

2023
King County 10
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 10		2017	2018	2019	2020	2021	2022
	98030	44	45	48	58	63	66
	98031	50	50	52	57	57	59
	98032	58	63	61	51	46	64
	98038	8	8	10	13	20	17
	98042	46	46	53	59	46	38
	98051	1	2	4	2	1	2
TOTALS		207	214	228	240	233	246
246-310-812(4)(a)	Rate of Change		3.38%	6.54%	5.26%	-2.92%	5.58%
	6% Growth or Greater?		FALSE	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)		252.90	259.80	266.70	273.60	280.50
Station Need for Patients	Divide Resident Incenter by 4.8		52.69	54.13	55.56	57.00	58.44
	Rounded to next whole number		53	55	56	58	59
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			53	55	56	58	59
Net Station Need			8	6	5	3	2
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita Kent Community	23						
NKC Kent (New Facility)	11						
NKC Kent Kidney Cente	27						
Total	61						
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	214	218						
2019	228	225						
2020	240	232						
2021	233	239						
2022	246	246						
2023		252.90						
2024		259.80						
2025		266.70						
2026		273.60						
2027		280.50						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.890192905							
R Square	0.792443409							
Adjusted R Square	0.723257878							
Standard Error	6.447221624							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	476.1	476.1	11.45388933	0.042953022			
Residual	3	124.7	41.56666667					
Total	4	600.8						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-13705.8	4118.357801	-3.32797699	0.044786697	-26812.25257	-599.347431	-26812.3	-599.347
X Variable 1	6.9	2.038790491	3.384359516	0.042953022	0.411658734	13.38834127	0.411659	13.38834

