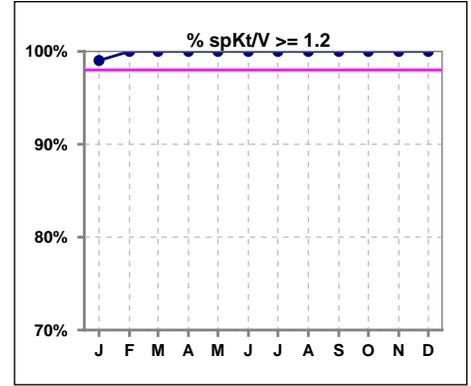
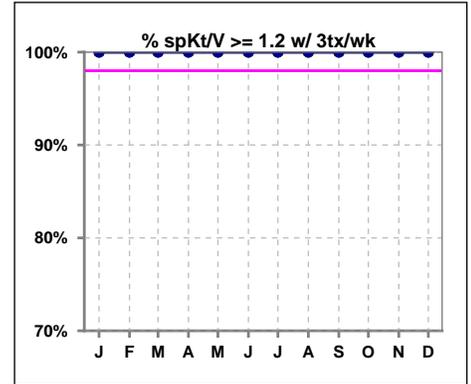


**I. ADEQUACY OF DIALYSIS**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V	102	98	99	97	95	93	90	90	90	89	87	90
# spKt/V >= 1.2	101	98	99	97	95	93	90	90	90	89	87	90
Pop. Mean	1.70	1.72	1.68	1.68	1.70	1.58	1.61	1.58	1.58	1.60	1.58	1.57
Std. Deviation	0.30	0.28	0.28	0.29	0.42	0.28	0.29	0.25	0.27	0.27	0.27	0.26
% spKt/V >= 1.2	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



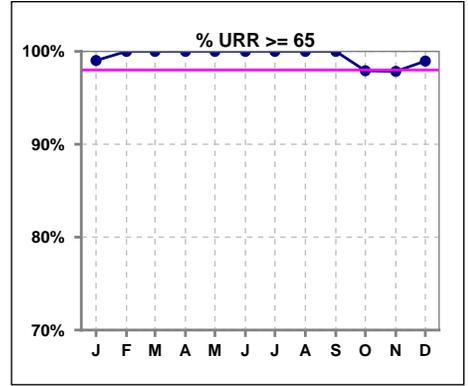
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# spKt/V w/ 3tx/wk	81	77	78	76	77	77	74	75	76	89	87	90
# spKt/V >= 1.2 w/3tx/wk	81	77	78	76	77	77	74	75	76	89	87	90
Pop. Mean	1.72	1.74	1.68	1.69	1.69	1.62	1.61	1.58	1.58	1.60	1.58	1.57
Std. Deviation	0.28	0.28	0.28	0.30	0.34	0.29	0.27	0.26	0.28	0.27	0.27	0.26
% >= 1.2 w/3tx/wk	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



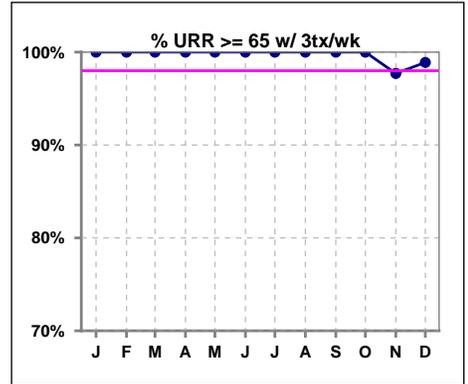
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**I. ADEQUACY OF DIALYSIS - CONT.**

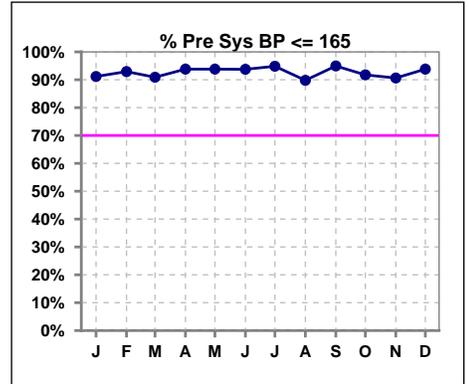
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR	102	98	99	97	94	96	97	96	96	96	93	96
# URR >= 65	101	98	99	97	94	96	97	96	96	94	91	95
Pop. Mean	76	77	76	76	76	75	75	75	75	75	75	74
Std. Deviation	5.71	5.19	5.29	5.49	5.71	5.54	5.56	4.89	5.14	5.35	5.26	5.15
% URR >= 65	99%	100%	100%	100%	100%	100%	100%	100%	100%	98%	98%	99%



