

Pierce County Planning Area Five
ESRD Need Projection Methodology

Planning Area	6 Year Utilization Data - Resident Incenter Patients						
Pierce County (5)	2001	2002	2003	2004	2005	2006	
98303	0	0	0	0	0	0	
98327	1	1	2	2	2	2	
98387	20	18	23	30	28	29	
98388	4	3	2	1	2	3	
98430	0	0	0	0	0	0	
98433	1	3	4	1	0	0	
98438	0	0	0	0	1	0	
98439	3	1	2	2	2	3	
98444	28	31	37	32	29	28	
98445	11	9	14	17	18	18	
98446	4	5	6	8	6	5	
98447	0	0	0	0	0	0	
98467	4	5	7	7	9	9	
98498	35	26	23	21	16	24	
98499	24	28	34	39	38	42	
98580	5	4	5	6	6	7	
TOTALS	140	134	159	166	157	170	
246-310-284(4)(a)	Rate of Change		-4.29%	18.66%	4.40%	-5.42%	8.28%
	6% Growth or Greater?		FALSE	TRUE	FALSE	FALSE	TRUE
	Regression Method:	Linear					
246-310-284(4)(c)			Year 1 2007	Year 2 2008	Year 3 2009	Year 4 2010	
Projected Resident Incenter Patients	from 246-310-284(4)(b)		180.2	187.2	194.2	201.2	
Station Need for Patients	Divide Resident Incenter Patients by 4.8		37.5417	39.0000	40.4583	41.9167	
	Rounded to next whole number		38	39	41	42	
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	41	42	
Net Station Need			-17	-18	-20	-21	
Negative number indicates need for stations							
246-310-284(5)							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
DaVita Lakewood	21	125	5.95				
Total	21	125					
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 application submission period: 4th quarter 2006 as of 01/20/2007							

Pierce County Planning Area Five								
ESRD Need Projection Methodology								
x	y	Linear						
2002	136	145						
2003	161	152						
2004	168	159						
2005	159	166						
2006	172	173						
2007		180.200						
2008		187.200						
2009		194.200						
2010		201.200						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.791175138							
R Square	0.625958099							
Adjusted R Square	0.501277466							
Standard Error	9.879271228							
Observations	5							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	490	490	5.020491803	0.110895176			
Residual	3	292.8	97.6					
Total	4	782.8						
	<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	-13868.8	6260.697699	-2.215216365	0.113548014	-33793.13426	6055.534259	-33793.13426	6055.534259
X Variable 1	7	3.12409987	2.240645399	0.110895176	-2.942280089	16.94228009	-2.942280089	16.94228009
RESIDUAL OUTPUT								
	<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					

