

2023
Chelan County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Chelan		2017	2018	2019	2020	2021	2022
Chelan County		68	77	80	81	78	79
TOTALS		68	77	80	81	78	79
246-310-812(4)(a)	Rate of Change		13.24%	3.90%	1.25%	-3.70%	1.28%
	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)		79.60	79.80	80.00	80.20	80.40
Station Need for Patients	Divide Resident Incenter by 4.8		16.58	16.63	16.67	16.71	16.75
	Rounded to next whole number		17	17	17	17	17
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		22	22	22	22	22
Results of (4)(c) above			17	17	17	17	17
Net Station Need			5	5	5	5	5
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
Wenatchee Valley Dialys	22						
Total	22						
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	77	79							
2019	80	79							
2020	81	79							
2021	78	79							
2022	79	79							
2023		79.60							
2024		79.80							
2025		80.00							
2026		80.20							
2027		80.40							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.2								
R Square	0.04								
Adjusted R Square	-0.28								
Standard Error	1.788854382								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	0.4	0.4	0.125	0.747060078				
Residual	3	9.6	3.2						
Total	4	10							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-325	1142.684838	-0.284417881	0.794592452	-3961.533142	3311.533142	-3961.53	3311.533	
X Variable 1	0.2	0.565685425	0.353553391	0.747060078	-1.600263491	2.000263491	-1.60026	2.000263	

