

2023
Pierce County 2
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Pierce 2	2017	2018	2019	2020	2021	2022	
98304	0	0	0	0	0	0	
98321	7	10	11	13	9	9	
98323	0	0	0	0	0	0	
98328	5	7	6	6	6	7	
98330	0	0	0	1	1	0	
98338	25	33	31	27	37	34	
98360	7	8	14	12	14	14	
TOTALS	44	58	62	59	67	64	
246-310-812(4)(a)	Rate of Change		31.82%	6.90%	-4.84%	13.56%	-4.48%
	6% Growth or Greater?		TRUE	TRUE	FALSE	TRUE	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)		67.02	68.42	69.81	71.21	72.60
Station Need for Patients	Divide Resident Incenter by 4.8		13.96	14.25	14.54	14.84	15.13
	Rounded to next whole number		14	15	15	15	16
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		21	21	21	21	21
Results of (4)(c) above			14	15	15	15	16
Net Station Need			7	6	6	6	5
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita Graham	21						
Total	21						
Source: Northwest Renal Network / Comagine ESRD Network 16 data 2017-2022							
Most recent year-end data: 2022 posted 02/15/2023							

2023
Pierce County 2
ESRD Need Projection Methodology

x	y	Linear						
2017	58	59						
2018	62	60						
2019	59	61						
2021	67	64						
2022	64	66						
2023		67.02						
2024		68.42						
2025		69.81						
2026		71.21						
2027		72.60						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.787499231							
R Square	0.620155039							
Adjusted R Square	0.493540052							
Standard Error	2.614805787							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	33.48837209	33.48837209	4.897959184	0.113768688			
Residual	3	20.51162791	6.837209302					
Total	4	54						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-2755.767442	1273.203281	-2.164436334	0.119077431	-6807.668519	1296.133635	-6807.67	1296.134
X Variable 1	1.395348837	0.630485661	2.213133341	0.113768688	-0.611137925	3.4018356	-0.61114	3.401836
Source: Northwest Renal Network data 2017-2022								
Most recent year-end data: 2022 posted 02/15/2023								

