2016
King County 11
ESRD Need Projection Methodology

Planning Area	6 Year Utilization Data - Resident Incenter Patients					
King Eleven (11)	2010	2011	2012	2013	2014	2015
98001	21	22	24	25	26	32
98002	42	43	39	33	35	42
98010	2	2	4	2	3	4
98047	8	7	11	7	12	9
98092	22	19	16	20	25	25
TOTALS	95	93	94	87	101	112

246-310-284(4)(a)	**Rate of Change**		**-2.11%**	**1.08%**	**-7.45%**	**16.09%**	**10.89%**
	6% Growth or Greater?		**FALSE**	**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)			110.90	115.40	119.90	**124.40**
Station Need for Patients	**Divide Resident Incenter Patients by 4.8**			23.1042	24.0417	24.9792	**25.9167**
	Rounded to next whole number			**24**	**25**	**25**	**26**
246-310-284(5)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				24	24	24	**24**
Results of (4)(c) above			-	24	25	25	**26**
Net Station Need				0	-1	-1	**-2**

Negative number indicates need for stations

Planning Area Facilities

Name of Center	# of Stations
NKC Auburn	**24**
Total	**24**

Source: Northwest Renal Network data 2010-2015

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

Prepared by CN Program Staff - March 2016

2016
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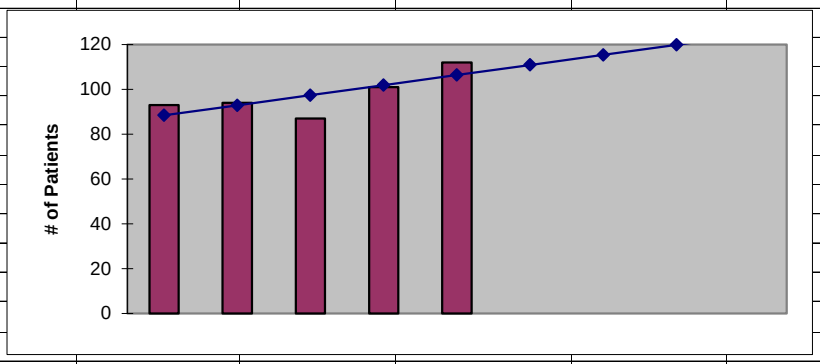
x	y	Linear
2011	93	**88**
2012	94	**93**
2013	87	**97**
2014	101	**102**
2015	112	**106**
2016		**110.90**
2017		**115.40**
2018		**119.90**
2019		**124.40**



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.744641316
R Square	0.55449069
Adjusted R Square	0.405987587
Standard Error	7.364328437
Observations	5

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	202.5	202.5	3.733866011	0.148827145
Residual	3	162.7	54.23333333		
Total	4	365.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-8961.1	4687.885883	-1.911543972	0.151895079	-23880.04511	5957.84511	-23880.04511	5957.84511
X Variable 1	4.5	2.32880513	1.932321405	0.148827145	-2.911297282	11.91129728	-2.911297282	11.91129728

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	92.6	-3.6
2	92.1	2.9
3	91.6	1.4
4	91.1	2.9
5	90.6	-3.6