securely submit, update, and verify data provided to Medicare about people who have ESRD on a monthly basis. Table 14 presents descriptive statistics on a portion of the CROWNWeb clinical data. In addition, the Influenza Vaccination table (Table 5) has been amended to include a fourth year of vaccination statistics to assess the percentage of patients vaccinated by December 31<sup>st</sup>, 2013.

Table 6 now includes a transfusion summary for adult Medicare dialysis patients treated in your facility and the Standardized Transfusion Ratio (STrR) that allows for national comparison of transfusion activity.

#### **How to Submit Comments**

**Between July 15, 2014 and August 15, 2014,** 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.

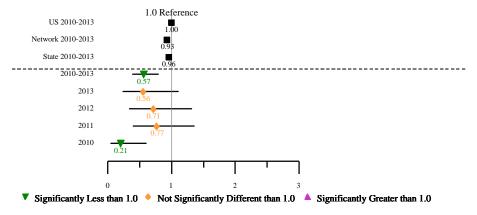
- (1) **State Surveyor:** Dialysis facilities may submit comments on the DFR for their state's surveyors. State surveyor(s) will receive a copy of their DFR with the comments they submitted in September 2014.
- (2) **UM-KECC:** Submit questions or suggestions to improve the DFR to UM-KECC. These comments will not be shared with CMS or your state surveyor.

### **Facility Highlights**

### **Standardized Mortality Ratio (SMR) (Table 1):**

• At this facility, the 2010-2013 SMR is 0.57, which is 43% fewer deaths than expected at this facility. Among all U.S. facilities, 5% of facilities had a four-year SMR lower than 0.57. This difference is statistically significant (p<0.05), so this lower mortality is unlikely to be due to random chance and probably represents a real difference from the expected mortality in the nation. The 2010-2013 SMR of observed to expected deaths is 0.96 and 0.93 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.

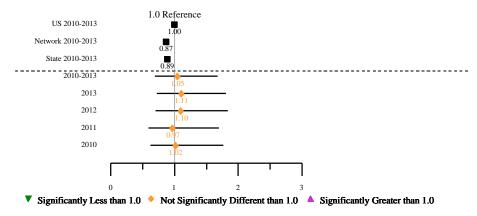


• At this facility, the 2010-2012 first-year SMR of observed to expected deaths is 0.29, which is 71% fewer deaths than expected at this facility. Among all U.S. facilities, 6% of facilities had a first-year SMR lower than 0.29. This difference is statistically significant (p<0.05), so this lower mortality is unlikely to be due to random chance and probably represents a real difference from the expected mortality in the nation. The first-year SMR (2010-2012) of observed to expected deaths is 0.86 and 0.84 for your State and Network, respectively.

#### **Standardized Hospitalization Ratio (SHR) (Table 2):**

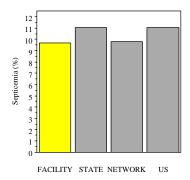
- The 2010-2013 SHR (ED) at this facility is 1.10, which is 10% more ED visits than expected. This difference is not statistically significant (p>=0.05), so this higher ED visit ratio could plausibly be just a chance occurrence. The 2010-2013 SHR (ED) for your State and Network is 0.97 and 0.95, respectively.
- The 2010-2013 SHR (Days) at this facility is 0.82, which is 18% fewer days hospitalized than expected. This difference is not statistically significant (p>=0.05), so this lower hospitalization could plausibly be just a chance occurrence. The 2010-2013 SHR (Days) for your State and Network is 0.69 and 0.68, respectively.
- The 2010-2013 SHR (Admissions) at this facility is 1.05, which is 5% more admissions hospitalized than expected. This difference is not statistically significant (p>=0.05), so this higher hospitalization could plausibly be just a chance occurrence. The 2010-2013 SHR (Admissions) for your State and Network is 0.89 and 0.87, respectively.

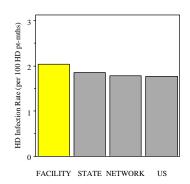
The markers show the values of the SHR (Admissions) for this facility, State, Network, and Nation. The bolded horizontal line shows the range of uncertainty due to random variation (95% confidence interval; significant if it does not cross the 1.0 reference line). Regional and national SHR (Admissions)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

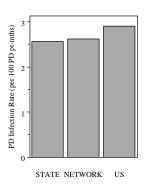


#### **Infection (Tables 2 and 8):**

- The percentage of Medicare dialysis patients at this facility hospitalized with septicemia during 2010-2013 was 9.7%, compared to 11.1% in your State, 9.8% in your Network, and 11.0% nationally.
- The rate of HD infection among HD patients at this facility in 2013 was 2.0 per 100 HD patient-months, compared to 1.9 in your State, 1.8 in your Network, and 1.8 nationally.
- The rate of PD catheter-related infection is unavailable. The rates of PD catheter-related infection are 2.6, 2.6, and 2.9 for your State, Network and U.S., respectively.







### **Transplantation (Table 3):**

- Of the patients under age 70 treated at this facility during 2010-2013 who had not previously received a transplant, 6% were transplanted annually, while a rate of 4% would be expected for these patients.
- The 2010-2013 Standardized 1<sup>st</sup> Transplantation Ratio (STR) of observed to expected number of patients transplanted for this facility is 1.53, which is 53% higher than expected for this facility. This difference is not statistically significant (p>=0.05) and could plausibly be due to random chance. The 2010-2013 STR for your State and Network is 1.40 and 1.30, respectively.

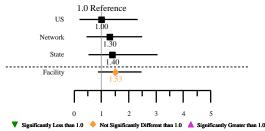
#### **Transplant Waitlist (Table 4):**

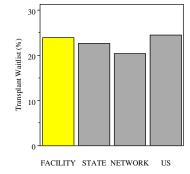
• Among the 71 dialysis patients under age 70 treated at this facility on December 31, 2013, 24% were on the kidney transplant waitlist compared to 25% nationally. This difference is not statistically significant (p>=0.05) and is plausibly due to random chance. The percentage of patients on the kidney transplant waitlist on December 31, 2013 in your State and Network is 23% and 20%, respectively.

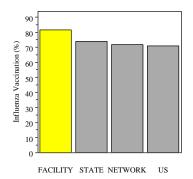
#### **Influenza Vaccination (Table 5):**

• Among the 71 Medicare dialysis patients treated at this facility on December 31, 2013, 82% were vaccinated between August 1 and December 31, 2013 compared to 71% nationally. This difference is statistically significant (p<0.05) and is unlikely to be due to random chance. The percentage of patients vaccinated in your State, Network, and nation is 74%, 72%, and 71%, respectively.

2010-2013 Standardized Transplantation Ratio (STR)
The markers show the values of the 2010-2013 STR 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 STR are plotted above the dotted line to allow for comparisons to facility values.





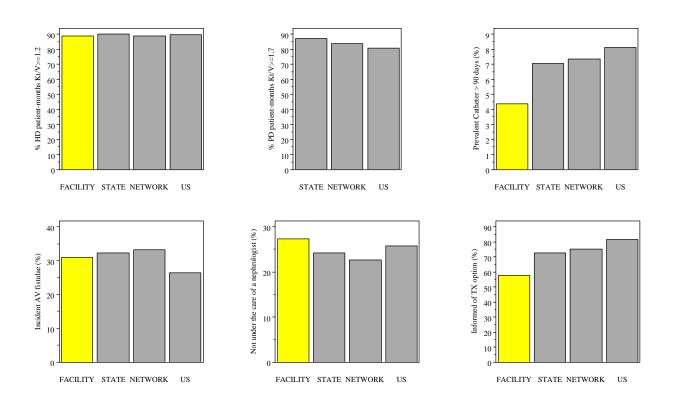


#### Practice Patterns (Tables 6 and 7):

- Among the 70 ESA-treated dialysis patients included in the analysis in 2013, the average hemoglobin calculated is 10.5 g/dL, compared to 10.5 g/dL in your State, 10.6 g/dL in your Network, and 10.5 g/dL nationally.
- Among the 77 HD patients in this facility included in the analysis in 2013, 100% had URR above the KDOQI minimum value for URR (65%), compared to 99% in your State, 99% in your Network, and 99% nationally.
- In 2013, 89% of eligible HD patient-months had a Kt/V >=1.2, compared to 90% in your State, 89% in your Network, and 90% nationally.
- In 2013, the percent of eligible PD patient-months that had a Kt/V >=1.7 is unavailable. The percent of patients with Kt/V>=1.7 in your State, Network, and US is 87%, 84%, and 81% respectively.
- At this facility in 2013, an average of 31% of incident patients had arteriovenous (AV) fistulae in place, compared to 32% in your State, 33% in your Network, and 26% nationally.
- Of the prevalent patients receiving hemodialysis treatment at this facility in 2013, 4% had a catheter which had been in place for at least 90 days as their only vascular access, compared to 7% in your State, 7% in your Network, and 8% nationally.

