

2023
King County 11
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 11		2017	2018	2019	2020	2021	2022
	98001	31	33	33	41	46	47
	98002	67	86	85	89	92	94
	98010	5	2	2	0	0	0
	98047	7	9	13	12	9	9
	98092	37	41	51	43	34	35
TOTALS		147	171	184	185	181	185
246-310-812(4)(a)	Rate of Change		16.33%	7.60%	0.54%	-2.16%	2.21%
	6% Growth or Greater?		TRUE	TRUE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)			Year 1	Year 2	Year 3	Year 4	Year 5
			2023	2024	2025	2026	2027
Projected Resident Incenter Patients	from 246-310-812(4)(b)		188.70	191.20	193.70	196.20	198.70
Station Need for Patients	Divide Resident Incenter by 4.8		39.31	39.83	40.35	40.88	41.40
	Rounded to next whole number		40	40	41	41	42
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			40	40	41	41	42
Net Station Need			12	12	11	11	10
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 2017-2022							
Most recent year-end data: 2022 posted 02/15/2023							

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x	y	Linear							
2018	171	176							
2019	184	179							
2020	185	181							
2021	181	184							
2022	185	186							
2023		188.70							
2024		191.20							
2025		193.70							
2026		196.20							
2027		198.70							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.666252239								
R Square	0.443892045								
Adjusted R Square	0.258522727								
Standard Error	5.10881591								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	62.5	62.5	2.394636015	0.219495434				
Residual	3	78.3	26.1						
Total	4	140.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-4868.8	3263.410673	-1.491936041	0.232528437	-15254.42924	5516.829239	-15254.4	5516.829	
X Variable 1	2.5	1.615549442	1.547461151	0.219495434	-2.641399353	7.641399353	-2.6414	7.641399	

