

2023
King County 7
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King 7		2017	2018	2019	2020	2021	2022
	98004	6	8	9	15	8	11
	98005	6	6	3	1	1	2
	98006	10	11	15	13	14	14
	98007	15	15	16	12	14	12
	98008	8	9	10	12	12	13
	98039	1	0	0	0	0	0
	98040	4	4	4	7	8	7
	TOTALS	50	53	57	60	57	59
246-310-812(4)(a)	Rate of Change		6.00%	7.55%	5.26%	-5.00%	3.51%
	6% Growth or Greater?		TRUE	TRUE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)			Year 1 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027
Projected Resident Incenter Patients	from 246-310-812(4)(b)		60.80	62.00	63.20	64.40	65.60
Station Need for Patients	Divide Resident Incenter by 4.8		12.67	12.92	13.17	13.42	13.67
	Rounded to next whole number		13	13	14	14	14
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		29	29	29	29	29
Results of (4)(c) above			13	13	14	14	14
Net Station Need			16	16	15	15	15
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita Bellevue	11						
NKC - Bellevue Kidney	18						
Total	29						
Source: Northwest Renal Network / Comagine ESRD Network 16 data 2017-2022							
Most recent year-end data: 2022 posted 02/15/2023							

2023
King County 7
ESRD Need Projection Methodology

x	y	Linear							
2018	53	55							
2019	57	56							
2020	60	57							
2021	57	58							
2022	59	60							
2023		60.80							
2024		62.00							
2025		63.20							
2026		64.40							
2027		65.60							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.707106781								
R Square	0.5								
Adjusted R Square	0.333333333								
Standard Error	2.19089023								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	14.4	14.4	3	0.181690114				
Residual	3	14.4	4.8						
Total	4	28.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-2366.8	1399.497395	-1.691178567	0.189381526	-6820.625316	2087.025316	-6820.63	2087.025	
X Variable 1	1.2	0.692820323	1.732050808	0.181690114	-1.004863477	3.404863477	-1.00486	3.404863	

