

Whatcom County							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Whatcom	2002	2003	2004	2005	2006	2007
	Whatcom	86	97	92	89	88	93
	TOTALS	86	97	92	89	88	93
246-310-284(4)(a)	Rate of Change		12.79%	-5.15%	-3.26%	-1.12%	5.68%
	6% Growth or Greater?		TRUE	FALSE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
246-310-284(4)(c)				Year 1	Year 2	Year 3	Year 4
				2008	2009	2010	2011
Projected Resident Incenter Patients	from 246-310-284(4)(b)			88.20	87.00	85.80	84.60
Station Need for Patients	Divide Resident Incenter Patients by 4.8			18.3750	18.1250	17.8750	17.6250
	Rounded to next whole number			19	19	18	18
246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				26	26	26	26
Results of (4)(c) above			-	19	19	18	18
Net Station Need				7	7	8	8
Negative number indicates need for stations							
246-310-284(5)							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
Mt. Baker	26	95	3.65				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
Total	26	95					
Source: Northwest Renal Network data 2002-2007							
Most recent year-end data: 2007 year-end data as of 01/21/2008							
Most recent quarterly data as of the 1st day of application submission period: 4th quarter 2007 as of 01/21/2008							

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x	y	Linear						
2003	97	94						
2004	92	93						
2005	89	92						
2006	88	91						
2007	93	89						
2008		88.200						
2009		87.000						
2010		85.800						
2011		84.600						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.532413906							
R Square	0.283464567							
Adjusted R Square	0.044619423							
Standard Error	3.483293461							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	14.4	14.4	1.186813187	0.35565826			
Residual	3	36.4	12.13333333					
Total	4	50.8						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	2497.8	2208.536339	1.130975278	0.340306794	-4530.748311	9526.348311	-4530.748311	9526.348311
X Variable 1	-1.2	1.101514109	-1.089409559	0.35565826	-4.705509507	2.305509507	-4.705509507	2.305509507
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	94.2	2.8					
	2	93	-1					
	3	91.8	-2.8					
	4	90.6	-2.6					
	5	89.4	3.6					

