2016
Spokane County 1
ESRD Need Projection Methodology

Planning Area	6 Year Utilization Data - Resident Incenter Patients					
Spokane (1)	2010	2011	2012	2013	2014	2015
99001	5	4	6	6	8	3
99004	10	8	8	7	6	9
99011	0	0	0	1	0	0
99012	0	0	0	0	0	0
99016	6	5	5	5	10	11
99018	0	0	1	0	0	0
99019	2	4	4	5	4	7
99022	11	8	5	6	4	3
99023	0	0	0	0	0	0
99030	0	0	0	1	1	0
99031	0	0	0	0	0	0
99036	1	1	0	0	1	2
99037	6	5	5	5	5	6
99201	18	20	16	17	16	20
99202	25	27	24	29	27	28
99203	10	6	5	4	9	11
99204	14	13	13	9	8	8
99206	46	47	42	48	48	49
99212	17	17	23	19	22	16
99216	29	26	25	19	21	25
99223	22	22	22	22	28	24
99224	6	7	6	6	8	16
TOTALS	228	220	210	209	226	238

246-310-284(4)(a)	**Rate of Change**		**-3.51%**	**-4.55%**	**-0.48%**	**8.13%**	**5.31%**
	6% Growth or Greater?		**FALSE**	**FALSE**	**FALSE**	**TRUE**	**FALSE**
	Regression Method:	**Linear**					

246-310-284(4)(c)				Year 1	Year 2	Year 3	**Year 4**
				2016	2017	2018	**2019**
Projected Resident Incenter Patients	from 246-310-284(4)(b)			236.20	241.40	246.60	**251.80**
Station Need for Patients	**Divide Resident Incenter Patients by 4.8**			49.2083	50.2917	51.3750	**52.4583**
	Rounded to next whole number			**50**	**51**	**52**	**53**

246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				69	69	69	**69**
Results of (4)(c) above			**-**	50	51	52	**53**
Net Station Need				19	18	17	**16**
Negative number indicates need for stations							

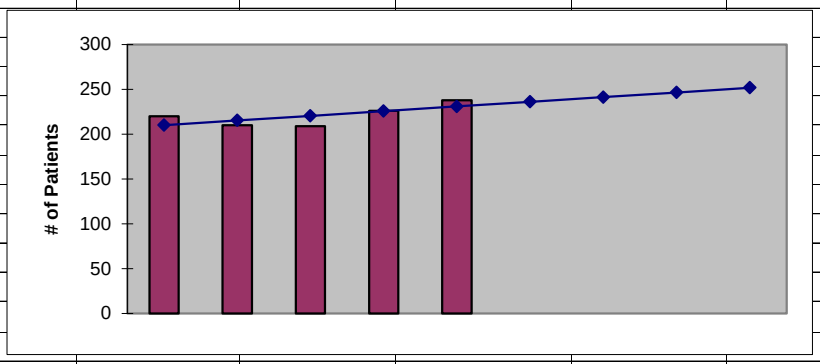
Planning Area Facilities

Name of Center	**# of Stations**
DaVita Downtown Spok	**12**
DaVita North Spokane V	**10**
FMC Spokane	**27**
FMC North Pines	**20**
Total	**69**

Source: Northwest Renal Network data 2010-2015
Most recent year-end data: 2015 posted 02/05/2016

2016
Spokane County 1
ESRD Need Projection Methodology

x	y	Linear
2011	220	**210**
2012	210	**215**
2013	209	**221**
2014	226	**226**
2015	238	**231**
2016		**236.20**
2017		**241.40**
2018		**246.60**
2019		**251.80**



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.683264831
R Square	0.466850829
Adjusted R Square	0.289134438
Standard Error	10.1456066
Observations	5

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	270.4	270.4	2.626943005	0.203509353
Residual	3	308.8	102.9333333		
Total	4	579.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-10247	6458.354808	-1.586626982	0.210788914	-30800.3674	10306.3674	-30800.3674	10306.3674
X Variable 1	5.2	3.208322511	1.620784688	0.203509353	-5.010314121	15.41031412	-5.010314121	15.41031412

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	212.8	-13.8
2	213	15
3	213.2	6.8
4	213.4	-3.4
5	213.6	-4.6