

2023
Wahkiakum County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Wahkiakum		2017	2018	2019	2020	2021	2022
Wahkiakum County		4	4	4	3	2	2
TOTALS		4	4	4	3	2	2
246-310-812(4)(a)	Rate of Change		0.00%	0.00%	-25.00%	-33.33%	0.00%
	6% Growth or Greater?		FALSE	FALSE	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)		1.20	0.60	0.00	-0.60	-1.20
Station Need for Patients	Divide Resident Incenter by 3.2		0.38	0.19	0.00	-0.19	-0.38
	Rounded to next whole number		1	1	0	-1	-1
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		0	0	0	0	0
Results of (4)(c) above			1	1	0	-1	-1
Net Station Need			-1	-1	0	1	1
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
None	0						
Total	0						
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	4	4							
2019	4	4							
2020	3	3							
2021	2	2							
2022	2	2							
2023		1.20							
2024		0.60							
2025		0.00							
2026		-0.60							
2027		-1.20							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.948683298								
R Square	0.9								
Adjusted R Square	0.866666667								
Standard Error	0.365148372								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	3.6	3.6	27	0.013846833				
Residual	3	0.4	0.133333333						
Total	4	4							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	1215	233.2495659	5.20901291	0.013752715	472.6957807	1957.304219	472.6958	1957.304	
X Variable 1	-0.6	0.115470054	-5.196152423	0.013846833	-0.967477246	-0.23252275	-0.96748	-0.23252	

