

2023
Mason County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Mason	2017	2018	2019	2020	2021	2022	
Mason County	44	52	59	59	54	60	
TOTALS	44	52	59	59	54	60	
246-310-812(4)(a)	Rate of Change		18.18%	13.46%	0.00%	-8.47%	11.11%
	6% Growth or Greater?		TRUE	TRUE	FALSE	FALSE	TRUE
	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)	60.10	61.20	62.30	63.40	64.50	
Station Need for Patients	Divide Resident Incenter by 4.8	12.52	12.75	12.98	13.21	13.44	
	Rounded to next whole number	13	13	13	14	14	
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total	19	19	19	19	19	
Results of (4)(c) above		13	13	13	14	14	
Net Station Need		6	6	6	5	5	
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
FMC Shelton	12						
DaVita Mason County	7						
Total	19						
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	52	55							
2019	59	56							
2020	59	57							
2021	54	58							
2022	60	59							
2023		60.10							
2024		61.20							
2025		62.30							
2026		63.40							
2027		64.50							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.48804608								
R Square	0.238188976								
Adjusted R Square	-0.015748031								
Standard Error	3.591656999								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	12.1	12.1	0.937984496	0.404235269				
Residual	3	38.7	12.9						
Total	4	50.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-2165.2	2294.279534	-0.943738532	0.414926446	-9466.621426	5136.221426	-9466.62	5136.221	
X Variable 1	1.1	1.135781669	0.968495997	0.404235269	-2.514564177	4.714564177	-2.51456	4.714564	

