



2022
Chelan County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Chelan		2016	2017	2018	2019	2020	2021
Chelan County		54	68	77	80	81	78
TOTALS		54	68	77	80	81	78
246-310-812(4)(a)	Rate of Change		25.93%	13.24%	3.90%	1.25%	-3.70%
	6% Growth or Greater?		TRUE	TRUE	FALSE	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)		84.00	86.40	88.80	91.20	93.60
Station Need for Patients	Divide Resident Incenter by 4.8		17.50	18.00	18.50	19.00	19.50
	Rounded to next whole number		18	19	19	20	20
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			18	19	19	20	20
Net Station Need			4	3	3	2	2
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 2016-2021							
Most recent year-end data: 2021 posted 03/15/2022							



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x	y	Linear							
2017	68	72							
2018	77	74							
2019	80	77							
2020	81	79							
2021	78	82							
2022		84.00							
2023		86.40							
2024		88.80							
2025		91.20							
2026		93.60							

Regression Statistics	
Multiple R	0.734388074
R Square	0.539325843
Adjusted R Square	0.38576779
Standard Error	4.049691346
Observations	5

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	57.6	57.6	3.512195122	0.157614694
Residual	3	49.2	16.4		
Total	4	106.8			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4768.8	2585.582201	-1.844381508	0.162328761	-12997.27652	3459.676524	-12997.3	3459.677
X Variable 1	2.4	1.280624847	1.874085143	0.157614694	-1.675519814	6.475519814	-1.67552	6.47552

