

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	Year 2	Year 3	Year 4
				2007	2008	2009	2010
Projected Resident Incenter Patients	from 246-310-284(4)(b)			178.20	185.20	192.20	199.20
Station Need for Patients	Divide Resident Incenter Patients by 4.8			37.1250	38.5833	40.0417	41.5000
	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	120	5.71				
Total	21	120					
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: 3rd quarter 2007 as of 11/01/2007							

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x	y	Linear						
2002	134	143						
2003	159	150						
2004	166	157						
2005	157	164						
2006	170	171						
2007		178.20						
2008		185.20						
2009		192.20						
2010		199.20						
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	-13870.8	6260.697699	-2.215535818	0.113514217	-33795.13426	6053.534259	-33795.13426	6053.534259
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	143.2	-9.2					
	2	150.2	8.8					
	3	157.2	8.8					
	4	164.2	-7.2					
	5	171.2	-1.2					

