



2022
King County 10
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 10	2016	2017	2018	2019	2020	2021	
98030	45	44	45	48	58	63	
98031	46	50	50	52	57	57	
98032	56	58	63	61	51	46	
98038	8	8	8	10	13	20	
98042	40	46	46	53	59	46	
98051	0	1	2	4	2	1	
TOTALS	195	207	214	228	240	233	
246-310-812(4)(a)	Rate of Change		6.15%	3.38%	6.54%	5.26%	-2.92%
	6% Growth or Greater?		TRUE	FALSE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)			Year 1 2022	Year 2 2023	Year 3 2024	Year 4 2025	Year 5 2026
Projected Resident Incenter Patients	from 246-310-812(4)(b)		247.80	255.60	263.40	271.20	279.00
Station Need for Patients	Divide Resident Incenter by 4.8		51.63	53.25	54.87	56.50	58.13
	Rounded to next whole number		52	54	55	57	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			52	54	55	57	59
Net Station Need			9	7	6	4	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 2016-2021							
Most recent year-end data: 2021 posted 03/15/2022							



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x	y	Linear
2017	207	209
2018	214	217
2019	228	224
2020	240	232
2021	233	240
2022		247.80
2023		255.60
2024		263.40
2025		271.20
2026		279.00

Regression Statistics	
Multiple R	0.905997287
R Square	0.820831085
Adjusted R Square	0.761108113
Standard Error	6.653319973
Observations	5

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	608.4	608.4	13.7439759	0.034105468
Residual	3	132.8	44.26666667		
Total	4	741.2			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-15523.8	4247.905391	-3.654459921	0.035381791	-29042.53082	-2005.06918	-29042.5	-2005.07
X Variable 1	7.8	2.103964512	3.707286866	0.034105468	1.104245913	14.49575409	1.104246	14.49575

