

**2023**  
**Thurston County**  
**ESRD Need Projection Methodology**

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Thurston	2017	2018	2019	2020	2021	2022	
Thurston County	222	241	229	232	245	242	
<b>TOTALS</b>	<b>222</b>	<b>241</b>	<b>229</b>	<b>232</b>	<b>245</b>	<b>242</b>	
<b>246-310-812(4)(a)</b>	Rate of Change		8.56%	-4.98%	1.31%	5.60%	-1.22%
	6% Growth or Greater?		TRUE	FALSE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
<b>246-310-812(4)(c)</b>		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)	243.20	245.00	246.80	248.60	250.40	
Station Need for Patients	Divide Resident Incenter by 4.8	50.67	51.04	51.42	51.79	52.17	
	Rounded to next whole number	51	52	52	52	53	
<b>246-310-812(4)(d)</b>	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total	61	61	61	61	61	
Results of (4)(c) above		51	52	52	52	53	
Net Station Need		10	9	9	9	8	
Negative number indicates need for stations							
<b>Planning Area Facilities</b>							
Name of Center	# of Stations						
FMC-Lacey	14						
DaVita Olympia	6						
FMC-North Thurston	12						
DaVita Lacey	19						
DaVita Tumwater	10						
Total	61						
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	241	234							
2019	229	236							
2020	232	238							
2021	245	240							
2022	242	241							
2023		243.20							
2024		245.00							
2025		246.80							
2026		248.60							
2027		250.40							
SUMMARY OUTPUT									
<i>Regression Statistics</i>									
Multiple R	0.412081692								
R Square	0.169811321								
Adjusted R Square	-0.106918239								
Standard Error	7.26636085								
Observations	5								
ANOVA									
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
Regression	1	32.4	32.4	0.613636364	0.49057397				
Residual	3	158.4	52.8						
Total	4	190.8							
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>	
Intercept	-3398.2	4641.607756	-0.732117012	0.517107023	-18169.86745	11373.46745	-18169.9	11373.47	
X Variable 1	1.8	2.297825059	0.783349452	0.49057397	-5.512704868	9.112704868	-5.5127	9.112705	

