PIERCE COUNTY
APPS #06-27, #06-28, #06-29

Provider #	Facility	5 Year Utilization Data - Incenter *Dialyses*						
		2001	2002	2003	2004	2005	Totals	2005 Capacity
503510	FHS Gig Harbor Dialysis Center	0	0	0	1,955	3,068	**5,023**	**54.6%**
503507	FHS Greater Puyallup Dialysis	6,392	7,370	8,130	7,813	8,078	**37,783**	**71.9%**
502519	DaVita Lakewood Community DC	10,919	11,178	8,107	14,228	15,078	**59,510**	**80.5%**
502534	DaVita Puyallup Dialysis Center	697	6,000	12,074	11,438	13,825	**44,034**	**92.3%**
500108	FHS St. Joseph Hospital DC	43,482	43,074	41,461	38,610	37,119	**203,746**	**79.3%**
	TOTALS	**61,490**	**67,622**	**69,772**	**74,044**	**77,168**	**350,096**	

Provider #	Facility	5 Year Utilization Data - Incenter *patients*					
		2001	2002	2003	2004	2005	Totals
	Pierce County Patients	447	462	490	512	546	
	TOTALS	**447**	**462**	**490**	**578**	**612**	**2,589**

Provider #	Facility	5 Year Utilization Data - Incenter *Hemo Trains*					
		2001	2002	2003	2004	2005	Totals
503510	FHS Gig Harbor Dialysis Center	0	0	0	incl w/n incenter data		**0**
503507	FHS Greater Puyallup Dialysis	0	0	0	incl w/n incenter data		**0**
502519	DaVita Lakewood Community DC	0	0	0	incl w/n incenter data		**0**
502534	DaVita Puyallup Dialysis Center	0	0	0	incl w/n incenter data		**0**
500108	FHS St. Joseph Hospital DC	8	8	8	incl w/n incenter data		**24**
	TOTALS	**8**	**8**	**8**	**0**	**0**	**24**

Provider #	Facility	5 Year Utilization Data - *Peritoneal Trains*					
		2001	2002	2003	2004	2005	Totals
503510	FHS Gig Harbor Dialysis Center	0	0	0	incl w/n incenter data		**0**
503507	FHS Greater Puyallup Dialysis	0	0	0	incl w/n incenter data		**0**
502519	DaVita Lakewood Community DC	7	5	5	incl w/n incenter data		**17**
502534	DaVita Puyallup Dialysis Center	0	0	0	incl w/n incenter data		**0**
500108	FHS St. Joseph Hospital DC	7	2	4	incl w/n incenter data		**13**
	TOTALS	**14**	**7**	**9**	**0**	**0**	**30**

Name of Center		**otpt**	**traing**	
503510	FHS Gig Harbor Dialysis Center*	6		
503507	FHS Greater Puyallup Dialysis	12		
502519	DaVita Lakewood Community DC	20	1	
502534	DaVita Puyallup Dialysis Center	16		
500108	FHS St. Joseph Hospital DC	50		
	Total	**104**	**1**	**105**

*** Facility became operational in year 2004.**

Source: Northwest Renal Network data 2001-2005

Prepared by: K Nidermayer 12/28/06

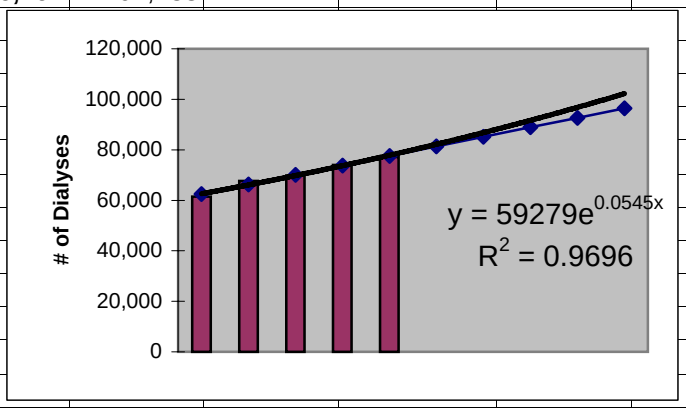
246-310-280 Kidney Dialysis Methodology				***(Department Projections)***					
Use data from the regression analysis to complete the following calculations. Enter data only in shaded areas.									
						2007	**2008**	**2009**	**2010**
Incenter Dialysis for Service Area/Center						85,130.4	88,908.2	**92,686.0**	**96,463.8**
(center activity)								(a)	(a)
Incenter Patients						590.6	615.4	**640.2**	**665.0**
(resident activity)								(b)	(b)
Pt Dialysis Need		Multiply (b) by 156				92,133.6	96,002.4	**99,871.2**	**103,740.0**
								(b1)	(b1)
Patients Trained for Hemo						8	8	**8**	**8**
								(c1)	(c1)
Patients Trained for Peritoneal						0.00	0.00	0.00	0.00
								(c2)	(c2)
Using the **third** year projection totals from above, calculate the following:							**Projections**		
Station Need for Center Dialysis			Divide (a) by 748.8			**113.6891**	**118.73424**	**123.77938**	**128.82452**
						(d)	(d)	(d)	(d)
Station Need for Patients			Divide (b1) by 748.8			**123.04167**	**128.20833**	**133.375**	**138.54167**
						(e)	(e)	(e)	(e)
Station Need for			Divide (c1) by 6		(hemo)	1.333333333	1.333333333	1.333333333	1.333333333
Training			Divide (c2) 20		(peri)	0	0	0	0
			Total			**1.3333333**	**1.3333333**	**1.3333333**	**1.3333333**
						(f)	(f)	(f)	(f)
Station Need for Visitors			Subtract (e) from (d)			**-9.3525641**	**-9.4740919**	**-9.5956197**	**-9.7171474**
						(x)	(x)	(x)	(x)
Total Stations Needed			(e)+(f)+(x)			**115.02244**	**120.06757**	**125.11271**	**130.15785**
						(g)	(g)	(g)	(g)
Existing CN Approved PSA Stations						**105**	**105**	**105**	**105**
Net PSA Station Need						**-10.022436**	**-15.067575**	**-20.112714**	**-25.157853**
*Numbers have been rounded up									
**Negative number indicates need for stations									

