



2022
King County 5
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 5		2016	2017	2018	2019	2020	2021
	98003	91	79	78	92	97	97
	98023	51	57	64	63	74	85
	TOTALS	142	136	142	155	171	182
246-310-812(4)(a)	Rate of Change		-4.23%	4.41%	9.15%	10.32%	6.43%
	6% Growth or Greater?		FALSE	FALSE	TRUE	TRUE	TRUE
	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)		193.50	205.60	217.70	229.80	241.90
Station Need for Patients	Divide Resident Incenter by 4.8		40.31	42.83	45.35	47.88	50.40
	Rounded to next whole number		41	43	46	48	51
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			41	43	46	48	51
Net Station Need			2	0	-3	-5	-8
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita Fed Way Comm	18						
DaVita Redondo Heights	18						
NKC Federal Way West	7						
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	136	133							
2018	142	145							
2019	155	157							
2020	171	169							
2021	182	181							
2022		193.50							
2023		205.60							
2024		217.70							
2025		229.80							
2026		241.90							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.991004618								
R Square	0.982090153								
Adjusted R Square	0.976120204								
Standard Error	2.983286778								
Observations	5								
ANOVA									
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
Regression	1	1464.1	1464.1	164.505618	0.001022766				
Residual	3	26.7	8.9						
Total	4	1490.8							
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>	
Intercept	-24272.7	1904.721258	-12.74343944	0.001042476	-30334.37313	-18211.0269	-30334.4	-18211	
X Variable 1	12.1	0.943398113	12.82597435	0.001022766	9.09768616	15.10231384	9.097686	15.10231	

