



2022
King County 4
ESRD Need Projection Methodology

	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	King 4	2016	2017	2018	2019	2020	2021
	98148	15	21	20	21	18	20
	98158	0	0	0	0	0	0
	98166	18	19	18	25	21	21
	98188	30	37	41	49	49	47
	98198	71	68	63	74	72	73
	TOTALS	134	145	142	169	160	161
246-310-812(4)(a)	Rate of Change		8.21%	-2.07%	19.01%	-5.33%	0.63%
	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)		170.40	175.40	180.40	185.40	190.40
Station Need for Patients	Divide Resident Incenter by 4.8		35.50	36.54	37.58	38.62	39.67
	Rounded to next whole number		36	37	38	39	40
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		43	43	43	43	43
Results of (4)(c) above			36	37	38	39	40
Net Station Need			7	6	5	4	3
Negative number indicates need for stations							
Planning Area Facilities							
	Name of Center	# of Stations					
	NKC - SeaTac	43					
	Total	43					
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	145	145							
2018	142	150							
2019	169	155							
2020	160	160							
2021	161	165							
2022		170.40							
2023		175.40							
2024		180.40							
2025		185.40							
2026		190.40							

Regression Statistics	
Multiple R	0.689934156
R Square	0.476009139
Adjusted R Square	0.301345519
Standard Error	9.577751998
Observations	5

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	250	250	2.725290698	0.197335661
Residual	3	275.2	91.73333333		
Total	4	525.2			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-9939.6	6115.050007	-1.625432333	0.202540813	-29400.4183	9521.218301	-29400.4	9521.218
X Variable 1	5	3.028751118	1.650845449	0.197335661	-4.638837804	14.6388378	-4.63884	14.63884

