

Pierce County Planning Area Five
ESRD Need Projection Methodology

Planning Area	6 Year Utilization Data - Resident Incenter Patients						
Pierce County (5)	2002	2003	2004	2005	2006	2007	
98303	0	0	0	0	0	0	
98327	1	2	2	2	2	2	
98387	18	23	30	28	29	26	
98388	3	2	1	2	3	4	
98430	0	0	0	0	0	0	
98433	3	4	1	0	0	2	
98438	0	0	0	1	0	0	
98439	1	2	2	2	3	3	
98444	31	37	32	29	28	34	
98445	9	14	17	18	18	24	
98446	5	6	8	6	5	3	
98447	0	0	0	0	0	0	
98467	5	7	7	9	9	11	
98498	26	23	21	16	24	28	
98499	28	34	39	38	42	40	
98580	4	5	6	6	7	5	
TOTALS	134	159	166	157	170	182	
246-310-284(4)(a)	Rate of Change		18.66%	4.40%	-5.42%	8.28%	7.06%
	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	
			2008	2009	2010	2011	
Projected Resident Incenter Patients	from 246-310-284(4)(b)		181.80	186.80	191.80	191.80	
Station Need for Patients	Divide Resident Incenter Patients by 4.8		37.8750	38.9167	39.9583	39.9583	
	Rounded to next whole number		38	39	40	40	
246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations			21	21	21	21	
Results of (4)(c) above		-	38	39	40	40	
Net Station Need			-17	-18	-19	-19	
Negative number indicates need for stations							
246-310-284(5)							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
DaVita Lakewood	21	117	5.57				
Total	21	117					
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	159	157						
2004	166	162						
2005	157	167						
2006	170	172						
2007	182	177						
2008		181.80						
2009		186.80						
2010		191.80						
2010		191.80						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.791757944							
R Square	0.626880642							
Adjusted R Square	0.502507523							
Standard Error	7.042726745							
Observations	5							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	250	250	5.040322581	0.110441625			
Residual	3	148.8	49.6					
Total	4	398.8						
	<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	-9858.2	4465.34813	-2.207711406	0.114345503	-24068.93066	4352.530656	-24068.93066	4352.530656
X Variable 1	5	2.227105745	2.245066275	0.110441625	-2.087644449	12.08764445	-2.087644449	12.08764445
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	156.8	2.2					
	2	161.8	4.2					
	3	166.8	-9.8					
	4	171.8	-1.8					
	5	176.8	5.2					

