

Pierce County Planning Area One							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Pierce One	2002	2003	2004	2005	2006	2007
	98354	5	7	4	4	6	6
	98371	13	11	13	13	16	13
	98372	12	11	17	26	25	19
	98373	15	15	20	14	13	9
	98374	17	15	17	19	20	13
	98375	5	10	9	7	7	4
	98390	19	22	22	27	25	13
	98391	0	0	0	4	6	8
	<b>TOTALS</b>	<b>86</b>	<b>91</b>	<b>102</b>	<b>114</b>	<b>118</b>	<b>85</b>
<b>246-310-284(4)(a)</b>	Rate of Change		5.81%	12.09%	11.76%	3.51%	-27.97%
	6% Growth or Greater?		FALSE	TRUE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
<b>246-310-284(4)(c)</b>				Year 1 2008	Year 2 2009	Year 3 2010	Year 4 2011
Projected Resident Incenter Patients	from 246-310-284(4)(b)			103.20	103.60	104.00	104.40
Station Need for Patients	Divide Resident Incenter Patients by 4.8			21.5000	21.5833	21.6667	21.7500
	Rounded to next whole number			22	22	22	22
<b>246-310-284(4)(d)</b>	subtract (4)(c) from approved stations						
Existing CN Approved Stations				28	28	28	28
Results of (4)(c) above			-	22	22	22	22
Net Station Need				6	6	6	6
Negative number indicates need for stations							
<b>246-310-284(5)</b>							
Name of Center	# of Stations	# of Patient	Utilization (Patients per Station)				
Greater Puyallup	12	49	4.08				
DaVita Puyallup	16	83	5.19				
	0	0					
	0	0					
Total	28	132					
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						
2002	91	101						
2003	102	102						
2004	114	102						
2005	118	102						
2006	85	103						
2007		103.20						
2008		103.60						
2009		104.00						
2010		104.40						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.044444444							
R Square	0.001975309							
Adjusted R Square	-0.330699588							
Standard Error	16.41543989							
Observations	5							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	1.6	1.6	0.005937655	0.943430211			
Residual	3	808.4	269.4666667					
Total	4	810						
	<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	-699.6	10402.80243	-0.067251109	0.950612979	-33805.96015	32406.76015	-33805.96015	32406.76015
X Variable 1	0.4	5.191017883	0.077056178	0.943430211	-16.12013568	16.92013568	-16.12013568	16.92013568
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					