Source: Northwest Renal Network data 2001-2005

Prepared by: K Nidermayer 12/28/06

PIERCE COUNTY
APPS #06-27, #06-28, #06-29

x	y	**Linear**	Non-Linear
2001	61,490	**62,464**	62,599
2002	67,622	**66,241**	66,106
2003	69,772	**70,019**	69,808
2004	74,044	**73,797**	73,719
2005	77,168	**77,575**	77,848
2006		**81,353**	82,208
2007		**85,130**	86,813
2008		**88,908**	91,675
2009		**92,686**	96,810
2010		**96,464**	102,233



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.989172246
R Square	0.978461732
Adjusted R Square	0.971282309
Standard Error	1023.320803
Observations	5

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	142717728.4	1.43E+08	136.287	0.00135031
Residual	3	3141556.4	1047185		
Total	4	145859284.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	-7496914.2	648175.8721	-11.56617	0.001388	-9559699.1	-5434129	-9559699	-5434129
X Variable 1	3777.8	323.6024516	11.6742	0.00135	2747.95257	4807.647	2747.953	4807.647

RESIDUAL OUTPUT

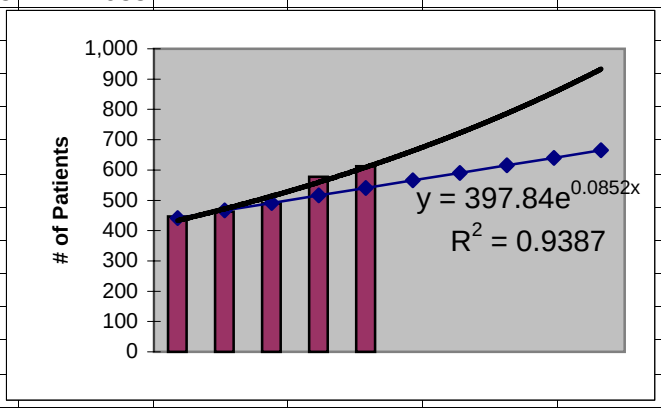
Observation	*Predicted Y*	*Residuals*
1	114829.2	-235.1999997
2	124837.4	171.6000001
3	134845.6	689.4
4	144853.8	-952.8000001
5	154862	326.9999997

Source: Northwest Renal Network data 2001-2005

Prepared by: K Nidermayer 12/28/06

PIERCE COUNTY
APPS #06-27, #06-28, #06-29

x	y	**Linear**	Non-Linear
2001	447	**442**	433
2002	462	**467**	472
2003	490	**491**	514
2004	578	**516**	559
2005	612	**541**	609
2006		**566**	663
2007		**591**	722
2008		**615**	787
2009		**640**	856
2010		**665**	933



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.99254
R Square	0.985136
Adjusted R	0.980181
Standard E	5.561774
Observatio	5

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regressior	1	6150.4	6150.4	198.8276	0.000773
Residual	3	92.8	30.93333		
Total	4	6243.2			

	Coefficients	*andard Err*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Jpper 95.0%*
Intercept	-49183	3522.852	-13.96113	0.000796	-60394.29	-37971.71	-60394.29	-37971.71
X Variable	24.8	1.758787	14.10062	0.000773	19.20275	30.39725	19.20275	30.39725