#### Patient Characteristics (Tables 9 and 10):

- Among the 33 patients with Medical Evidence Forms (CMS-2728) indicating treatment at this facility during 2013:
  - •27% of these patients were not under the care of a nephrologist before starting dialysis, compared to 24% in your State, 23% in your Network, and 26% nationally.
  - •58% of these patients were informed of their transplant options, compared to 72% in your State, 75% in your Network, and 82% nationally.
- Among the patients treated at this facility on December 31, 2013, 9% were treated in a nursing home during the year, compared to 15% nationally.



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

TABLE 1: Mortality Summary for All Dialysis Patients (2010-13) & New Dialysis Patients (2010-12)\*1

			7	This Facil	ity		Regional Averages *2, per Year, 2010-2013			
	Measure Name	2010	2011	2012	2013	2010-2013	State	Network	U.S.	
All	Patients: Death Rates									
1a	Patients (n=number)	121	124	135	131	511 *9	101.0	82.0	93.7	
1b	Patient-years (PY) at risk (n)	89.3	93.8	91.4	92.4	366.8*9	71.2	57.9	63.6	
1c	Deaths (n)	3	12	10	8	33 *9	13.2	10.6	11.5	
1d	Expected deaths (n)	14.5	15.5	14.0	14.3	58.3 *9	13.8	11.3	11.5	
All	Patients: Categories of Death									
1e	Withdrawal from dialysis prior to death (% of 1c)	66.7	33.3	30.0	12.5	30.3	40.4	41.9	25.7	
1f	Death due to: Infections (% of 1c)	66.7	16.7	0.0	25.0	18.2	14.7	14.8	13.8	
	Cardiac causes (% of 1c)	0.0	41.7	80.0	0.0	39.4	39.1	42.0	46.0	
1g	Dialysis unrelated deaths *3 (n; excluded from SMR)	0	0	1	0	1 *9	0.1	0.1	0.1	
All	Patients: Standardized Mortality Ratio (SMR)									
1h	SMR *5	0.21	0.77	0.71	0.56	0.57	0.96	0.93	1.00	
1i	P-value *6	< 0.01	0.455	0.352	0.105	< 0.01	n/a	n/a	n/a	
1j	Confidence interval for SMR *7									
	High (97.5% limit)	0.60	1.35	1.31	1.10	0.79	n/a	n/a	n/a	
	Low (2.5% limit)	0.04	0.40	0.34	0.24	0.39	n/a	n/a	n/a	
1k	SMR percentiles for this facility (i.e., percent of facilities	with lower m	ortality ra	tes) *8						
	In this State	6	27	25	15	7	n/a	n/a	n/a	
	In this Network	7	33	30	15	9	n/a	n/a	n/a	
	In the U.S.	4	27	23	12	5	n/a	n/a	n/a	
							Re	gional Avera	ages *2,	
Ne	ew Patients: First Year Death Rates	2010	2011	2012		2010-2012	per	- Year, 2010-	2012	
11	New patients (n=number)	26	14	30		70 *9	21.2	17.9	18.0	
1m	Patient-years (PY) at risk (n)	25.5	14.0	29.5		69.0 *9	18.7	15.8	15.6	
1n	Deaths (n)	2	0	1		3 *9	4.0	3.3	3.8	
1o	Expected deaths (n)	4.2	1.8	4.3		10.4 *9	4.6	4.0	3.8	
Ne	w Patients: Categories of Deaths									
1p	Withdrawal from dialysis prior to death (% of 1n)	50.0		0.0		33.3	43.7	44.0	27.9	
1q	Death due to: Infections (% of 1n)	0.0		0.0		0.0	13.0	13.6	12.8	
	Cardiac causes (% of 1r)	50.0		0.0		33.3	36.4	39.6	41.6	
Ne	w Patients: First Year Standardized Mortality Ra	tio (SMR)								
1r	SMR *5	0.47		0.23		0.29	0.86	0.84	1.00	
1s	P-value *6	0.409		0.138		0.015	n/a	n/a	n/a	
1t	Confidence interval for SMR *7									
	High (97.5% limit)	1.70		1.28		0.85	n/a	n/a	n/a	
	Low (2.5% limit)	0.06		0.01		0.06	n/a	n/a	n/a	
1u	First Year SMR percentiles for this facility (i.e., percent of	of facilities wi	th lower n	nortality ra	tes) *8					
	In this State	17		11	/ -	7	n/a	n/a	n/a	
	In this Network	19		17		9	n/a	n/a	n/a	
	In the U.S.	20	-	14		6	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] Not shown if fewer than 3 expected deaths.

[\*5] Calculated as ratio of deaths to expected deaths (1c to 1d for all patients, 1n to 1o for new patients).

[\*6] 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.

[\*7] The confidence interval range represents uncertainty in the value of the SMR due to random variation.

[\*8] All facilities are included in ranking, regardless of the number of expected deaths.

[\*9] Sum of 4 years (all patients) or 3 years (new patients) used for calculations; should not be compared to regional averages.

NKC ELLIOTT BAY KIDNEY CENTER State: WA Network: 16 CCN: 502511

TABLE 2: Hospitalization Summary for Medicare Dialysis Patients  $^{st_1}$  , 2010-2013

			Т	his Facili	ity		Regional Averages *2, per Year, 2010-2013			
	Measure Name	2010	2011	2012	2013	2010-2013	State	Network	U.S.	
Me	edicare Dialysis Patients									
2a	Medicare dialysis patients (n)	99	100	108	106	413 *3	81.7	65.1	73.7	
2b	Patient-years (PY) at risk (n)	69.8	75.0	70.2	72.9	287.9*3	54.1	42.4	46.1	
Da	ys Hospitalized Statistics									
2c	Total days hospitalized (n)	632	735	1004	783	3154 *3	517.0	392.4	625.7	
2d	Expected total days hospitalized (n)	932.6	1020.1	935.3	943.8	3831.8 *3	746.3	578.2	626.9	
2e	Standardized Hospitalization Ratio (Days)*4	0.68	0.72	1.07	0.83	0.82	0.69	0.68	1.00	
2f	P-value *5	0.394	0.427	0.753	0.636	0.584	n/a	n/a	n/a	
2g	Confidence interval for SHR (Days)*6									
	High (97.5% limit)	1.61	1.56	2.04	1.64	1.56	n/a	n/a	n/a	
	Low (2.5% limit)	0.30	0.35	0.60	0.44	0.45	n/a	n/a	n/a	
2h	Percentiles for this facility (i.e., % of facilities with lower hospitaliz	ation rates	[days]) *7							
	In this State	61	67	96	64	78	n/a	n/a	n/a	
	In this Network	58	68	92	71	78	n/a	n/a	n/a	
	In the U.S.	22	26	65	37	34	n/a	n/a	n/a	
Ad	Imission Statistics									
2i	Total admissions (n)	135	140	146	152	573 *3	93.1	70.6	88.1	
2j	Expected total admissions (n)	132.2	144.0	132.2	137.2	545.5 *3	105.0	81.6	88.2	
2k	Standardized Hospitalization Ratio (Admissions) *4	1.02	0.97	1.10	1.11	1.05	0.89	0.87	1.00	
21	P-value *5	0.860	0.998	0.615	0.586	0.746	n/a	n/a	n/a	
2m	Confidence interval for SHR (Admissions)*6									
	High (97.5% limit)	1.77	1.70	1.84	1.81	1.68	n/a	n/a	n/a	
	Low (2.5% limit)	0.62	0.59	0.70	0.72	0.69	n/a	n/a	n/a	
2n	Percentiles for this facility (i.e., % of facilities with lower hospitaliz	ation rates	[admission	ns])*7						
	In this State	75	69	80	85	80	n/a	n/a	n/a	
	In this Network	76	69	80	83	80	n/a	n/a	n/a	
	In the U.S.	57	51	67	67	61	n/a	n/a	n/a	
2o	Diagnoses associated with hospitalization (% of 2a)*8									
	Septicemia	8.1	12.0	9.3	9.4	9.7	11.1	9.8	11.0	
	Acute myocardial infarction	3.0	2.0	2.8	2.8	2.7	4.4	4.3	4.2	
	Congestive heart failure	14.1	17.0	23.1	17.0	17.9	21.7	20.3	23.3	
	Cardiac dysrhythmia	14.1	20.0	16.7	18.9	17.4	16.6	15.2	15.3	
	Cardiac arrest	0.0	0.0	0.0	0.0	0.0	1.9	1.7	1.8	
2p	One day admissions (% of 2i)	30.4	28.6	20.5	20.4	24.8	17.5	17.2	13.2	
2q	Average length of stay (days per admission; 2c/2i)	4.7	5.3	6.9	5.2	5.5	5.6	5.6	7.1	
2r	Readmissions within 30 days (n) *9	51	46	63	53	213 *3	26.7	19.1	27.1	
2s	Admissions that result in readmission within 30 days (% of 2i) *9	37.8	32.9	43.2	34.9	37.2	28.7	27.0	30.7	

