

2023
King County 3
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 3		2017	2018	2019	2020	2021	2022
	98070	6	3	0	0	0	2
	98106	32	29	36	33	32	34
	98116	9	10	13	10	14	14
	98126	23	21	16	18	19	15
	98136	6	5	7	8	6	5
	98146	37	42	43	42	40	40
	98168	51	61	65	71	71	70
	TOTALS	164	171	180	182	182	180
246-310-812(4)(a)	Rate of Change		4.27%	5.26%	1.11%	0.00%	-1.10%
	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)		185.00	187.00	189.00	191.00	193.00
Station Need for Patients	Divide Resident Incenter by 4.8		38.54	38.96	39.38	39.79	40.21
	Rounded to next whole number		39	39	40	40	41
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		34	34	34	34	34
Results of (4)(c) above			39	39	40	40	41
Net Station Need			-5	-5	-6	-6	-7
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
NKC - West Seattle	20						
DaVita Westwood	14						
Total	34						
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	171	175							
2019	180	177							
2020	182	179							
2021	182	181							
2022	180	183							
2023		185.00							
2024		187.00							
2025		189.00							
2026		191.00							
2027		193.00							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.690065559								
R Square	0.476190476								
Adjusted R Square	0.301587302								
Standard Error	3.829708431								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	40	40	2.727272727	0.197214562				
Residual	3	44	14.66666667						
Total	4	84							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-3861	2446.342086	-1.578274773	0.21261287	-11646.35233	3924.352332	-11646.4	3924.352	
X Variable 1	2	1.211060142	1.651445648	0.197214562	-1.854133873	5.854133873	-1.85413	5.854134	