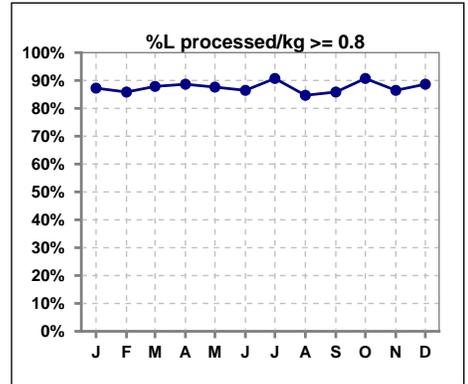
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# URR w/ 3tx/wk	81	77	78	76	77	77	74	75	76	89	87	90
# URR>=65 w/ 3tx/wk	81	77	78	76	77	77	74	75	76	89	85	89
Pop. Mean	77	77	76	76	76	75	75	75	75	75	74	74
Std. Deviation	5.12	4.95	5.10	5.62	5.86	5.57	5.16	4.95	5.19	5.12	5.37	5.20
% URR>=65 w/ 3tx/wk	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	99%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Pre Sys BP	102	99	99	97	97	96	97	98	99	97	96	97
# Pre Sys BP <= 165	96	93	91	91	91	91	92	88	95	91	88	94
Pop. Mean	141	142	140	138	137	138	136	140	139	140	141	141
Std. Deviation	16.8	16.9	17.8	17.7	18.7	18.5	18.2	18.2	16.9	17.4	17.8	16.4
% Pre Sys BP <=165	91%	93%	91%	94%	94%	94%	95%	90%	95%	92%	91%	94%



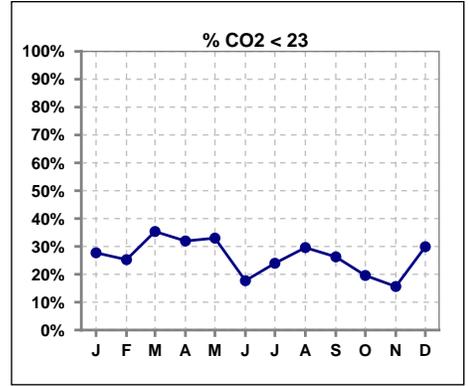
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# L processed/kg	102	99	99	97	97	96	97	98	99	97	96	97
# L processed/kg>=0.8	89	85	87	86	85	83	88	83	85	88	83	86
Pop. Mean	1	1	1	1	1	1	1	1	1	1	1	1
Std. Deviation	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
% L processed/kg>=0.8	87%	86%	88%	89%	88%	86%	91%	85%	86%	91%	86%	89%



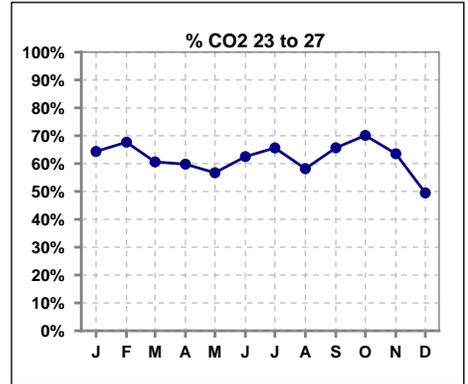
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**I. ADEQUACY OF DIALYSIS - CONT.**

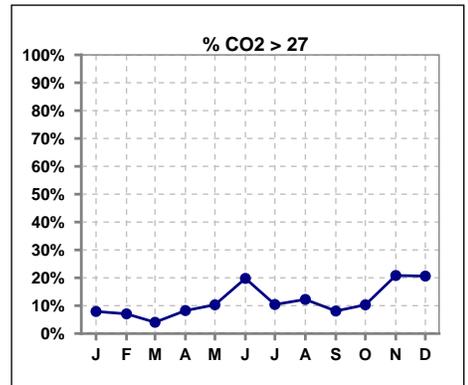
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	101	99	99	97	97	96	96	98	99	97	96	97
# CO2 < 23	28	25	35	31	32	17	23	29	26	19	15	29
Pop. Mean	24	24	24	24	24	25	24	24	24	25	25	25
Std. Deviation	2.84	2.53	2.66	2.65	2.78	3.03	3.13	3.57	3.28	2.46	3.11	3.20
<b>% CO2 &lt; 23</b>	<b>28%</b>	<b>25%</b>	<b>35%</b>	<b>32%</b>	<b>33%</b>	<b>18%</b>	<b>24%</b>	<b>30%</b>	<b>26%</b>	<b>20%</b>	<b>16%</b>	<b>30%</b>