TABLE 2 (cont.): Hospitalization Summary for Medicare Dialysis Patients \*1, 2010-2013

		This Facility						Regional Averages *2, per Year, 2010-2013		
	Measure Name	2010	2011	2012	2013	2010-2013	State	Network	U.S.	
En	nergency Department (ED) Statistics									
2t	Total ED visits (n)	190	224	250	275	939 *3	160.0	122.5	138.8	
2u	Expected total ED visits (n)	201	218	209	226	853 *3	165.0	128.8	139.2	
2v	Standardized Hospitalization Ratio (ED)*4	0.94	1.03	1.20	1.22	1.10	0.97	0.95	1.00	
2w	P-value *5	0.943	0.808	0.360	0.259	0.549	n/a	n/a	n/a	
2x	Confidence interval for SHR (ED)*6									
	High (97.5% limit)	1.67	1.74	1.97	1.87	1.70	n/a	n/a	n/a	
	Low (2.5% limit)	0.58	0.65	0.78	0.84	0.75	n/a	n/a	n/a	
2y	Percentiles for this facility (i.e., % of facilities with lower hos	pitalization rates	[ED])*7							
	In this State	51	65	84	88	80	n/a	n/a	n/a	
	In this Network	51	65	83	87	78	n/a	n/a	n/a	
	In the U.S.	45	58	78	80	68	n/a	n/a	n/a	
2z	Patients with ED visit (% of 2a)	55.6	66.0	63.9	64.2	62.5	62.7	61.9	61.2	
2aa	ED visits that result in hospitalization (% of 2t)	46.3	43.8	47.2	43.3	45.0	43.8	41.2	49.2	
2ab	Admissions that originate in the ED (% of 2i)	65.2	70.0	80.8	78.3	73.8	75.2	71.5	77.6	

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

[\*4] 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 less than 5 patient years at risk.

[\*5] 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.

[\*6] The confidence interval range represents uncertainty in the value of the Standardized Hospitalization Ratio (SHR) due to random variation.

[\*7] All facilities are included in ranking, regardless of the number of patient years at risk.

[\*8] Includes diagnoses present at admission and diagnoses added during the hospital stay.

[\*9] This value may be an underestimate since readmissions discharged after December 31, 2013 are not included.

TABLE 3: Transplantation Summary for Dialysis Patients under Age 70<sup>\*1</sup>, 2010-2013

				This Faci	ility		Regional Averages *2, per Year, 2010-2013			
	Measure Name	2010	2011	2012	2013	2010-2013	State	Network	U.S.	
3a	Eligible patients (n)	88	89	103	98	378 *10	68.8	56.2	64.4	
3b	Transplants (n)	3	3	7	4	17 *10	3.1	2.4	2.1	
3c	Donor type (sums to 3b *3)									
	Living donor (n)	0	0	2	1	3 *10	0.9	0.8	0.6	
	Deceased donor (n)	3	3	5	3	14 *10	2.3	1.7	1.5	
Pa	tients who have not Previously Received	a Transplant								
3d	Eligible patients (n)	81	83	96	95	355 *10	62.4	50.7	58.0	
3e	Patient years (PY) at risk (n)	57.4	61.1	64.3	64.8	247.6*10	44.0	35.9	39.9	
3f	First transplants *4 (n)	3	3	6	4	16 *10	2.8	2.1	1.8	
3g	Expected first transplants (n)	2.5	2.5	2.6	2.8	10.5 *10	2.0	1.6	1.8	
Sta	andardized 1st Transplantation Ratio (ST	<b>(R)</b> *5								
3h	STR *6					1.53	1.40	1.30	1.00	
3i	P-value*7					0.135	n/a	n/a	n/a	
3j	Confidence interval for STR *8									
	High (97.5% limit)					2.48	n/a	n/a	n/a	
	Low (2.5% limit)					0.87	n/a	n/a	n/a	
3k	STR percentiles for this facility (i.e., % of facil	ities with lower transpl	antation ra	ites) *9						
	In this State					62	n/a	n/a	n/a	
	In this Network					68	n/a	n/a	n/a	
	In the U.S.					75	n/a	n/a	n/a	

TABLE 4: Waitlist Summary for Dialysis Patients under Age 70 Treated on December 31st of Each Year \*1, 2010-2013

			This Fa	cility		Regiona	l Averages *2	, 2013
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
4a	Eligible patients on 12/31 (n)	69	70	76	71	54.6	46.1	47.6
4b	Patients on the waitlist (% of 4a)	29.0	21.4	23.7	23.9	22.7	20.4	24.5
4c	P-value (compared to U.S. value) *11	0.224	0.343	0.503	0.517	n/a	n/a	n/a
4d	Patients on the waitlist by subgroup (%) *12							
	Age < 40	55.6	50.0	42.9	10.0	37.9	30.9	36.7
	Age 40-69	25.0	18.8	21.7	26.2	20.2	18.7	22.9
	Male	22.0	21.4	20.8	22.7	22.4	20.6	25.6
	Female	39.3	21.4	30.4	25.9	23.1	20.2	23.1
	African American	23.5	9.1	18.4	23.7	23.3	20.8	22.8
	Asian/Pacific Islander	33.3	33.3	46.2	41.7	27.7	26.9	36.9
	Native American	0.0	0.0	0.0	0.0	13.5	16.4	19.2
	White, Hispanic	75.0	75.0	20.0	20.0	22.1	19.4	27.9
	White, non-Hispanic	31.3	23.1	22.2	13.3	21.9	19.9	23.3
	Other/unknown race	0.0	50.0			28.6	20.0	29.4
	Diabetes	32.0	22.2	20.0	36.8	16.3	14.7	19.9
	Non-diabetes	27.3	20.9	25.5	19.2	28.0	25.1	28.2
	Previous kidney transplant	33.3	25.0	66.7	50.0	42.2	36.6	45.1
	No previous kidney transplant	28.6	21.2	21.9	22.4	20.6	18.7	22.6
	< 2 years since start of ESRD	26.7	17.9	16.1	10.0	16.5	15.3	16.6
	2-4 years since start of ESRD	35.3	21.1	28.0	37.5	26.8	24.2	29.0
	5+ years since start of ESRD	27.3	26.1	30.0	29.4	25.9	23.0	28.8

n/a = not applicable [\*1] See *Guide, Sections 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 2010-2013, 3.8% of transplants in the U.S. were not included because the transplant occurred fewer than 90 days after the start of ESRD and 1.3% were not included because the patient was not assigned to a facility at time of transplant. [\*5] This section is calculated for the 4-year period only and not reported if there are fewer than 3 expected transplants. [\*6] Standardized 1st Transplantation Ratio calculated as ratio of actual (3f) to expected (3g) transplants. [\*7] 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. [\*8] The confidence interval range represents uncertainty in the value of the STR due to random variation. [\*9] All facilities are included in ranking, regardless of the number of expected transplants. [\*10] Sum of 4 years used for calculations; should not be compared to regional averages. [\*11] Facility waitlist percentage is compared to the U.S. waitlist percentage for that year: 24.4% (2010), 24.3% (2011), 24.4% (2012), 24.5% (2013). A p-value greater than 0.05 indicates that the difference between percent of patients wailisted at the facility and national percentage is plausibly due to random chance. [\*12] A missing value indicates that there were no eligible patients in the subgroup.

