

Pierce County Planning Area Two  
ESRD Need Projection Methodology

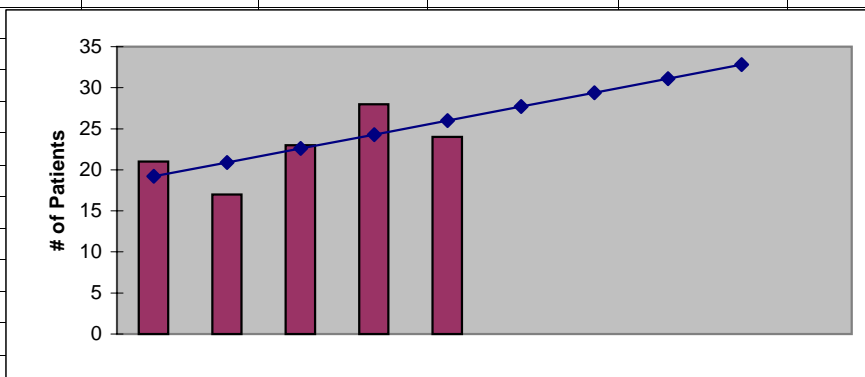
Planning Area		6 Year Utilization Data - Resident Incenter Patients					
Pierce Two		2002	2003	2004	2005	2006	2007
	98304	0	0	0	0	0	0
	98321	4	3	2	5	4	6
	98323	0	0	0	0	0	0
	98328	3	3	3	4	7	5
	98330	0	1	0	0	0	0
	98338	11	10	7	8	11	8
	98360	4	4	5	6	6	5
<b>TOTALS</b>		<b>22</b>	<b>21</b>	<b>17</b>	<b>23</b>	<b>28</b>	<b>24</b>
<b>246-310-284(4)(a)</b>	Rate of Change		-4.55%	-19.05%	35.29%	21.74%	-14.29%
	6% Growth or Greater?		FALSE	FALSE	TRUE	TRUE	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)			27.70	29.40	31.10	32.80
Station Need for Patients	Divide Resident Incenter Patients by 4.8			5.7708	6.1250	6.4792	6.8333
	Rounded to next whole number			6	7	7	7
<b>246-310-284(4)(d)</b>	subtract (4)(c) from approved stations						
Existing CN Approved Stations				0	0	0	0
Results of (4)(c) above			-	6	7	7	7
Net Station Need				-6	-7	-7	-7
Negative number indicates need for stations							
<b>246-310-284(5)</b>							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
None	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
Total	0	0					
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	21	19
2004	17	21
2005	23	23
2006	28	24
2007	24	26
2008		27.700
2009		29.400
2010		31.100
2011		32.800

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.665771382
R Square	0.443251534
Adjusted R Square	0.257668712
Standard Error	3.478505426
Observations	5



ANOVA					
	df	SS	MS	F	Significance F
Regression	1	28.9	28.9	2.388429752	0.219952132
Residual	3	36.3	12.1		
Total	4	65.2			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-3385.9	2205.500549	-1.535207054	0.222300899	-10404.78707	3632.987071	-10404.78707	3632.987071
X Variable 1	1.7	1.1	1.545454545	0.219952132	-1.800690935	5.200690935	-1.800690935	5.200690935

RESIDUAL OUTPUT

Observation	Predicted Y	Residuals
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