

2023
King County 1
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 1	2017	2018	2019	2020	2021	2022	
98028	10	13	15	12	12	14	
98103	19	20	24	17	15	13	
98105	12	13	10	11	11	10	
98107	12	10	6	6	4	5	
98115	12	13	17	11	13	13	
98117	18	16	16	23	24	14	
98125	46	45	44	34	41	34	
98133	67	64	61	62	63	51	
98155	36	34	34	37	39	29	
98177	16	17	13	10	8	5	
98195	0	1	0	0	0	0	
TOTALS	248	246	240	223	230	188	
246-310-812(4)(a)	Rate of Change		-0.81%	-2.44%	-7.08%	3.14%	-18.26%
	6% Growth or Greater?		FALSE	FALSE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)		Year 1	Year 2	Year 3	Year 4	Year 5	
		2023	2024	2025	2026	2027	
Projected Resident Incenter Patients	from 246-310-812(4)(b)	187.60	175.00	162.40	149.80	137.20	
Station Need for Patients	Divide Resident Incenter by 4.8	39.08	36.46	33.83	31.21	28.58	
	Rounded to next whole number	40	37	34	32	29	
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total	61	61	61	61	61	
Results of (4)(c) above		40	37	34	32	29	
Net Station Need		21	24	27	29	32	
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
NKC - Lake City	20						
NKC - Scribner	22						
PSKC-Richmond Beach	19						
Seattle Children's Hosp	9	Note: These stations are not counted in the numeric methodology					
Total	61						
Source: Northwest Renal Network / Comagine ESRD Network 16 data 2017-2022							
Most recent year-end data: 2022 posted 02/15/23							

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x	y	Linear							
2018	246	251							
2019	240	238							
2020	223	225							
2021	230	213							
2022	188	200							
2023		187.60							
2024		175.00							
2025		162.40							
2026		149.80							
2027		137.20							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.87720254								
R Square	0.769484296								
Adjusted R Square	0.692645728								
Standard Error	12.59100208								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	1587.6	1587.6	10.01429773	0.050693495				
Residual	3	475.6	158.5333333						
Total	4	2063.2							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	25677.4	8042.883378	3.192561522	0.049613593	81.35550829	51273.44449	81.35551	51273.44	
X Variable 1	-12.6	3.981624459	-3.164537522	0.050693495	-25.27130605	0.071306049	-25.2713	0.071306	