TABLE 5: Influenza Vaccination Summary for Medicare Dialysis Patients Treated on December 31st of Each Year \*1, Flu Seasons August 2010-December 2013

			This Fa	cility		Regional Averages			
	Measure Name	2010	2011	2012	2013	State	Network	U.S.	
							2013		
5a	Eligible patients on 12/31 (n)	74	70	74	71	56.8	46.4	48.5	
5b	Patients vaccinated between Aug. 1 and Dec. 31 (% of 5a)	74.3	88.6	79.7	81.7	73.8	71.6	71.0	
5c	P-value *3 (for 5b compared to U.S. value *4)	0.153	< 0.01	0.042	0.028	n/a	n/a	n/a	
							2012		
5d	Patients vaccinated between Aug 1 and Mar 31 of following year (% of 5a)	74.3	88.6	82.4	n/a	74.6	71.4	71.1	
5e	P-value *3 (for 5d compared to U.S. value *5)	0.178	< 0.01	0.018	n/a	n/a	n/a	n/a	
							2013		
5f	Patients vaccinated between Aug 1 and Dec 31 by subgroup (%) *6								
	Age < 18				•	50.0	50.0	51.	
	Age 18-39	100	100	50.0	66.7	69.9	68.9	67.8	
	Age 40-64	75.0	81.1	78.9	88.6	74.0	72.2	71.0	
	Age 65-74	58.8	95.0	81.8	78.9	73.1	70.5	70.9	
	Age 75+	82.4	100	83.3	72.7	75.7	73.2	72.3	
	Male	68.1	89.4	81.3	86.7	73.4	71.1	71.0	
	Female	85.2	87.0	76.9	73.1	74.2	72.4	71.1	
	African American	70.6	83.9	84.8	84.8	67.9	67.7	68.4	
	Asian/Pacific Islander	80.0	90.0	85.0	85.0	80.4	80.0	75.6	
	Native American		0.0	100	100	71.4	61.5	75.6	
	White	75.0	100	65.0	70.6	73.5	71.5	72.2	
	Other/unknown race	100	100			83.3	76.5	71.2	
	Hispanic	100	100	75.0	100	83.4	82.3	74.1	
	< 1 year since start of ESRD	46.7	66.7	60.0	50.0	61.2	59.5	57.8	
	1-2 years since start of ESRD	66.7	90.5	87.0	87.5	74.7	71.8	70.6	
	3+ years since start of ESRD	86.4	92.5	83.3	88.6	76.9	75.1	74.7	

TABLE 6: Facility Modality, Hemoglobin, and Dialysis Adequacy for Medicare Dialysis Patients\*1, 2010-2013

			This Fa	cility		Regional Averages *2, 2013			
	Measure Name	2010	2011	2012	2013	State	Network	U.S.	
Mo	odality (among all dialysis patients with ESRD for 90+ d	ays and 1+ cla	im at this	facility)					
6a	Patients treated during year (n)	156	155	176	141	99.1	77.2	74.8	
6b	Patient-months treated during year (n) *3	913	1008	957	928	729.8	561.2	562.5	
6c	Modality (% of 6b; sums to 100%)								
	Hemodialysis	99.9	100	100	100	83.9	84.4	90.9	
	CAPD/CCPD	0.0	0.0	0.0	0.0	8.3	10.9	8.0	
	Other dialysis *4	0.1	0.0	0.0	0.0	7.8	4.7	1.1	
6d	Percent of patient-months prescribed iron by modality *5								
	Hemodialysis	65.6	56.6	47.0	42.8	55.7	56.8	60.7	
	CAPD/CCPD					22.0	19.4	24.2	
He	emoglobin (among ESA-treated dialysis patients with ES	RD for 90+ da	ys and 4	+ hemogl	lobin clain	is at this fac	cility)		
6e	Eligible patients (n)	76	80	69	70	52.8	40.5	44.2	
6f	Average hemoglobin (g/dL)	11.5	11.0	10.5	10.5	10.5	10.6	10.5	
6g	Hemoglobin categories (% of 6e; sums to 100%)								
	< 10  g/dL	3.9	5.0	11.6	8.6	11.7	10.5	12.3	
	10-<11 g/dL	10.5	45.0	72.5	78.6	70.7	69.2	67.9	
	11-<12 g/dL	67.1	42.5	15.9	12.9	17.3	19.9	19.5	
	> 12  g/dL	18.4	7.5	0.0	0.0	0.3	0.3	0.3	

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 (8/1-12/31): 68.1% (2010), 69.2% (2011), 70.1% (2012), 71.0% (2013).

|\*5] Compared to the U.S. value for that year and time period (8/1-3/1): 68.7% (2010), 69.8% (2011), 71.1% (2012).

|\*6] A missing value indicates that there were no eligible patients in the subgroup.

TABLE 6 (cont.): Facility Modality, Hemoglobin, and Dialysis Adequacy for Medicare Dialysis Patients \*1, 2010-2013

			This Fac	cility		Regional Averages *2, 2013				
	Measure Name	2010	2011	2012	2013	State 1	Network	U.S.		
He	moglobin (among ESA-treated dialysis patients with ESRD	for 90+ da	ys and 4+	- hemogl	lobin clain	ns at this facil	ity) (cont.)			
6h	Eligible hemodialysis (HD) patients (n)*6	76	80	69	70	49.2	37.4	41.6		
6i	Hemoglobin categories among HD pts (% of 6h; sums to 100%)									
	< 10  g/dL	3.9	5.0	11.6	8.6	11.9	10.4	12.0		
	10-<11 g/dL	10.5	45.0	72.5	78.6	70.9	69.4	68.0		
	11-12 g/dL	67.1	42.5	15.9	12.9	16.9	19.9	19.0		
	> 12  g/dL	18.4	7.5	0.0	0.0	0.3	0.3	0.3		
6j	Eligible peritoneal dialysis (PD) patients (n) *6	0	0	0	0	4.4	4.0	3.2		
6k	Hemoglobin categories among PD pts (% of 6j; sums to 100%)									
	< 10  g/dL					18.1	20.2	23.6		
	10-<11 g/dL					59.3	58.6	57.0		
	11-12 g/dL					21.8	20.6	18.5		
	> 12 g/dL	•	•			0.8	0.7	0.9		
Sta	ndardized Transfusion Ratio (STrR)									
61	Adult Medicare patients (n)	89	72	79	91	72.7	61.9	62.5		
6m	Patient years (PY) at risk (n)	54	43	45	54	44.9	37.9	38.6		
6n	Total transfusions (n)	6	12	10	7	15.1	13.0	16.7		
60	Expected total transfusions (n)	22.7	19.3	21.6	24.7	19.8	16.6	16.9		
6р	Standardized Transfusion Ratio *11	0.26	0.62	0.46	0.28	0.76	0.78	1.00		
-1	Upper Confidence Limit (97.5%)	1.22	1.90	1.54	1.14	n/a	n/a	n/a		
	Lower Confidence Limit (2.5%)	0.07	0.23	0.16	0.08	n/a	n/a	n/a		
6q	P-value *12	0.091	0.442	0.225	0.077	n/a	n/a	n/a		
-	ea Reduction Ratio (URR; among HD patients with ESRD									
6r	Eligible patients (n)	73	88	82	77	50.7	39.2	43.3		
6s	URR 65+ (% of 6r; meets a KDOQI guideline)	100	97.7	96.3	100	98.7	98.6	98.7		
	ult Kt/V (K = dialyzer clearance of urea; t = dialysis time; V	= patient'								
6t	Eligible adult HD patients (n)	116	152	167	131	83.4	66.0	68.2		
6u	Eligible adult HD patient-months (n) *3	438	923	875	850	578.7	450.4	494.0		
6v	Adult HD: Average Kt/V*10	1.6	1.6	1.6	1.7	1.7	1.7	1.6		
6w	Kt/V categories among adult HD patients (% of 6u; sums to 100%)									
	<1.2	5.5	4.9	4.3	4.4	2.5	2.6	2.4		
	1.2-<1.4	11.9	14.7	11.2	6.6	9.9	10.5	13.2		
	1.4-<1.6	26.3	28.3	26.2	24.1	23.5	24.5	26.9		
	1.6-<1.8	24.9	24.4	23.4	28.1	25.8	26.1	25.9		
	>= 1.8	25.6	21.1	24.9	30.1	30.8	27.7	23.8		
	Missing/Out of range/Not performed/Expired	5.9	6.6	9.9	6.7	7.6	8.6	7.9		
6x	Adult HD: $Kt/V >= 1.2$ (% of 6u) *10	88.6	88.5	85.7	88.9	90.0	88.8	89.7		
6у	Eligible adult peritoneal dialysis (PD) patients (n)	0	0	0	0	8.4	8.2	5.9		
6z	Eligible adult PD patient-months (n) *3	0	0	0	0	62.0	62.1	45.0		
6aa	Adult PD: Average Kt/V *10					2.3	2.3	2.2		
6ab	Kt/V categories among adult PD patients (% of 6z; sums to 100%)									
	<1.7					5.6	6.2	7.9		
	1.7-<1.9			·		12.1	12.1	16.5		
	1.9-<2.2					27.4	25.0	25.2		
	2.2-<2.5					20.8	19.3	16.8		
	>=2.5					27.0	27.5	22.2		
	Missing/Out of range/Not performed/Expired				•	7.2	10.0	11.3		
6ac	Adult PD: Kt/V >=1.7 (% of 6z) *10	•	•	-	-	87.2	83.8	80.8		

n/a = not applicable

\*1| See Guide, Section IX. \*\*| Values are shown for the average facility. \*\*| 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. \*\*| 65| 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, less than 2% were excluded due to frequent dialysis in 2010-2013.

