

2023
Columbia County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Columbia		2017	2018	2019	2020	2021	2022
Columbia County		2	2	2	3	1	1
TOTALS		2	2	2	3	1	1
246-310-812(4)(a)	Rate of Change		0.00%	0.00%	50.00%	-66.67%	0.00%
	6% Growth or Greater?		FALSE	FALSE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
	Linear used						
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)		0.90	0.60	0.30	0.00	-0.30
Station Need for Patients	Divide Resident Incenter by 3.2		0.28	0.19	0.09	0.00	-0.09
	Rounded to next whole number		1	1	1	0	-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	1	0	-1
Net Station Need			-1	-1	-1	0	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	2	2							
2019	2	2							
2020	3	2							
2021	1	2							
2022	1	1							
2023		0.90							
2024		0.60							
2025		0.30							
2026		0.00							
2027		-0.30							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.56694671								
R Square	0.321428571								
Adjusted R Square	0.095238095								
Standard Error	0.795822426								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	0.9	0.9	1.421052632	0.318931792				
Residual	3	1.9	0.633333333						
Total	4	2.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	607.8	508.3556432	1.195619657	0.317735656	-1010.014539	2225.614539	-1010.01	2225.615	
X Variable 1	-0.3	0.251661148	-1.192079121	0.318931792	-1.10089809	0.50089809	-1.1009	0.500898	

