

2023
Douglas County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Douglas		2017	2018	2019	2020	2021	2022
Douglas County		30	33	33	32	33	30
TOTALS		30	33	33	32	33	30
246-310-812(4)(a)	Rate of Change		10.00%	0.00%	-3.03%	3.13%	-9.09%
	6% Growth or Greater?		TRUE	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)		30.40	29.80	29.20	28.60	28.00
Station Need for Patients	Divide Resident Incenter by 3.2		9.50	9.31	9.13	8.94	8.75
	Rounded to next whole number		10	10	10	9	9
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			10	10	10	9	9
Net Station Need			3	3	3	4	4
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
DaVita East Wenatchee	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	33	33							
2019	33	33							
2020	32	32							
2021	33	32							
2022	30	31							
2023		30.40							
2024		29.80							
2025		29.20							
2026		28.60							
2027		28.00							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.727606875								
R Square	0.529411765								
Adjusted R Square	0.37254902								
Standard Error	1.032795559								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	3.6	3.6	3.375	0.163506374				
Residual	3	3.2	1.066666667						
Total	4	6.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	1244.2	659.7293991	1.885924747	0.15578019	-855.3533886	3343.753389	-855.353	3343.753	
X Variable 1	-0.6	0.326598632	-1.837117307	0.163506374	-1.639382611	0.439382611	-1.63938	0.439383	