\*8| Claims identified as having 2 or fewer, or 4 or more adult dialysis sessions per week were excluded from the VLV 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.

\*11| Calculated as a ratio of observed transfusions to expected transfusions (6n to 60); not shown if there are fewer that 10 patient-years at risk for transfusions.

\*12| A p-value less than 0.05 indicates that the difference between the actual and expected transfusion 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.

 $\textbf{TABLE 7: Vascular Access Information}^{*1}, \textbf{CMS Fistula First (Jan. 2010 - Apr. 2012) and \textbf{CROWNWeb (May 2012 - Dec. Part Control of Con$ 2013)

			This Fa	cility		Regional Averages *2, 2013			
	Measure Name	2010	2011	2012	2013	State	Network	U.S.	
Va	scular Access								
7a	Prevalent hemodialysis patient-months *3	1151	1177	1145	1148	834.9	698.8	734.5	
7b	Vascular access type in use (% of 7a; sums to 100%)								
	Arteriovenous fistula	64.0	63.7	62.8	63.3	70.2	68.9	61.8	
	Arteriovenous graft	20.8	23.5	20.6	21.6	12.8	12.8	19.0	
	Catheter	15.2	12.7	16.6	15.1	16.8	18.2	19.1	
	Other/Missing	0.0	0.0	0.0	0.0	0.2	0.1	0.1	
7c	Arteriovenous fistulae in place (% of 7a) *4	72.5	70.0	66.8	65.0	72.9	72.5	65.2	
7d	Catheter only $>= 90$ days (% of 7a) *5	4.7	4.5	5.7	4.4	7.0	7.3	8.1	
Va	scular Access at First Treatment								
7e	Incident hemodialysis patients (n)	29	15	20	29	14.1	12.3	10.7	
7f	Vascular access type in use (% of 7e; sums to 100%)								
	Arteriovenous fistula	31.0	53.3	25.0	31.0	28.1	26.7	19.3	
	Arteriovenous graft	10.3	0.0	15.0	17.2	4.6	4.0	3.4	
	Catheter	58.6	46.7	60.0	51.7	67.3	69.2	77.2	
	Other/Missing	0.0	0.0	0.0	0.0	0.1	0.0	0.1	
7g	Arteriovenous fistulae in place (% of 7e) *4	58.6	60.0	30.0	31.0	32.3	33.3	26.3	

TABLE 8: Dialysis Access Type and Access-Related Infection Summary for Medicare Dialysis Patients \*1, 2010 - 2013

		:	This Fa	cility	-	Regiona	l Averages *2	, 2013
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
Va	scular Access *7							
8a	Eligible hemodialysis patient-months (n)	500	1045	1019	964	660.8	528.9	559.7
8b	Hemodialysis vascular access type (% of 8a)							
	Vascular catheter	6.8	11.9	15.0	14.4	14.4	15.5	16.6
	Arteriovenous graft	2.4	2.8	9.6	20.0	13.6	13.1	20.5
	Arteriovenous fistula only	57.0	53.8	62.6	65.5	71.9	71.3	62.8
	Other (>1) *8	33.8	31.6	12.8	0.1	0.0	0.1	0.1
8c	Vascular catheter reported >3 consecutive months	1.2	3.4	5.9	8.3	8.9	9.8	10.8
He	modialysis (HD)							
8d	Eligible HD patients (n)	105	110	126	115	85.7	68.4	72.6
8e	Eligible HD patient-months *3	893	952	952	933	657.1	516.6	566.2
8f	HD infection rate per 100 hemodialysis patient-months *9	3.36	14.39	5.57	2.04	1.86	1.79	1.77
8g	P-value *10 of 8f (compared to U.S. value) *11	0.304	< 0.01	< 0.01	0.302	n/a	n/a	n/a
Per	ritoneal Dialysis (PD)							
8h	Eligible PD patients (n)	0	0	0	0	9.5	9.3	6.9
8i	Eligible PD patient-months *3	0	0	0	0	67.2	68.3	50.5
8j	PD catheter infection rate per 100 PD patient-months *9					2.56	2.62	2.90
8k	P-value *10 of 8j (compared to U.S. value) *12					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 PD catheter infection code for PD patients is 996.68.

\*10] Ap-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 chance.

\*11] Compared to U.S. value for that year: 3.02 (2010), 2.58 (2011), 2.22 (2012), and 1.77 (2013).

\*20] Compared to U.S. value for that year: 3.27 (2010), 3.13 (2011), 3.09 (2012), and 2.90 (2013).

NKC ELLIOTT BAY KIDNEY CENTER State: WA Network: 16 CCN: 502511

TABLE 9: Characteristics of New Dialysis Patients \*1 , 2010-2013 (Form CMS-2728)

			This Fa	cility		Regiona	l Averages *2	, 2013
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
Pat	tient Characteristics							
9a	Total number of patients with forms (n)	26	14	30	33	20.5	18.2	17.
9b	Average age (years [0-95]) *3	58.2	56.1	55.1	60.5	62.7	62.7	63.
9c	Female (% of 9a)	26.9	42.9	36.7	36.4	42.1	41.5	42
9d	Race (% of 9a; sums to 100%)*4							
	African-American	42.3	28.6	36.7	36.4	9.4	5.9	26
	Asian/Pacific Islander	30.8	28.6	20.0	18.2	10.3	7.1	4
	Native American	0.0	7.1	0.0	3.0	1.4	3.3	0
	White	23.1	35.7	43.3	42.4	78.5	83.5	67
	Other/Unknown/Missing	3.8	0.0	0.0	0.0	0.3	0.2	0
9e	Hispanic (% of 9a)	3.8	7.1	16.7	9.1	7.2	7.3	14.
9f	Primary cause of ESRD (% of 9a; sums to 100%)							
	Diabetes	38.5	57.1	53.3	33.3	45.7	46.1	46
	Hypertension	26.9	14.3	6.7	27.3	20.6	19.8	30
	Primary glomerulonephritis	11.5	0.0	16.7	18.2	9.7	9.7	6
	Other/Missing	23.1	28.6	23.3	21.2	24.0	24.4	16
9g	Medical coverage (% of 9a; sums to 100%)							
- 0	Employer group only	15.4	21.4	3.3	6.1	11.2	12.2	12
	Medicare only	3.8	14.3	13.3	39.4	29.8	28.8	28
	Medicaid only	3.8	14.3	16.7	15.2	10.5	9.5	10
	Medicare and Medicaid only	34.6	14.3	33.3	12.1	11.2	10.8	14
	Medicare and other	11.5	7.1	13.3	3.0	19.9	22.4	20
	Other/Unknown	26.9	14.3	13.3	9.1	11.9	10.0	6
	None	3.8	14.3	6.7	15.2	5.6	6.3	7
9h	Body Mass Index *5							
<i>)</i> 11	Male	24.8	27.3	26.0	24.2	27.2	27.8	27
	Female	26.9	31.5	26.5	23.1	29.0	29.3	29
o:		20.9	31.5	20.5	23.1	27.0	27.5	
9i	Employment *6	20.0	44.4	14.2	10.5	26.4	24.9	21
	Six months prior to ESRD treatment  At first ESRD treatment	30.8 53.8	44.4 55.6	14.3 14.3	12.5 18.8	26.4 35.3	24.8 33.7	21.
		33.8	33.0	14.3	10.0	33.3	33.7	30.
9j	Primary modality (% of 9a; sums to 100%)							
	Hemodialysis	100	100	100	100	90.0	87.7	90
	CAPD/CCPD	0.0	0.0	0.0	0.0	10.0	12.3	9
	Other/Unknown/Missing	0.0	0.0	0.0	0.0	0.0	0.0	0
9k	Number of incident hemodialysis patients (n)	26	14	30	33	18.4	15.9	16.
91	Access used at first outpatient dialysis (% of 9k; sums to 100%)							
	Arteriovenous fistula	26.9	42.9	33.3	27.3	24.5	24.7	16
	Arteriovenous graft	7.7	0.0	13.3	9.1	3.7	3.2	2
	Catheter	65.4	57.1	53.3	63.6	71.7	71.9	80
	Other/Unknown/Missing	0.0	0.0	0.0	0.0	0.1	0.2	0
9m	Arteriovenous fistula placed (% of 9k)	61.5	50.0	63.3	60.6	46.1	45.6	35
Av	erage Lab Values Prior to Dialysis *3							
9n	Hemoglobin (g/dL [3-18])	9.7	9.8	8.8	9.0	9.4	9.6	9
90	Serum albumin (g/dL [0.8-6.0])	3.5	3.5	3.5	3.6	3.3	3.3	3.

