

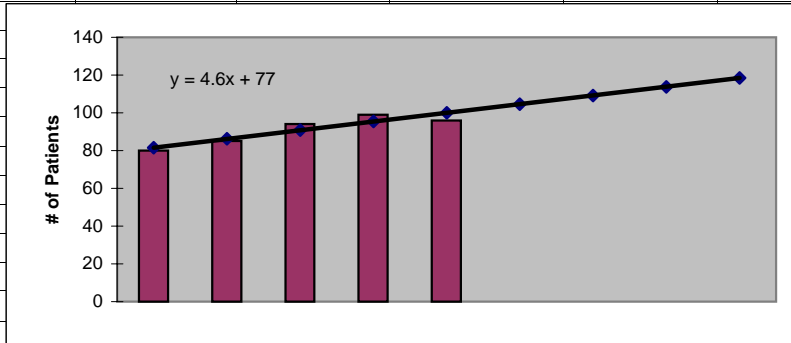
Cowlitz County							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Cowlitz	2002	2003	2004	2005	2006	2007
	Cowlitz County	76	80	85	94	99	96
	<b>TOTALS</b>	76	80	85	94	99	96
<b>246-310-284(4)(a)</b>	Rate of Change		5.26%	6.25%	10.59%	5.32%	-3.03%
	6% Growth or Greater?		FALSE	TRUE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
<b>246-310-284(4)(c)</b>				Year 1	Year 2	Year 3	Year 4
				2008	2009	2010	2011
<b>Projected Resident Incenter Patients</b>	from 246-310-284(4)(b)			104.60	109.20	113.80	118.40
<b>Station Need for Patients</b>	<b>Divide Resident Incenter Patients by 4.8</b>			21.7917	22.7500	23.7083	24.6667
	<b>Rounded to next whole number</b>			22	23	24	25
<b>246-310-284(4)(d)</b>	subtract (4)(c) from approved stations						
<b>Existing CN Approved Stations</b>				22	22	22	22
<b>Results of (4)(c) above</b>			-	22	23	24	25
<b>Net Station Need</b>				0	-1	-2	-3
Negative number indicates need for stations							
<b>246-310-284(5)</b>							
<b>Name of Center</b>	<b># of Stations</b>	<b># of Patient Utilization (Patients per Station)</b>					
PeaceHealth	22	110	5.00				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
<b>Total</b>	<b>22</b>	<b>110</b>					
Source: Northwest Renal Network data 2002-2007							
Most recent year-end data: 2007 year-end data as of 01/20/2007							
Most recent quarterly data as of the 1st day of application submission period: 4th quarter 2007 as of 01/21/2008							

**Cowlitz County**  
**ESRD Need Projection Methodology**

<b>x</b>	<b>y</b>	<b>Linear</b>
2003	80	<b>82</b>
2004	85	<b>86</b>
2005	94	<b>91</b>
2006	99	<b>95</b>
2007	96	<b>100</b>
2008		<b>104.600</b>
2009		<b>109.200</b>
2010		<b>113.800</b>
2011		<b>118.400</b>

**SUMMARY OUTPUT**

<i>Regression Statistics</i>	
Multiple R	0.91129318
R Square	0.830455259
Adjusted R Square	0.773940345
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	211.6	211.6	14.69444444	0.031289934
Residual	3	43.2	14.4		
Total	4	254.8			

	<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	-9132.2	2406.000599	-3.795593403	0.032100626	-16789.16771	-1475.23229	-16789.16771	-1475.232286
X Variable 1	4.6	1.2	3.833333333	0.031289934	0.781064434	8.418935566	0.781064434	8.418935566

**RESIDUAL OUTPUT**

<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>
1	81.6	-1.6
2	86.2	-1.2
3	90.8	3.2
4	95.4	3.6
5	100	-4