

Skagit County							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Skagit	2002	2003	2004	2005	2006	2007
	Skagit	75	88	87	81	73	77
	TOTALS	75	88	87	81	73	77
246-310-284(4)(a)	Rate of Change		17.33%	-1.14%	-6.90%	-9.88%	5.48%
	6% Growth or Greater?		TRUE	FALSE	FALSE	FALSE	FALSE
	Regression Method:	Linear					
246-310-284(4)(c)				Year 1	Year 2	Year 3	Year 4
				2008	2009	2010	2011
Projected Resident Incenter Patients	from 246-310-284(4)(b)			70.40	66.80	63.20	59.60
Station Need for Patients	Divide Resident Incenter Patients by 4.8			14.6667	13.9167	13.1667	12.4167
	Rounded to next whole number			15	14	14	13
246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				27	27	27	27
Results of (4)(c) above			-	15	14	14	13
Net Station Need				12	13	13	14
Negative number indicates need for stations							
246-310-284(5)							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
Skagit Valley	27	85	3.15				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
Total	27	85					
Source: Northwest Renal Network data 2002-2007							
Most recent year-end data: 2007 year-end data as of 01/21/2007							
Most recent quarterly data as of the 1st day of application submission period: 4th quarter 2007 as of 01/21/2008							

Skagit County								
ESRD Need Projection Methodology								
x	y	Linear						
2003	88	88						
2004	87	85						
2005	81	81						
2006	73	78						
2007	77	74						
2008		70.400						
2009		66.800						
2010		63.200						
2011		59.600						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.88679635							
R Square	0.786407767							
Adjusted R Square	0.715210356							
Standard Error	3.425395354							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	129.6	129.6	11.04545455	0.044937516			
Residual	3	35.2	11.73333333					
Total	4	164.8						
	<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	7299.2	2171.826807	3.36085731	0.043705556	387.4778029	14210.9222	387.4778029	14210.9222
X Variable 1	-3.6	1.083205121	-3.323470256	0.044937516	-7.047242134	-0.15275787	-7.047242134	-0.152757866
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	88.4	-0.4					
	2	84.8	2.2					
	3	81.2	-0.2					
	4	77.6	-4.6					
	5	74	3					

