2011
Wahkiakum County
ESRD Need Projection Methodology

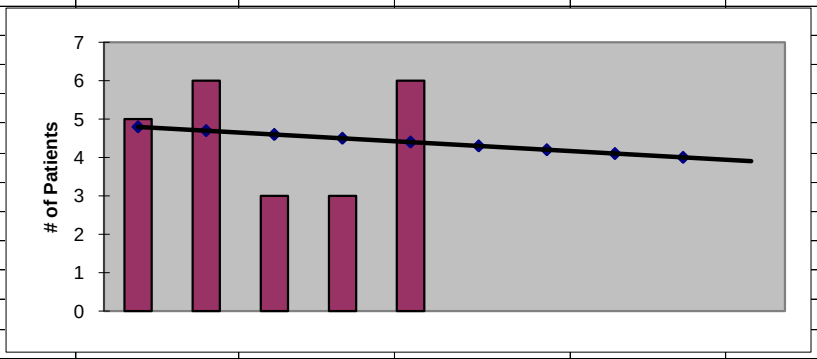
	Planning Area	**6 Year Utilization Data - Resident Incenter Patients**					
	Wahkiakum	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	Wahkiakum	**4**	**5**	**6**	**3**	**3**	**6**
	TOTALS	**4**	**5**	**6**	**3**	**3**	**6**
246-310-284(4)(a)	**Rate of Change**		**25.00%**	**20.00%**	**-50.00%**	**0.00%**	**100.00%**
	6% Growth or Greater?		**TRUE**	**TRUE**	**FALSE**	**FALSE**	**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)			4.30	4.20	4.10	4.00
Station Need for Patients	**Divide Resident Incenter Patients by 3.2**			1.34375	1.3125	1.28125	1.25
	Rounded to next whole number			**2**	**2**	**2**	**2**
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	2	2	**2**
Net Station Need				-2	-2	-2	**-2**
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							

Prepared by Mark Thomas

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

2011
Wahkiakum County
ESRD Need Projection Methodology

x	y	Linear
2006	5	**5**
2007	6	**5**
2008	3	**5**
2009	3	**5**
2010	6	**4**
2011		**4.300**
2012		**4.200**
2013		**4.100**
2014		**4.000**



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.104257207
R Square	0.010869565
Adjusted R Square	-0.31884058
Standard Error	1.74164673
Observations	5

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.1	0.1	0.032967033	0.867496474
Residual	3	9.1	3.033333333		
Total	4	9.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	205.4	1105.92044	0.185727646	0.864506496	-3314.132418	3724.932418	-3314.132418	3724.932418
X Variable 1	-0.1	0.550757055	-0.18156826	0.867496474	-1.852754754	1.652754754	-1.852754754	1.652754754

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	4.8	0.2
2	4.7	1.3
3	4.6	-1.6
4	4.5	-1.5
5	4.4	1.6

Prepared by Mark Thomas

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