

2023
Whitman County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Whitman	2017	2018	2019	2020	2021	2022	
Whitman County	13	13	3	6	4	4	
TOTALS	13	13	3	6	4	4	
246-310-812(4)(a)	Rate of Change		0.00%	-76.92%	100.00%	-33.33%	0.00%
	6% Growth or Greater?		FALSE	FALSE	TRUE	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)		0.90	-0.80	-2.50	-4.20	-5.90
Station Need for Patients	Divide Resident Incenter by 3.2		0.28	-0.25	-0.78	-1.31	-1.84
	Rounded to next whole number		1	-1	-1	-2	-2
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	-2	-2
Net Station Need			-1	1	1	2	2
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	13	9							
2019	3	8							
2020	6	6							
2021	4	4							
2022	4	3							
2023		0.90							
2024		-0.80							
2025		-2.50							
2026		-4.20							
2027		-5.90							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.661724103								
R Square	0.437878788								
Adjusted R Square	0.250505051								
Standard Error	3.516627172								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	28.9	28.9	2.336927224	0.223806462				
Residual	3	37.1	12.36666667						
Total	4	66							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	3440	2246.351963	1.531371778	0.223187081	-3708.894504	10588.8945	-3708.89	10588.89	
X Variable 1	-1.7	1.112055155	-1.528701156	0.223806462	-5.239055818	1.839055818	-5.23906	1.839056	