TABLE 9 (cont.): Characteristics of New Dialysis Patients \*1, 2010-2013 (Form CMS-2728)

			This Fa		Regional Averages *2, 2013			
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
Av	erage Lab Values Prior to Dialysis *3							
9p	Serum creatinine (mg/dL [2-33])	8.1	7.3	8.5	7.6	6.6	6.3	6.4
9q	GFR (mL/min [0-60])	9.5	8.6	9.4	9.2	10.1	10.6	10.9
Ca	re Prior to ESRD Therapy							
9r	Received ESA prior to ESRD (% of 9a)	42.3	28.6	43.3	36.4	22.2	21.1	15.0
9s	Pre-ESRD nephrologist care (% of 9a; sums to 100%)							
	No	11.5	28.6	23.3	27.3	24.2	22.7	25.8
	Yes, < 6 months	26.9	21.4	23.3	15.2	16.5	15.9	13.5
	Yes, 6-12 months	19.2	7.1	16.7	12.1	15.8	17.9	18.7
	Yes, > 12 months	42.3	42.9	36.7	45.5	40.9	39.7	29.1
	Unknown/Missing	0.0	0.0	0.0	0.0	2.6	3.8	12.9
9t	Informed of transplant options (% of 9a)	76.9	64.3	56.7	57.6	72.4	75.2	81.7
9u	Patients not informed of transplant options (n)	6	5	13	14	5.2	4.1	2.7
9v	Reason not informed (% of 9u; may not sum to 100%)							
	Medically unfit	50.0	0.0	46.2	35.7	46.3	45.9	37.8
	Unsuitable due to age	0.0	0.0	0.0	0.0	12.2	16.5	26.
	Psychologically unfit	16.7	20.0	7.7	7.1	5.6	3.9	3.
	Patient declined information	0.0	0.0	0.0	7.1	1.3	1.5	1.3
	Patient has not been assessed	16.7	60.0	53.8	57.1	37.7	37.2	38.
Co	morbid Conditions							
9w	Pre-existing comorbidity (% yes of 9a)							
	Congestive heart failure	34.6	14.3	16.7	24.2	32.6	30.4	29.:
	Atherosclerotic heart disease *7	26.9	35.7	16.7	18.2	20.6	22.2	16.
	Other cardiac disorder *7	15.4	0.0	13.3	21.2	18.0	17.4	19.5
	CVD, CVA, TIA	3.8	7.1	13.3	6.1	9.0	9.0	8.
	Peripheral vascular disease	15.4	7.1	16.7	12.1	12.1	13.6	11.5
	History of hypertension	88.5	92.9	80.0	84.8	87.7	86.4	87.
	Diabetes *7	50.0	71.4	63.3	45.5	57.4	58.5	61.3
	Diabetes on insulin	34.6	35.7	50.0	33.3	43.0	42.4	40.4
	COPD	0.0	14.3	3.3	12.1	9.9	10.5	9.
	Current smoker	26.9	21.4	30.0	15.2	9.4	9.1	6.
	Cancer	3.8	0.0	6.7	9.1	8.6	8.2	7.
	Alcohol dependence	3.8	0.0	6.7	0.0	1.3	1.6	1.:
	Drug dependence	7.7	14.3	16.7	12.1	3.4	2.4	1.3
	Inability to ambulate	3.8	0.0	3.3	3.0	4.4	4.6	6.9
	Inability to transfer	0.0	0.0	0.0	0.0	1.7	1.6	3.8
9x	Average number of comorbid conditions	3.2	3.1	3.4	3.0	3.2	3.2	3.

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.

TABLE 10: Summaries for All Dialysis Patients Treated as of December 31st of Each Year\*1, 2010-2013

			This Facility			Regional Averages *2, 2013			
	Measure Name	2010	2011	2012	2013	State	Network	U.S.	
10a	Patients treated on 12/31 (n)	94	88	98	86	76.4	65.8	66.6	
10b	Average age (years)	60.9	61.0	59.9	59.4	61.3	61.3	61.6	
10c	Age (% of 10a; sums to 100%)								
	< 18	0.0	0.0	0.0	0.0	0.4	0.3	0.3	
	18-64	62.8	59.1	60.2	59.3	54.6	54.3	55.1	
	65+	37.2	40.9	39.8	40.7	45.0	45.4	44.6	
10d	Female (% of 10a)	39.4	39.8	32.7	40.7	44.2	43.5	44.2	
10e	Race (% of 10a; sums to 100%) *3								
	African American	42.6	40.9	44.9	45.3	12.1	8.7	36.7	
	Asian/Pacific Islander	23.4	30.7	25.5	25.6	13.5	9.7	5.4	
	Native American	3.2	3.4	2.0	1.2	1.8	3.6	1.3	
	White	28.7	22.7	27.6	27.9	72.2	77.7	55.8	
	Other/Unknown/Missing	2.1	2.3	0.0	0.0	0.3	0.3	0.7	
10f	Ethnicity (% of 10a; sums to 100%)								
	Hispanic	4.3	5.7	7.1	10.5	10.1	9.9	16.7	
	Non-Hispanic	93.6	90.9	89.8	86.0	88.9	89.3	81.6	
	Unknown	2.1	3.4	3.1	3.5	1.0	0.8	1.8	
10g	Cause of ESRD (% of 10a; sums to 100%)								
	Diabetes	38.3	39.8	39.8	29.1	44.8	43.9	44.5	
	Hypertension	24.5	25.0	21.4	27.9	18.4	18.2	28.9	
	Glomerulonephritis	16.0	9.1	12.2	12.8	14.7	15.3	10.8	
	Other/Unknown	19.1	22.7	23.5	29.1	21.0	21.6	14.0	
	Missing	2.1	3.4	3.1	1.2	1.1	1.1	1.7	
10h	Average duration of ESRD (years)	4.8	5.2	4.6	4.6	4.8	4.8	4.8	
10i	Years since start of ESRD (% of 10a; sums to 100%)								
	< 1	21.3	10.2	20.4	17.4	16.6	17.1	16.2	
	1-2	18.1	22.7	15.3	17.4	18.0	18.3	17.0	
	2-3	9.6	10.2	18.4	17.4	15.1	14.1	13.8	
	3-6	24.5	25.0	21.4	26.7	25.6	26.2	27.0	
	6+	26.6	31.8	24.5	20.9	24.7	24.3	26.0	
10j	Nursing home patients (% of 10a) *4	7.4	1.1	9.2	9.3	15.0	13.8	14.7	
10k	Modality (% of 10a; sums to 100%)								
	In-center hemodialysis	100	100	100	100	85.6	83.8	88.2	
	Home hemodialysis	0.0	0.0	0.0	0.0	3.5	2.8	1.9	
	Continuous ambulatory peritoneal dialysis	0.0	0.0	0.0	0.0	1.4	2.4	1.7	
	Continuous cycling peritoneal dialysis	0.0	0.0	0.0	0.0	9.2	10.5	7.8	
	Other modality *5	0.0	0.0	0.0	0.0	0.3	0.4	0.4	

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).

