

2023
Lincoln County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Lincoln	2017	2018	2019	2020	2021	2022	
Lincoln County	9	7	6	5	3	0	
TOTALS	9	7	6	5	3	0	
246-310-812(4)(a)	Rate of Change		-22.22%	-14.29%	-16.67%	-40.00%	-100.00%
	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)	-0.90	-2.60	-4.30	-6.00	-7.70	
Station Need for Patients	Divide Resident Incenter by 3.2	-0.28	-0.81	-1.34	-1.88	-2.41	
	Rounded to next whole number	-1	-1	-2	-2	-3	
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	-2	-2	-3	
Net Station Need		1	1	2	2	3	
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	7	8							
2019	6	6							
2020	5	4							
2021	3	3							
2022	0	1							
2023		-0.90							
2024		-2.60							
2025		-4.30							
2026		-6.00							
2027		-7.70							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.9686649								
R Square	0.938311688								
Adjusted R Square	0.917748918								
Standard Error	0.795822426								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	28.9	28.9	45.63157895	0.006627177				
Residual	3	1.9	0.633333333						
Total	4	30.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	3438.2	508.3556432	6.763375298	0.006604123	1820.385461	5056.014539	1820.385	5056.015	
X Variable 1	-1.7	0.251661148	-6.755115021	0.006627177	-2.50089809	-0.89910191	-2.5009	-0.8991	

