2016
Snohomish County 1
ESRD Need Projection Methodology

Planning Area	6 Year Utilization Data - Resident Incenter Patients					
Snohomish One (1)	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**
98223	**29**	**35**	**31**	**26**	**22**	**34**
98241	**1**	**2**	**2**	**0**	**1**	**0**
98252	**7**	**7**	**5**	**4**	**7**	**7**
98271	**22**	**32**	**27**	**24**	**28**	**31**
98282	**9**	**8**	**4**	**5**	**8**	**10**
98292	**15**	**21**	**21**	**17**	**20**	**20**
TOTALS	**83**	**105**	**90**	**76**	**86**	**102**

246-310-284(4)(a)	**Rate of Change**		**26.51%**	**-14.29%**	**-15.56%**	**13.16%**	**18.60%**
	6% Growth or Greater?		**TRUE**	**FALSE**	**FALSE**	**TRUE**	**TRUE**
	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)			88.80	87.80	86.80	**85.80**
Station Need for Patients	**Divide Resident Incenter Patients by 4.8**			18.5000	18.2917	18.0833	**17.8750**
	Rounded to next whole number			**19**	**19**	**19**	**18**
246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				28	28	28	**28**
Results of (4)(c) above			-	19	19	19	**18**
Net Station Need				9	9	9	**10**
Negative number indicates need for stations							

Planning Area Facilities

Name of Center	**# of Stations**
PSKC Smokey Point	**28**
Total	**28**

Source: Northwest Renal Network data 2010-2015

Most recent year-end data: 2015 posted 02/05/2016

Prepared by CN Program Staff - March 2016

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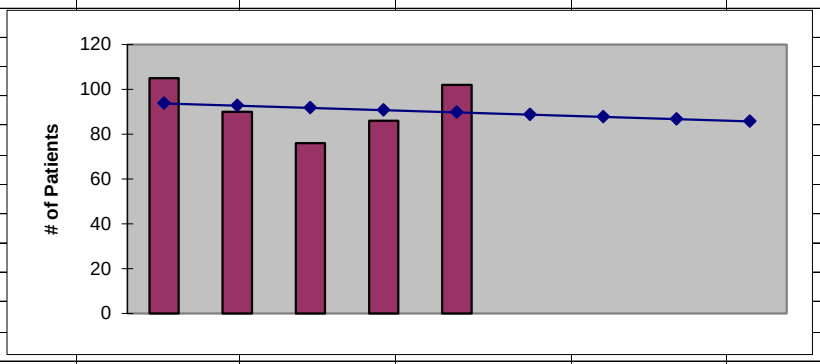
x	y	Linear
2011	105	**94**
2012	90	**93**
2013	76	**92**
2014	86	**91**
2015	102	**90**
2016		**88.800**
2017		**87.800**
2018		**86.800**
2019		**85.800**



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.133061574
R Square	0.017705382
Adjusted R Square	-0.309726157
Standard Error	13.59901957
Observations	5

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	10	10	0.05407354	0.831082017
Residual	3	554.8	184.9333333		
Total	4	564.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2104.8	8656.682334	0.243141647	0.823572527	-25444.62671	29654.22671	-25444.62671	29654.22671
X Variable 1	-1	4.300387579	-0.23253718	0.831082017	-14.68575256	12.68575256	-14.68575256	12.68575256

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	91.2	-4.2
2	89.7	-6.7
3	88.2	16.8
4	86.7	3.3
5	85.2	-9.2