TABLE 11: Comorbidities Reported on Medicare Claims for Medicare Dialysis Patients Treated as of December 31st of Each Year \*1, 2010-2013

			This Fa	cility		Regional Averages *2, 2013			
	Measure Name	2010	2011	2012	2013	State	Network	U.S.	
11a	Medicare dialysis patients on 12/31 (n)	76	70	78	71	59.9	50.6	51.	
11b	Comorbidity (% yes of 11a)								
	Infections								
	AIDS/HIV positive	5.3	2.9	0.0	0.0	0.7	0.5	1.8	
	Dialysis access-related	14.5	22.9	19.2	5.6	14.4	14.5	14.6	
	Hepatitis B	1.3	0.0	0.0	1.4	1.0	0.9	2.9	
	Hepatitis other	13.2	14.3	11.5	15.5	6.2	5.4	6.3	
	Metastatic	3.9	2.9	5.1	2.8	4.6	4.2	4.0	
	Pneumonia	1.3	2.9	1.3	7.0	6.1	5.9	5.8	
	Tuberculosis	1.3	0.0	1.3	0.0	0.6	0.5	0.6	
	Other	31.6	25.7	37.2	31.0	40.8	40.4	45.3	
	Cardiovascular								
	Cardiac arrest	0.0	1.4	0.0	1.4	1.7	1.6	1.0	
	Cardiac dysrhythmia	47.4	34.3	37.2	39.4	34.7	34.7	36.8	
	Cerebrovascular disease	18.4	18.6	21.8	14.1	23.2	20.9	26.2	
	Congestive heart failure	35.5	41.4	52.6	46.5	46.0	45.6	51.0	
	Ischemic heart disease	39.5	34.3	37.2	35.2	41.1	42.0	49.2	
	Myocardial infarction	3.9	5.7	7.7	9.9	8.1	8.0	8.6	
	Peripheral vascular disease *3	44.7	32.9	44.9	40.8	37.9	36.3	42.9	
	Other								
	Alcohol dependence	5.3	2.9	12.8	9.9	3.6	3.4	2.9	
	Anemia	3.9	7.1	3.8	5.6	4.6	4.9	8.8	
	Cancer	13.2	8.6	5.1	5.6	10.2	10.3	10.7	
	Chronic obstructive pulmonary disease	14.5	20.0	30.8	18.3	30.2	30.5	31.8	
	Diabetes	47.4	55.7	59.0	43.7	60.1	59.2	64.9	
	Drug dependence	5.3	14.3	19.2	15.5	4.8	4.6	2.4	
	Gastrointestinal tract bleeding	2.6	1.4	7.7	1.4	2.8	2.8	3.2	
	Hyperparathyroidism	93.4	98.6	98.7	100	91.1	88.1	89.0	
11c	Average number of comorbid conditions	4.5	4.5	5.1	4.5	4.7	4.7	5.1	

TABLE 12: How Patients Were Assigned to This Facility and End of Year Patient Status\*1, 2010-2013

			This Facility				Regional Averages *2, 2013		
	Measure Name	2010	2011	2012	2013	State	Network	U.S.	
12a	Number of patients placed in facility *1 (n)	121	124	135	131	106.1	90.4	91.2	
12b	Initial patient placement for the year (% of 12a; sums to 100%)								
	Continuing at facility on 01/01	69.4	75.8	65.2	74.0	69.6	69.7	70.6	
	Incident (new to ESRD)	24.8	12.9	21.5	16.8	18.4	18.7	18.1	
	Transferred into facility	5.8	11.3	13.3	9.2	12.0	11.6	11.4	
12c	Patient status at end of year (% of 12a; sums to 100%)								
	Alive in this facility on 12/31	77.7	71.0	72.6	65.6	72.0	72.8	73.0	
	Alive in another facility on 12/31	14.0	15.3	12.6	16.0	9.1	8.5	8.4	
	Received a transplant	3.3	3.2	5.2	4.6	3.5	3.2	2.4	
	Died; death attributed to this facility	2.5	9.7	7.4	6.1	12.6	12.5	12.6	
	Died; death attributed to another facility	2.5	0.8	1.5	1.5	1.1	1.1	1.3	
	Other*3	0.0	0.0	0.7	6.1	1.7	2.0	2.2	

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 venous, arterial and nonspecific peripheral vascular diseases.

<sup>[\*1]</sup> Patient assignment for Tables 1, 2, 3, 10, 11 and 12 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.

TABLE 13: Patient and Staff Counts from the Annual Facility Survey (Form CMS-2744) \*1, 2010-2013

			This Fa	cility		Regiona	l Averages *2	, 2013
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
Pat	tients Treated During the Year							
13a	Patients treated during year (n)	139	136	152	162	121.7	104.9	105.1
13b	Incident patients (% of 13a)	19.4	11.0	20.4	21.0	16.3	16.8	16.7
13c	Transferred into facility (% of 13a)	10.8	14.7	14.5	15.4	17.6	17.2	16.1
13d	Transferred out of facility (% of 13a)	23.0	19.9	24.3	26.5	16.4	16.4	15.9
Pat	tients Treated on 12/31							
13e	Patients treated (n)	101	95	101	100	82.8	71.0	71.7
13f	Patient modality (n; sums to 13e)							
	In-center HD	101	95	101	100	71.1	59.9	63.5
	Frequency <= 4 times per week	101	95	101	100	71.1	59.8	63.5
	Frequency > 4 times per week	0	0	0	0	0.1	0.0	0.0
	In-center CAPD *3	0	0	0	0	0.0	0.0	0.0
	In-center CCPD*3	0	0	0	0	0.0	0.0	0.0
	In-center Other *3	0	0	0	0	0.0	0.0	0.0
	Home HD	0	0	0	0	2.7	1.9	1.3
	Frequency <= 4 times per week	0	0	0	0	0.3	0.3	0.5
	Frequency > 4 times per week	0	0	0	0	2.4	1.7	0.8
	Home CAPD	0	0	0	0	1.3	1.9	1.4
	Home CCPD	0	0	0	0	7.6	7.4	5.5
	Home Other *3	0	0	0	0	0.0	0.0	0.0
13g	Vocational rehabilitation: Patients aged 18-54 (n)	31	32	41	45	25.0	21.3	21.4
	Employed (full or part-time) (% of 13g)	32.3	31.3	19.5	13.3	24.3	23.3	13.1
	Attending school (full or part-time) (% of 13g)	9.7	0.0	4.9	6.7	3.3	3.5	1.0
13h	Medicare eligibility status (% of 13e; sums to 100% *4)							
	Medicare	81.2	80.0	78.2	80.0	86.3	88.4	83.1
	Medicare application pending	6.9	8.4	2.0	1.0	1.4	1.4	2.0
	Non-Medicare	11.9	11.6	19.8	19.0	12.3	10.2	14.9
Fac	cility Staffing on 12/31*5							
13i	Total full and part time staff positions (n)	23	22	21	21	19.1	16.3	14.5
13j	Staff positions by type (n; sums to 13i)							
	Full time nurse *6	9	7	5	6	4.9	4.8	5.0
	Full time patient care technician	11	10	9	6	7.1	6.3	5.6
	Full time renal dietician	1	0	0	0	0.5	0.5	0.6
	Full time social worker	1	0	0	0	0.5	0.5	0.6
	Part time nurse *6	1	3	3	3	2.3	1.4	0.9
	Part time patient care technician	0	0	2	4	2.4	1.4	0.7
	Part time renal dietician	0	1	1	1	0.7	0.7	0.6
	Part time social worker	0	1	1	1	0.7	0.7	0.5

<sup>[\*1]</sup> See Guide, Section XVI
[\*2] Values are shown for the average facility.
[\*3] Due to rounding, regional average may be slightly greater than 0 (<0.05).
[\*4] Values may not sum to exactly 100% because of unknown Medicare status.
[\*5] Data as of June 24, 2014. A full time position is defined as a position with at least 32 hours of employment per week, and a part time position is defined as a position with less than 32 hours of employment per week (includes positions that were opened but not filled on this date).
[\*6] Nursing staff includes registered nurse, licensed practical nurse, vocational nurse, or advanced practice nurse degree.

