

2023
Asotin County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Asotin		2017	2018	2019	2020	2021	2022
Asotin County		32	31	14	16	18	20
Nez Perce, Idaho		60	63	28	21	21	20
TOTALS		92	94	42	37	39	40
246-310-812(4)(a)	Rate of Change		2.17%	-55.32%	-11.90%	5.41%	2.56%
	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)		17.10	6.00	-5.10	-16.20	-27.30
Station Need for Patients	Divide Resident Incenter by 4.8		3.56	1.25	-1.06	-3.37	-5.69
	Rounded to next whole number		4	2	-2	-4	-6
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		13	13	13	13	13
Results of (4)(c) above			4	2	-2	-4	-6
Net Station Need			9	11	15	17	19
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
Tri-State Clarkston	13						
Total	13						
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	94	73							
2019	42	62							
2020	37	50							
2021	39	39							
2022	40	28							
2023		17.10							
2024		6.00							
2025		-5.10							
2026		-16.20							
2027		-27.30							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.71811951								
R Square	0.51569563								
Adjusted R Square	0.35426084								
Standard Error	19.63924642								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	1232.1	1232.1	3.194451646	0.171853195				
Residual	3	1157.1	385.7						
Total	4	2389.2							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	22472.4	12545.16262	1.791319944	0.171162181	-17451.90643	62396.70643	-17451.9	62396.71	
X Variable 1	-11.1	6.210475022	-1.787302897	0.171853195	-30.86450329	8.664503288	-30.8645	8.664503	

