



2022
Yakima County
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Yakima		2016	2017	2018	2019	2020	2021
Yakima County		291	313	321	330	324	323
TOTALS		291	313	321	330	324	323
246-310-812(4)(a)	Rate of Change		7.56%	2.56%	2.80%	-1.82%	-0.31%
	6% Growth or Greater?		TRUE	FALSE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
246-310-812(4)(c)			Year 1 2022	Year 2 2023	Year 3 2024	Year 4 2025	Year 5 2026
Projected Resident Incenter Patients	from 246-310-812(4)(b)		329.10	331.40	333.70	336.00	338.30
Station Need for Patients	Divide Resident Incenter by 4.8		68.56	69.04	69.52	70.00	70.48
	Rounded to next whole number		69	70	70	70	71
246-310-812(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations	Total		95	95	95	95	95
Results of (4)(c) above			69	70	70	70	71
Net Station Need			26	25	25	25	24
Negative number indicates need for stations							
Planning Area Facilities							
Name of Center	# of Stations						
Astria Yakima D C	26						
DaVita Mt. Adams	18						
DaVita Union Gap	13						
DaVita Wapato	6						
DaVita Yakima	23						
DaVita Zillah	9						
Total	95						
Source: Northwest Renal Network / Comagine ESRD Network 16 data 2016-2021							
Most recent year-end data: 2021 posted 03/15/2022							



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x	y	Linear
2017	313	318
2018	321	320
2019	330	322
2020	324	325
2021	323	327
2022		329.10
2023		331.40
2024		333.70
2025		336.00
2026		338.30

Regression Statistics	
Multiple R	0.592280133
R Square	0.350795756
Adjusted R Square	0.134394341
Standard Error	5.712559263
Observations	5

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	52.9	52.9	1.621041879	0.292648637
Residual	3	97.9	32.63333333		
Total	4	150.8			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4321.5	3647.26353	-1.184860914	0.321384582	-15928.72035	7285.720345	-15928.7	7285.72
X Variable 1	2.3	1.806469854	1.273201429	0.292648637	-3.448993312	8.048993312	-3.44899	8.048993