RESIDUAL OUTPUT

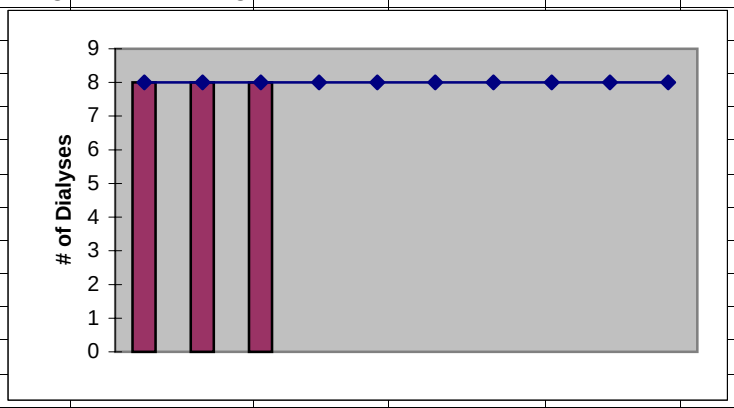
Observatior	*Predicted Y*	*Residuals*
1	771.4	-1.4
2	844.1	4.9
3	916.8	1.2
4	989.5	-11.5
5	1062.2	6.8

Source: Northwest Renal Network data 2001-2005

Prepared by: K Nidermayer 12/28/06

PIERCE COUNTY
APPS #06-27, #06-28, #06-29

x	y	Linear	Non-Linear
2001	8	8	8
2002	8	8	8
2003	8	8	8
2004	0	8	8
2005	0	8	8
2006		8	8
2007		8	8
2008		8	8
2009		8	8
2010		8	8



SUMMARY OUTPUT

Regression Statistics	
Multiple R	1
R Square	1
Adjusted R Square	1
Standard Error	0
Observations	3

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0	0	#NUM!	#NUM!
Residual	1	0	0		
Total	2	0			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	8	0	65535	#NUM!	8	8	8	8
X Variable 1	0	0	65535	#NUM!	0	0	0	0

RESIDUAL OUTPUT

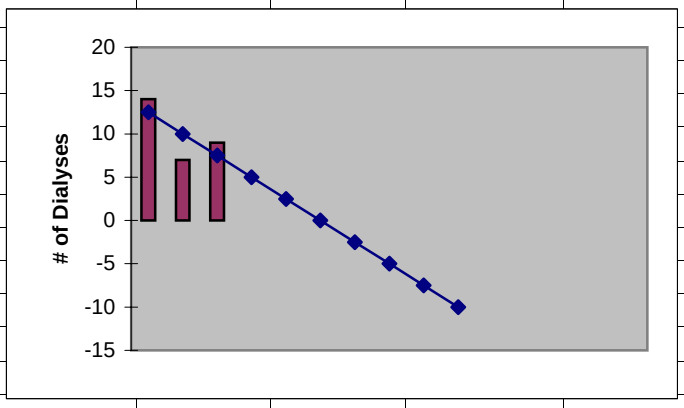
Observation	*Predicted Y*	*Residuals*
1	33.4	2.6
2	28.6	0.4
3	23.8	-5.8
4	19	7.09406E-11
5	14.2	2.8

Source: Northwest Renal Network data 2001-2005

Prepared by: K Nidermayer 12/28/06

PIERCE COUNTY
APPS #06-27, #06-28, #06-29

x	y	Linear	**Non-Linear**
2001	14	13	Cannot be calculated
2002	7	10	Cannot be calculated
2003	9	8	Cannot be calculated
2004	0	5	Cannot be calculated
2005	0	3	Cannot be calculated
2006		0	Cannot be calculated
2007		-3	Cannot be calculated
2008		-5	Cannot be calculated
2009		-8	Cannot be calculated
2010		-10	Cannot be calculated



SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.693375245
R Square	0.480769231
Adjusted R Square	-0.038461538
Standard Error	3.674234614
Observations	3

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	12.5	12.5	0.925926	0.51224571
Residual	1	13.5	13.5		
Total	2	26			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	5015	5201.349008	0.964173	0.511611	-61074.405	71104.41	-61074.41	71104.41
X Variable 1	-2.5	2.598076211	-0.96225	0.512246	-35.511688	30.51169	-35.51169	30.51169

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	72.2	3.8
2	72.3	-3.3
3	72.4	2.6
4	72.5	-10.5
5	72.6	7.4

Source: Northwest Renal Network data 2001-2005

Prepared by: K Nidermayer 12/28/06

PIERCE COUNTY
APPS #06-27, #06-28, #0629

		Sep-06	
PIERCE COUNTY	**#of sts**	**#of pts**	**% cap**
Gig Harbor	6	28	77.8%
FHS-Puyallup	12	51	70.8%
DaVita Lakewood	20	119	99.2%
DaVita Puyallup	16	106	110.4%
St. Joseph	50	253	84.3%
KING COUNTY			
NKC Auburn	24	114	79.2%
DaVita Federal Way	24	98	68.1%
DaVita Kent Dialysis Center	12	90	125.0%

Source: Northwest Renal Network data-September 2006 Quarterly Prepared by: K.Nidermayer 12/29/06