



2022
King County 11
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 11	2016	2017	2018	2019	2020	2021	
98001	34	31	33	33	41	46	
98002	57	67	86	85	89	92	
98010	5	5	2	2	0	0	
98047	8	7	9	13	12	9	
98092	37	37	41	51	43	34	
TOTALS	141	147	171	184	185	181	
246-310-812(4)(a)	Rate of Change		4.26%	16.33%	7.60%	0.54%	-2.16%
	6% Growth or Greater?		FALSE	TRUE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)			Year 1	Year 2	Year 3	Year 4	Year 5
			2022	2023	2024	2025	2026
Projected Resident Incenter Patients	from 246-310-812(4)(b)		198.20	206.40	214.60	222.80	231.00
Station Need for Patients	Divide Resident Incenter by 4.8		41.29	43.00	44.71	46.42	48.12
	Rounded to next whole number		42	43	45	47	49
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		52	52	52	52	52
Results of (4)(c) above			42	43	45	47	49
Net Station Need			10	9	7	5	3
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
NKC Auburn	14						
NKC Federal Way East	16						
DaVita Auburn Valley	22						
Total	52						
Source: Northwest Renal Network / Comagine ESRD Network 16 data 2016-2021							
Most recent year-end data: 2021 posted 03/15/2022							

x	y	Linear							
2017	147	157							
2018	171	165							
2019	184	174							
2020	185	182							
2021	181	190							
2022		198.20							
2023		206.40							
2024		214.60							
2025		222.80							
2026		231.00							

Regression Statistics	
Multiple R	0.817063846
R Square	0.667593328
Adjusted R Square	0.556791104
Standard Error	10.56409012
Observations	5

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	672.4	672.4	6.025089606	0.091304404
Residual	3	334.8	111.6		
Total	4	1007.2			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-16382.2	6744.791404	-2.428866813	0.09342463	-37847.13648	5082.736483	-37847.1	5082.736
X Variable 1	8.2	3.340658618	2.454605794	0.091304404	-2.431466675	18.83146668	-2.43147	18.83147

