

2023
Island County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Island		2017	2018	2019	2020	2021	2022
Island County		54	60	63	58	51	37
Less 98282 to Sno #1		-12	-8	-8	-5	-4	-5
TOTALS		42	52	55	53	47	32
246-310-812(4)(a)	Rate of Change		23.81%	5.77%	-3.64%	-11.32%	-31.91%
	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)		33.40	28.60	23.80	19.00	14.20
Station Need for Patients	Divide Resident Incenter by 4.8		6.96	5.96	4.96	3.96	2.96
	Rounded to next whole number		7	6	5	4	3
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		15	15	15	15	15
Results of (4)(c) above			7	6	5	4	3
Net Station Need			8	9	10	11	12
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
PSKC Whidbey Island	9						
DaVita Whidbey	6						
Total	15						
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	52	57							
2019	55	53							
2020	53	48							
2021	47	43							
2022	32	38							
2023		33.40							
2024		28.60							
2025		23.80							
2026		19.00							
2027		14.20							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.815082733								
R Square	0.664359862								
Adjusted R Square	0.552479815								
Standard Error	6.228964601								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	230.4	230.4	5.93814433	0.092762237				
Residual	3	116.4	38.8						
Total	4	346.8							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	9743.8	3978.939527	2.44884345	0.09177392	-2918.961397	22406.5614	-2918.96	22406.56	
X Variable 1	-4.8	1.96977156	-2.436830796	0.092762237	-11.06869222	1.468692225	-11.0687	1.468692	

