



2022
Benton County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Benton	2016	2017	2018	2019	2020	2021	
Benton County	155	168	189	201	182	178	
TOTALS	155	168	189	201	182	178	
246-310-812(4)(a)	Rate of Change		8.39%	12.50%	6.35%	-9.45%	-2.20%
	6% Growth or Greater?		TRUE	TRUE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)		Year 1	Year 2	Year 3	Year 4	Year 5	
		2022	2023	2024	2025	2026	
Projected Resident Incenter Patients	from 246-310-812(4)(b)	187.50	188.80	190.10	191.40	192.70	
Station Need for Patients	Divide Resident Incenter by 4.8	39.06	39.33	39.60	39.87	40.15	
	Rounded to next whole number	40	40	40	40	41	
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total	50	50	50	50	50	
Results of (4)(c) above		40	40	40	40	41	
Net Station Need		10	10	10	10	9	
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
FMC Columbia Basin	17						
DaVita Kennewick	13						
DaVita Chinook	20						
Total	50						
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	168	181							
2018	189	182							
2019	201	184							
2020	182	185							
2021	178	186							
2022		187.50							
2023		188.80							
2024		190.10							
2025		191.40							
2026		192.70							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.166557198								
R Square	0.0277413								
Adjusted R Square	-0.296344933								
Standard Error	14.05109723								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	16.9	16.9	0.085598514	0.788917414				
Residual	3	592.3	197.4333333						
Total	4	609.2							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-2441.1	8971.119969	-0.272106494	0.803192871	-30991.2076	26109.0076	-30991.2	26109.01	
X Variable 1	1.3	4.443347087	0.292572238	0.788917414	-12.84071352	15.44071352	-12.8407	15.44071	

