

2023
Grays Harbor County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Grays Harbor		2017	2018	2019	2020	2021	2022
Grays Harbor County		83	79	88	83	75	72
TOTALS		83	79	88	83	75	72
246-310-812(4)(a)	Rate of Change		-4.82%	11.39%	-5.68%	-9.64%	-4.00%
	6% Growth or Greater?		FALSE	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)		71.30	68.60	65.90	63.20	60.50
Station Need for Patients	Divide Resident Incenter by 4.8		14.85	14.29	13.73	13.17	12.60
	Rounded to next whole number		15	15	14	14	13
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		19	19	19	19	19
Results of (4)(c) above			15	15	14	14	13
Net Station Need			4	4	5	5	6
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
FKC Aberdeen	19						
Total	19						
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	79	85						
2019	88	82						
2020	83	79						
2021	75	77						
2022	72	74						
2023		71.30						
2024		68.60						
2025		65.90						
2026		63.20						
2027		60.50						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.6724829							
R Square	0.452233251							
Adjusted R Square	0.269644334							
Standard Error	5.42524961							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	72.9	72.9	2.476783692	0.213601699			
Residual	3	88.3	29.43333333					
Total	4	161.2						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	5533.4	3465.542269	1.596690956	0.208614296	-5495.502191	16562.30219	-5495.5	16562.3
X Variable 1	-2.7	1.715614564	-1.573780065	0.213601699	-8.159851232	2.759851232	-8.15985	2.759851

