

2023
Cowlitz County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Cowlitz	2017	2018	2019	2020	2021	2022	
Cowlitz County	121	126	139	134	131	125	
TOTALS	121	126	139	134	131	125	
246-310-812(4)(a)	Rate of Change		4.13%	10.32%	-3.60%	-2.24%	-4.58%
	6% Growth or Greater?		FALSE	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)	128.00	127.00	126.00	125.00	124.00	
Station Need for Patients	Divide Resident Incenter by 4.8	26.67	26.46	26.25	26.04	25.83	
	Rounded to next whole number	27	27	27	27	26	
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total	39	39	39	39	39	
Results of (4)(c) above		27	27	27	27	26	
Net Station Need		12	12	12	12	13	
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita Woodland	11						
FMC Cowlitz	24						
FKC Longview	4						
Total	39						
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	126	133							
2019	139	132							
2020	134	131							
2021	131	130							
2022	125	129							
2023		128.00							
2024		127.00							
2025		126.00							
2026		125.00							
2027		124.00							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.273179182								
R Square	0.074626866								
Adjusted R Square	-0.233830846								
Standard Error	6.429100507								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	10	10	0.241935484	0.65655338				
Residual	3	124	41.33333333						
Total	4	134							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	2151	4106.78239	0.523767708	0.636670558	-10918.61444	15220.61444	-10918.6	15220.61	
X Variable 1	-1	2.033060091	-0.491869377	0.65655338	-7.470104575	5.470104575	-7.4701	5.470105	

