



2023
Pierce County 5
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Pierce 5		2017	2018	2019	2020	2021	2022
98303		1	1	0	0	0	0
98327		5	4	5	6	7	7
98387		61	74	92	95	90	98
98388		11	8	7	6	8	9
98430		0	0	0	0	0	0
98433		0	1	2	5	1	2
98438		0	0	0	0	0	1
98439		5	5	4	6	9	9
98444		80	75	81	87	78	68
98445		49	54	55	55	50	47
98446		12	15	12	11	10	15
98447		0	0	0	0	0	0
98467		12	10	13	18	19	20
98498		45	48	49	47	46	48
98499		75	71	65	67	67	70
98580		6	6	8	9	13	7
TOTALS		362	372	393	412	398	401
246-310-812(4)(a)	Rate of Change		2.76%	5.65%	4.83%	-3.40%	0.75%
	6% Growth or Greater?		FALSE	FALSE	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)		414.10	420.40	426.70	433.00	439.30
Station Need for Patients	Divide Resident Incenter by 4.8		86.27	87.58	88.90	90.21	91.52
	Rounded to next whole number		87	88	89	91	92
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		98	98	98	98	98
Results of (4)(c) above			87	88	89	91	92
Net Station Need			11	10	9	7	6
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita Lakewood Comm	26						
DaVita Parkland	21						
PSKC Lakewood	29						
DaVita Rainier View	22						
Total	98						
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	372	383							
2019	393	389							
2020	412	395							
2021	398	402							
2022	401	408							
2023		414.10							
2024		420.40							
2025		426.70							
2026		433.00							
2027		439.30							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.676676506								
R Square	0.457891094								
Adjusted R Square	0.277188125								
Standard Error	12.51532394								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	396.9	396.9	2.533943392	0.209660104				
Residual	3	469.9	156.6333333						
Total	4	866.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-12330.8	7994.541679	-1.542402366	0.220648821	-37772.99963	13111.39963	-37773	13111.4	
X Variable 1	6.3	3.957692931	1.591836484	0.209660104	-6.295145245	18.89514524	-6.29515	18.89515	

