

**2023**  
**Lewis County**  
**ESRD Need Projection Methodology**

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Lewis	2017	2018	2019	2020	2021	2022	
<b>Lewis County</b>	63	73	71	77	71	80	
<b>TOTALS</b>	63	73	71	77	71	80	
<b>246-310-812(4)(a)</b>	<b>Rate of Change</b>		15.87%	-2.74%	8.45%	-7.79%	12.68%
	<b>6% Growth or Greater?</b>		TRUE	FALSE	TRUE	FALSE	TRUE
	<b>Regression Method:</b>	Linear					
<b>246-310-812(4)(c)</b>		Year 1 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027	
<b>Projected Resident Incenter Patients</b>	from 246-310-812(4)(b)	78.60	80.00	81.40	82.80	<b>84.20</b>	
<b>Station Need for Patients</b>	<b>Divide Resident Incenter by 4.8</b>	16.38	16.67	16.96	17.25	<b>17.54</b>	
	<b>Rounded to next whole number</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>18</b>	
<b>246-310-812(4)(d)</b>	subtract (4)(c) from approved stations						
<b>Existing CN Approved Stations</b>	Total	21	21	21	21	<b>21</b>	
<b>Results of (4)(c) above</b>		17	17	17	18	<b>18</b>	
<b>Net Station Need</b>		4	4	4	3	<b>3</b>	
Negative number indicates need for stations							
<b>Planning Area Facilities</b>							
<b>Name of Center</b>	<b># of Stations</b>						
FMC Chehalis	14						
DaVita Cooks Hill	7						
<b>Total</b>	<b>21</b>						
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	73	72							
2019	71	73							
2020	77	74							
2021	71	76							
2022	80	77							
2023		78.60							
2024		80.00							
2025		81.40							
2026		82.80							
2027		84.20							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.556890099								
R Square	0.310126582								
Adjusted R Square	0.080168776								
Standard Error	3.812260921								
Observations	5								
ANOVA									
	df	SS	MS	F	Significance F				
Regression	1	19.6	19.6	1.348623853	0.329523464				
Residual	3	43.6	14.53333333						
Total	4	63.2							
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%	
Intercept	-2753.6	2435.196961	-1.130750425	0.340388046	-10503.48357	4996.283572	-10503.5	4996.284	
X Variable 1	1.4	1.205542755	1.161302654	0.329523464	-2.436575085	5.236575085	-2.43658	5.236575	

