

2023
Skagit County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Skagit		2017	2018	2019	2020	2021	2022
Skagit County		127	137	151	129	133	116
TOTALS		127	137	151	129	133	116
246-310-812(4)(a)	Rate of Change		7.87%	10.22%	-14.57%	3.10%	-12.78%
	6% Growth or Greater?		TRUE	TRUE	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)		115.20	109.20	103.20	97.20	91.20
Station Need for Patients	Divide Resident Incenter by 4.8		24.00	22.75	21.50	20.25	19.00
	Rounded to next whole number		25	23	22	21	20
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		39	39	39	39	39
Results of (4)(c) above			25	23	22	21	20
Net Station Need			14	16	17	18	19
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
FMC Skagit Valley	27						
PSKC-Anacortes	6						
DaVita Cascade	6						
Total	39						
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	137	145							
2019	151	139							
2020	129	133							
2021	133	127							
2022	116	121							
2023		115.20							
2024		109.20							
2025		103.20							
2026		97.20							
2027		91.20							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.747203222								
R Square	0.558312655								
Adjusted R Square	0.41108354								
Standard Error	9.743373817								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	360	360	3.792134831	0.146654602				
Residual	3	284.8	94.93333333						
Total	4	644.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	12253.2	6223.874703	1.968741433	0.143622828	-7553.947053	32060.34705	-7553.95	32060.35	
X Variable 1	-6	3.081125336	-1.947340451	0.146654602	-15.80551594	3.80551594	-15.8055	3.805516	

