

King 4 Planning Area
ESRD Need Projection Methodology

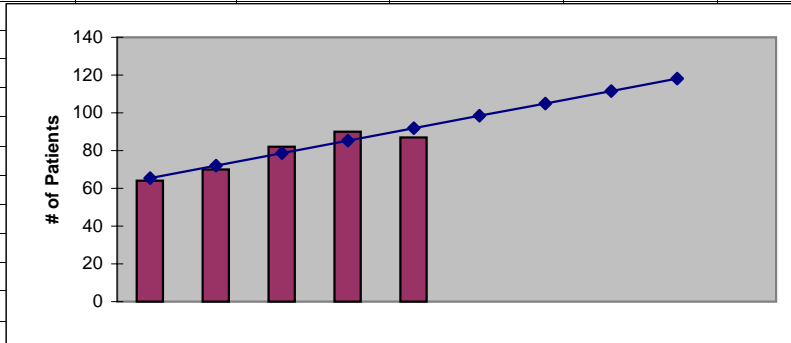
Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King Four		2001	2002	2003	2004	2005	2006
	98148	8	8	8	8	9	11
	98158	1	1	0	0	0	0
	98166	13	11	9	14	17	17
	98188	21	22	23	23	21	21
	98198	27	22	30	37	43	38
TOTALS		70	64	70	82	90	87
246-310-284(4)(a)	Rate of Change		-8.57%	9.38%	17.14%	9.76%	-3.33%
	6% Growth or Greater?		FALSE	TRUE	TRUE	TRUE	FALSE
	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)			98.4	105	111.6	118.2
Station Need for Patients	Divide Resident Incenter Patients by 4.8			20.500	21.875	23.250	24.625
	Rounded to next whole number			21	22	24	25
246-310-284(5)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				12	12	12	12
Results of (4)(c) above			-	21	22	24	25
Net Station Need				-9	-10	-12	-13
Negative number indicates need for stations							
246-310-284(4)(e)							
Name of Center	# of Stations	# of Patie	Utilization (Patients per Station)				
NKC SeaTac	12	66	5.50				
(formerly Cascade)	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
Total	12	66					
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 the application submission period: 4th quarter 2006 as of 01/20/2007							

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x	y	Linear
2002	64	65
2003	70	72
2004	82	79
2005	90	85
2006	87	92
2007		98
2008		105
2009		112
2010		118

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.934128553
R Square	0.872596154
Adjusted R Square	0.830128205
Standard Error	4.604345773
Observations	5



ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	435.6	435.6	20.54716981	0.020092841			
Residual	3	63.6	21.2					
Total	4	499.2						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-13147.8	2917.86877	-4.505960012	0.020417636	-22433.76069	-3861.83931	-22433.76069	-3861.839314
X Variable 1	6.6	1.456021978	4.53289861	0.020092841	1.966288237	11.23371176	1.966288237	11.23371176

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