

2023
King County 6
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 6		2017	2018	2019	2020	2021	2022
	98011	11	7	12	16	12	9
	98033	13	15	17	16	16	13
	98034	27	30	29	24	23	19
	98052	19	21	22	21	22	16
	98053	2	4	5	5	4	2
	98072	5	6	4	5	8	7
	98077	0	1	2	4	3	5
	TOTALS	77	84	91	91	88	71
246-310-812(4)(a)	Rate of Change		9.09%	8.33%	0.00%	-3.30%	-19.32%
	6% Growth or Greater?		TRUE	TRUE	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)		76.30	73.40	70.50	67.60	64.70
Station Need for Patients	Divide Resident Incenter by 4.8		15.90	15.29	14.69	14.08	13.48
	Rounded to next whole number		16	16	15	15	14
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		26	26	26	26	26
Results of (4)(c) above			16	16	15	15	14
Net Station Need			10	10	11	11	12
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
NKC Kirkland Kidney Ce	26						
Total	26						
Source: Northwest Renal Network / Comagine ESRD Network 16 data 2017-2022							
Most recent year-end data: 2022 posted 02/15/2023							

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x	y	Linear							
2018	84	91							
2019	91	88							
2020	91	85							
2021	88	82							
2022	71	79							
2023		76.30							
2024		73.40							
2025		70.50							
2026		67.60							
2027		64.70							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.55001635								
R Square	0.302517986								
Adjusted R Square	0.070023981								
Standard Error	8.039485887								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	84.1	84.1	1.301186178	0.336812743				
Residual	3	193.9	64.63333333						
Total	4	278							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	5943	5135.464756	1.15724677	0.330945513	-10400.34084	22286.34084	-10400.3	22286.34	
X Variable 1	-2.9	2.542308662	-1.14069548	0.336812743	-10.99076081	5.190760809	-10.9908	5.190761	

