



2022
Mason County
ESRD Need Projection Methodology-Updated

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Mason	2016	2017	2018	2019	2020	2021	
Mason County	40	44	52	59	59	54	
TOTALS	40	44	52	59	59	54	
246-310-812(4)(a)	Rate of Change		10.00%	18.18%	13.46%	0.00%	-8.47%
	6% Growth or Greater?		TRUE	TRUE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)		Year 1 2022	Year 2 2023	Year 3 2024	Year 4 2025	Year 5 2026	
Projected Resident Incenter Patients	from 246-310-812(4)(b)	61.70	64.40	67.10	69.80	72.50	
Station Need for Patients	Divide Resident Incenter by 4.8	12.85	13.42	13.98	14.54	15.10	
	Rounded to next whole number	13	14	14	15	16	
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	14	14	15	16	
Net Station Need		6	5	5	4	3	
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 2016-2021							
Most recent year-end data: 2021 posted 03/15/2022							



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x	y	Linear							
2017	44	48							
2018	52	51							
2019	59	54							
2020	59	56							
2021	54	59							
2022		61.70							
2023		64.40							
2024		67.10							
2025		69.80							
2026		72.50							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.689817776								
R Square	0.475848564								
Adjusted R Square	0.301131419								
Standard Error	5.173651193								
Observations	5								
ANOVA									
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
Regression	1	72.9	72.9	2.723536737	0.197442933				
Residual	3	80.3	26.76666667						
Total	4	153.2							
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>	
Intercept	-5397.7	3303.190119	-1.63408699	0.200751004	-15909.92519	5114.52519	-15909.9	5114.525	
X Variable 1	2.7	1.636052159	1.650314133	0.197442933	-2.506648148	7.906648148	-2.50665	7.906648	