NKC ELLIOTT BAY KIDNEY CENTER State: WA Network: 16 CCN: 502511

TABLE 14: CROWNWeb Clinical Data  $^{*1}$ , May 2012-2013

			This Fa	cility		Regional Averages *2		
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
							2013	
14a	Eligible patients (n) *3			117	121	100.1	85.3	85.9
14b	Eligible patient-months (n) *4			702	1024	873.4	743.4	755.5
14c	Eligible HD patients (n) *5		•	117	121	89.8	74.8	79.3
14d	Eligible HD patient-months (n) *4		•	702	1024	781.1	646.7	696.8
14e	Eligible PD patients (n) *5		•	0	0	23.6	21.9	20.4
14f	Eligible PD patient-months (n) *4		•	0	0	182.9	171.4	160.0
He	modialysis Adequacy							
14g	Eligible HD Kt/V patients (n) *7			106	114	77.1	61.4	61.7
14h	Eligible HD Kt/V patient-months (n) *7			641	926	552.3	428.1	456.7
14i	Average Kt/V *6 (average of 14h) *7			1.7	1.7	1.7	1.7	1.6
14j	Kt/V categories (% of 14h; sums to 100%)*7							
	<1.2		•	4.8	4.0	2.4	2.4	2.2
	1.2-<1.8		•	63.7	63.0	62.3	63.4	67.6
	>=1.8		•	31.2	31.5	33.6	32.6	28.9
	Missing/Out of range		•	0.3	1.5	1.7	1.5	1.2
14k	Average normalized protein catabolic rate (nPCR) *6 (average of 14d)		•	1.0	1.1	1.0	1.0	0.9
141	nPCR Missing/Out of range (% of 14d)		•	8.1	4.7	28.0	29.1	32.7
Per	ritoneal Dialysis Adequacy *8							
14m	Average weekly Kt/V *6 (average of 14f)					2.3	2.3	2.3
14n	Weekly Kt/V categories (% of 14f; sums to 100%)							
	<1.7		ē		ė	3.3	3.7	4.8
	1.7-<2.5				•	40.4	45.2	48.9
	>=2.5		ē		ė	19.8	22.7	20.2
	Missing/Out of range					36.6	28.4	26.2
14o	Average normalized protein catabolic rate (nPCR) *6 (average of 14f)				•	0.9	0.9	0.9
14p	nPCR Missing/Out of range (% of 14f)					69.6	59.1	56.5
An	emia							
14q	Average hemoglobin *6 (average of 14b)		ē	11.0	10.9	10.8	10.9	10.8
14r	Hemoglobin categories (% of 14b; sums to 100%)							
	<10  g/dL		ē	20.2	23.7	19.1	17.2	18.3
	10-<11 g/dL			27.1	30.0	34.7	33.5	33.4
	11-12 g/dL			28.6	26.7	28.5	29.0	27.4
	>12 g/dL			17.5	16.2	12.1	13.3	11.2
	Missing/Out of range			6.6	3.4	5.6	7.0	9.7
14s	ESA prescribed (% of 14b)		_	91.3	95.2	69.5	59.9	64.8

TABLE 14 (cont.): CROWNWeb Clinical Data  $^{*1}$  , May 2012-2013

			This Fa	cility		Regio	onal Average	es *2
	Measure Name	2010	2011	2012	2013	State	Network	U.S.
Iro	n						2013	
14t	Average reticulocyte hemoglobin content (CHr)*6 (average of 14b)				•	33.1	33.4	30.7
14u	CHr categories (% of 14b; sums to 100%)							
	<29 pg			0.0	0.0	0.0	0.0	0.3
	>=29 pg			0.0	0.0	0.6	1.7	1.5
	Missing/Out of range			100	100	99.4	98.3	98.2
14v	Average transferrin saturation (TSAT)*6 (average of 14b)			32.8	30.7	31.2	31.5	32.3
14w	TSAT categories (% of 14b; sums to 100%)							
	<20%			6.8	9.4	10.4	10.8	10.3
	>=20%			35.2	31.1	50.3	56.7	64.2
	Missing/Out of range			58.0	59.6	39.4	32.5	25.5
14x	Average ferritin*6 (average of 14b)			1141	1153	889	861	854
14y	Ferritin categories (% of 14b; sums to 100%)							
	<200 ng/ml			0.4	0.8	2.1	2.6	2.4
	>=200 ng/ml			42.0	39.9	46.7	46.0	46.0
	Missing/Out of range			57.5	59.3	51.2	51.5	51.6
14z	Intravenous iron prescribed (% of 14b)			48.4	47.0	54.8	46.3	46.6
14aa	Oral iron prescribed (% of 14b)			3.1	4.0	2.2	2.0	1.2
Mi	neral Metabolism							
14ab	Average phosphorous *6 (average of 14b)			5.4	5.3	5.3	5.2	5.1
14ac	Phosphorous categories (% of 14b; sums to 100%)							
	<3.5 mg/dL			10.0	12.7	8.7	8.4	9.3
	3.5-4.5 mg/dL			23.2	24.4	25.0	24.9	25.2
	4.6-5.5 mg/dL			24.1	22.5	27.9	27.8	28.3
	5.6-7.0 mg/dL			20.2	22.3	20.2	19.5	17.4
	>7.0 mg/dL			15.7	14.7	12.0	11.3	9.5
	Missing/Out of range			6.8	3.4	6.2	8.0	10.4
14ad	Average calcium uncorrected *6 (average of 14b)			9.3	9.2	9.0	9.0	9.0
14ae	Calcium uncorrected categories (% of 14b; sums to 100%)							
	<8.4 mg/dL			10.8	12.7	14.6	13.9	14.2
	8.4-10.2 mg/dL			72.5	73.8	73.6	72.6	70.5
	>10.2 mg/dL			9.8	10.1	4.7	4.6	4.1
	Missing/Out of range			6.8	3.4	7.0	9.0	11.1

n/a = not applicable.

[\*1] See Guide, Section XVII.

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

[\*3] 14a includes those who switch between HD and PD during the month and patients for whom modality is unknown.

[\*4] Patients may be counted up to 12 times per year.

[\*5] Sum of eligible HD and PD patients may not add to 14a.

[\*6] Based on in-range values; see Guide for range values.

[\*7] KIV summaries are restricted to patients who dialyze thrice weekly and whose Kt/V calculation method is Daugirdas II or UKM.

[\*8] The PD Adequacy section uses the most recent value over a 4-month look-back period. Therefore, reporting for PD in this table begins with August 2012 which includes a look-back through May 2012.

**TABLE 15: Survey and Certification Activity**\*1

			Regional Averages			
	Measure Name	This Facility	State	Network	U.S.	
15a	Date of last survey	06/03/2010	n/a	n/a	n/a	
15b	Type of last survey	Recertification	n/a	n/a	n/a	
15c	Compliance condition after last survey	Acceptable plan of correction	n/a	n/a	n/a	
15d	Number of deficiencies cited at last survey					
	Condition for coverage (CfC) deficiencies	0	0.3	0.3	0.3	
	Standard deficiencies	4	10.2	6.2	6.3	
15e	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	2.5	2.1	5.5	
	V175 Water and Dialysate Quality	No, not cited	5.0	5.9	3.7	
	V300 Reuse of Hemodialysis and Bloodlines	No, not cited	0.0	0.0	0.5	
	V400 Physical Environment	No, not cited	2.5	1.1	2.5	
	V450 Patient Rights	No, not cited	0.0	0.0	0.4	
	V500 Patient Assessment	No, not cited	1.3	1.6	2.6	
	V540 Patient Plan of Care	No, not cited	1.3	2.7	3.1	
	V580 Care at Home	No, not cited	0.0	0.5	0.5	
	V625 Quality Assessment & Performance Improvement	No, not cited	2.5	3.7	4.4	
	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	1.1	0.7	
	V710 Responsibilities of the Medical Director	No, not cited	2.5	3.2	4.0	
	V725 Medical Records	No, not cited	0.0	0.0	0.3	
	V750 Governance	No, not cited	8.8	5.9	3.6	

TABLE 16: Facility Information \*1, 2014

Characteristic	This Facility
Ownership	Nonprofit
Organization	NORTHWEST KIDNEY CENTERS
Initial Medicare certification date	09/05/1991
Number of stations *2	18
Services provided *2	Hemodialysis
CMS Certification Number (CCN) included in this report	502511
National Provider Identifier (NPI) *3	1912091497

n/a = not applicable
[\*1] See *Guide, Section XVIII.* 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.

<sup>[\*1]</sup> Information based on SIMS data as of March 31, 2014. See Guide, Section XIX.
[\*2] Information based on data available on DFC as of May 2014.
[\*3] Information based on CROWNWeb data as of December 2013. If missing, data were not available.