

Pierce County Planning Area #2
ESRD Need Projection Methodology

	Planning Area	6 Year Utilization Data - Resident Incenter Patients						
	98304	0	0	0	0	0	0	0
	98321	4	4	3	2	5	4	4
	98323	0	0	0	0	0	0	0
	98328	3	3	3	3	4	7	7
	98330	1	0	1	0	0	0	0
	98338	9	11	10	7	8	11	11
	98360	3	4	4	5	6	6	6
	TOTALS	20	22	21	17	23	28	28
246-310-284(4)(a)	Rate of Change		10.00%	-4.55%	-19.05%	35.29%	21.74%	
	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	
				2007	2008	2009	2010	
Projected Resident Incenter Patients	from 246-310-284(4)(b)			26.400	27.800	29.200	30.600	
Station Need for Patients	Divide Resident Incenter Patients by 4.8			5.500	5.792	6.083	6.375	
	Rounded to next whole number			6	6	7	7	
246-310-284(4)(d)	subtract (4)(c) from approved stations							
Existing CN Approved Stations				0	0	0	0	
Results of (4)(c) above			-	6	6	7	7	
Net Station Need				-6	-6	-7	-7	
Negative number indicates need for stations								
246-310-284(5)								
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)					
None	0	0	#DIV/0!					
	0	0	#DIV/0!					
	0	0	#DIV/0!					
	0	0	#DIV/0!					
Total	0	0						
Source: Northwest Renal Network data 2001-2006								
Most recent year-end data: 2006 year-end data as of 01/20/2007								
Most recent quarterly data as of the 1st day of the application submission period: 4th quarter 2006 as of 01/20/2007								

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x	y	Linear						
2002	22	19						
2003	21	21						
2004	17	22						
2005	23	24						
2006	28	25						
2007		26						
2008		28						
2009		29						
2010		31						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.558660819							
R Square	0.312101911							
Adjusted R Square	0.082802548							
Standard Error	3.794733192							
Observations	5							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	19.6	19.6	1.361111111	0.327652205			
Residual	3	43.2	14.4					
Total	4	62.8						
	<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	-2783.4	2404.800599	-1.157434842	0.330879436	-10436.54878	4869.74878	-10436.54878	4869.74878
X Variable 1	1.4	1.2	1.166666667	0.327652205	-2.418935566	5.218935566	-2.418935566	5.218935566
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	771.4	-1.399999998					
	2	844.1	4.900000001					
	3	916.8	1.2					
	4	989.5	-11.5					
	5	1062.2	6.799999998					

