

2023
Pierce County 3
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Pierce 3		2017	2018	2019	2020	2021	2022
	98329	10	9	7	3	5	4
	98332	11	12	12	6	9	12
	98333	3	2	2	1	2	1
	98335	15	13	14	17	19	16
	98349	2	6	5	5	3	3
	98351	1	1	1	1	2	1
	98394	2	1	1	1	0	0
	TOTALS	44	44	42	34	40	37
246-310-812(4)(a)	Rate of Change		0.00%	-4.55%	-19.05%	17.65%	-7.50%
	6% Growth or Greater?		FALSE	FALSE	FALSE	TRUE	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)		34.60	33.00	31.40	29.80	28.20
Station Need for Patients	Divide Resident Incenter by 4.8		7.21	6.88	6.54	6.21	5.87
	Rounded to next whole number		8	7	7	7	6
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		14	14	14	14	14
Results of (4)(c) above			8	7	7	7	6
Net Station Need			6	7	7	7	8
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
FKC Gig Harbor	14						
Total	14						
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	44	43							
2019	42	41							
2020	34	39							
2021	40	38							
2022	37	36							
2023		34.60							
2024		33.00							
2025		31.40							
2026		29.80							
2027		28.20							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.636445827								
R Square	0.405063291								
Adjusted R Square	0.206751055								
Standard Error	3.540244813								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	25.6	25.6	2.042553191	0.248288385				
Residual	3	37.6	12.53333333						
Total	4	63.2							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	3271.4	2261.438445	1.446601391	0.243799809	-3925.506424	10468.30642	-3925.51	10468.31	
X Variable 1	-1.6	1.119523708	-1.429179202	0.248288385	-5.162824089	1.962824089	-5.16282	1.962824	

