

2023
King County 5-Updated
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 5		2017	2018	2019	2020	2021	2022
	98003	79	78	92	97	97	103
	98023	57	64	63	74	85	89
	TOTALS	136	142	155	171	182	192
246-310-812(4)(a)	Rate of Change		4.41%	9.15%	10.32%	6.43%	5.49%
	6% Growth or Greater?		FALSE	TRUE	TRUE	TRUE	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)		201.85	217.06	232.26	247.47	262.68
Station Need for Patients	Divide Resident Incenter by 4.8		42.05	45.22	48.39	51.56	54.72
	Rounded to next whole number		43	46	49	52	55
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		44	44	44	44	44
Results of (4)(c) above			43	46	49	52	55
Net Station Need			1	-2	-5	-8	-11
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	8						
Total	44						
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	142	141							
2019	155	156							
2020	171	171							
2021	182	187							
2021	192	187							
2022		201.85							
2023		217.06							
2024		232.26							
2025		247.47							
2026		262.68							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.983586763								
R Square	0.967442921								
Adjusted R Square	0.956590561								
Standard Error	4.19967319								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	1572.288235	1572.288235	89.14585881	0.002517985				
Residual	3	52.91176471	17.6372549						
Total	4	1625.2							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-30544.44118	3252.890766	-9.389937558	0.002558756	-40896.59138	-20192.291	-40896.6	-20192.3	
X Variable 1	15.20588235	1.610501151	9.441708469	0.002517985	10.08054892	20.33121579	10.08055	20.33122	

