

King County Planning Area Ten  
ESRD Need Projection Methodology

Planning Area		6 Year Utilization Data - Resident Incenter Patients					
King Ten		2002	2003	2004	2005	2006	2007
	98030	5	5	9	6	12	10
	98031	45	43	27	36	36	26
	98032	22	25	39	39	34	33
	98038	4	6	4	6	7	4
	98042	15	13	15	23	23	23
	98051	0	0	0	2	0	0
<b>TOTALS</b>		<b>91</b>	<b>92</b>	<b>94</b>	<b>112</b>	<b>112</b>	<b>96</b>
<b>246-310-284(4)(a)</b>	Rate of Change		1.10%	2.17%	19.15%	0.00%	-14.29%
	6% Growth or Greater?		FALSE	FALSE	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
<b>Projected Resident Incenter Patients</b>	from 246-310-284(4)(b)			109.00	111.60	114.20	116.80
<b>Station Need for Patients</b>	<b>Divide Resident Incenter Patients by 4.8</b>			22.7083	23.2500	23.7917	24.3333
	<b>Rounded to next whole number</b>			23	24	24	25
<b>246-310-284(4)(d)</b>	subtract (4)(c) from approved stations						
<b>Existing CN Approved Stations</b>				29	29	29	29
<b>Results of (4)(c) above</b>			-	23	24	24	25
<b>Net Station Need</b>				6	5	5	4
<b>Negative number indicates need for stations</b>							
<b>246-310-284(5)</b>							
<b>Name of Center</b>	<b># of Stations</b>	<b># of Patient</b>	<b>Utilization (Patients per Station)</b>				
DaVita Kent Community	12	72	6.00				
NKC Kent	17	0	0.00				
<b>Total</b>	<b>29</b>	<b>72</b>					
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	92	96						
2004	94	99						
2005	112	101						
2006	112	104						
2007	96	106						
2008		109.00						
2009		111.60						
2010		114.20						
2011		116.80						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.412750413							
R Square	0.170362903							
Adjusted R Square	-0.106182796							
Standard Error	10.47536793							
Observations	5							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	67.6	67.6	0.616038882	0.48979831			
Residual	3	329.2	109.7333333					
Total	4	396.8						
	<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	-5111.8	6641.769063	-0.769644345	0.497558844	-26248.87341	16025.27341	-26248.87341	16025.27341
X Variable 1	2.6	3.3126022	0.784881445	0.48979831	-7.94217863	13.14217863	-7.94217863	13.14217863
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	96	-4					
	2	98.6	-4.6					
	3	101.2	10.8					
	4	103.8	8.2					
	5	106.4	-10.4					

