2011
Columbia County
ESRD Need Projection Methodology

	Planning Area	**6 Year Utilization Data - Resident Incenter Patients**						
	Columbia	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	
	Columbia County	**2**	**2**	**1**	**2**	**3**	**6**	
	TOTALS	**2**	**2**	**1**	**2**	**3**	**6**	
246-310-284(4)(a)	**Rate of Change**		**0.00%**	**-50.00%**	**100.00%**	**50.00%**	**100.00%**	
	6% Growth or Greater?		**FALSE**	**FALSE**	**TRUE**	**TRUE**	**TRUE**	
	Regression Method:	**Linear**						
246-310-284(4)(c)				Year 1	Year 2	Year 3	**Year 4**	
				2011	2012	2013	**2014**	
Projected Resident Incenter Patients	from 246-310-284(4)(b)			5.80	6.80	7.80	8.80	
Station Need for Patients	**Divide Resident Incenter Patients by 3.2**			1.8125	2.1250	2.4375	2.7500	
	Rounded to next whole number			**2**	**3**	**3**	**3**	
246-310-284(4)(d)	subtract (4)(c) from approved stations							
Existing CN Approved Stations				0	0	0	**0**	
Results of (4)(c) above			-	2	3	3	**3**	
Net Station Need				-2	-3	-3	**-3**	
Negative number indicates need for stations								
246-310-284(5)								
Name of Center	**# of Stations**	**Patients**	**Utilization (Patients per Station)**					
None	**0**	**0**	**0.00**					
Total	**0**	**0**						
Source: Northwest Renal Network data 2005-2010								
Most recent year-end data: 2010 year-end data as of 02/16/2011								
Most recent quarterly data as of the 1st day of application submission period: 4th quarter 2010 as of 02/16/2010								

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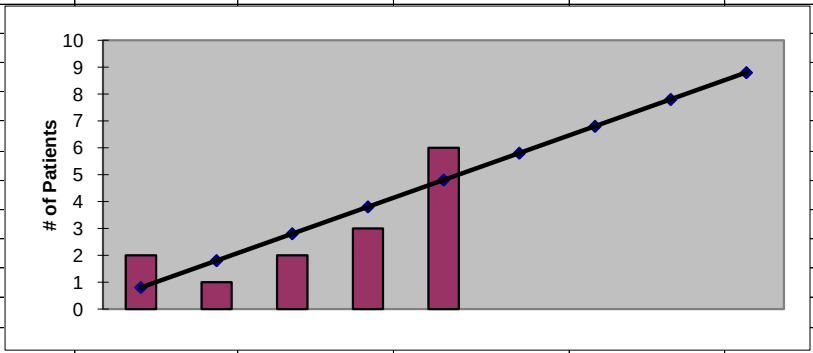
x	y	Linear
2006	2	**1**
2007	1	**2**
2008	2	**3**
2009	3	**4**
2010	6	**5**
2011		**5.800**
2012		**6.800**
2013		**7.800**
2014		**8.800**



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.821994937
R Square	0.675675676
Adjusted R Square	0.567567568
Standard Error	1.264911064
Observations	5

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	10	10	6.25	0.087706647
Residual	3	4.8	1.6		
Total	4	14.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-2005.2	803.2001992	-2.496513325	0.087976756	-4561.341506	550.941506	-4561.341506	550.941506
X Variable 1	1	0.4	2.5	0.087706647	-0.272978522	2.272978522	-0.272978522	2.272978522

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.8	1.2
2	1.8	-0.8
3	2.8	-0.8
4	3.8	-0.8
5	4.8	1.2

Prepared by Mark Thomas

246-310-284(4)(a),(c),(d),(5)