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	101	99	99	97	97	96	96	98	99	97	96	97
# CO2 23 to 27	65	67	60	58	55	60	63	57	65	68	61	48
Pop. Mean	24	24	24	24	24	25	24	24	24	25	25	25
Std. Deviation	2.84	2.53	2.66	2.65	2.78	3.03	3.13	3.57	3.28	2.46	3.11	3.20
<b>% CO2 23 to 27</b>	<b>64%</b>	<b>68%</b>	<b>61%</b>	<b>60%</b>	<b>57%</b>	<b>63%</b>	<b>66%</b>	<b>58%</b>	<b>66%</b>	<b>70%</b>	<b>64%</b>	<b>49%</b>



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# CO2	101	99	99	97	97	96	96	98	99	97	96	97
# CO2 > 27	8	7	4	8	10	19	10	12	8	10	20	20
Pop. Mean	24	24	24	24	24	25	24	24	24	25	25	25
Std. Deviation	2.84	2.53	2.66	2.65	2.78	3.03	3.13	3.57	3.28	2.46	3.11	3.20
<b>% CO2 &gt; 27</b>	<b>8%</b>	<b>7%</b>	<b>4%</b>	<b>8%</b>	<b>10%</b>	<b>20%</b>	<b>10%</b>	<b>12%</b>	<b>8%</b>	<b>10%</b>	<b>21%</b>	<b>21%</b>

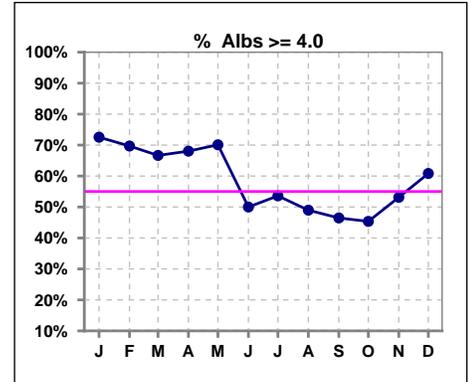


Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

\*Albumin values use BCG method - as of July 2001

**II. NUTRITION**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Albumin	102	99	99	97	97	96	97	98	99	97	96	97
# Albumin >= 4.0	74	69	66	66	68	48	52	48	46	44	51	59
Pop. Mean	4.1	4.1	4.1	4.0	4.1	3.9	3.9	3.9	3.9	3.9	3.9	4.0
Std. Deviation	0.35	0.34	0.35	0.34	0.35	0.40	0.38	0.39	0.40	0.36	0.38	0.37
% Alb >= 4.0	73%	70%	67%	68%	70%	50%	54%	49%	46%	45%	53%	61%

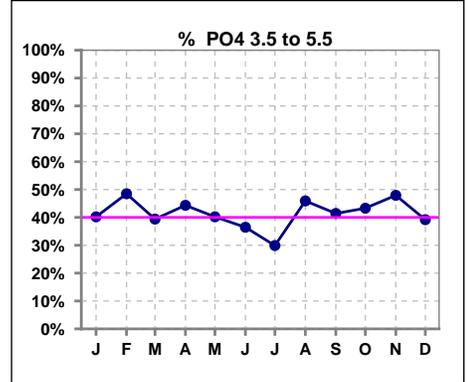


Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

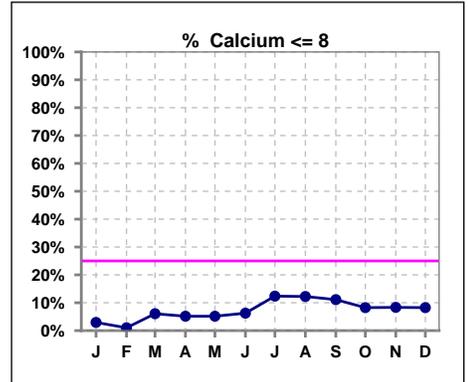
Lab methodology for PTH changed January 2012

**III. OSTEODYSTROPHY**

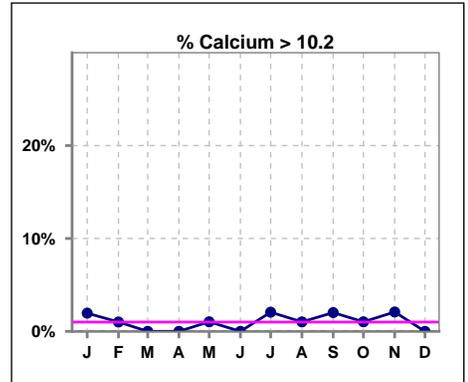
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PO4	102	99	99	97	97	96	97	98	99	97	96	97
# PO4 3.5 to 5.5	41	48	39	43	39	35	29	45	41	42	46	38
Pop. Mean	6.0	5.5	5.9	5.9	5.8	6.0	6.2	6.0	5.8	5.8	5.8	6.2
Std. Deviation	1.67	1.70	1.98	1.67	1.87	1.78	1.68	1.85	1.80	1.89	1.70	1.82
% PO4 3.5 to 5.5	40%	48%	39%	44%	40%	36%	30%	46%	41%	43%	48%	39%



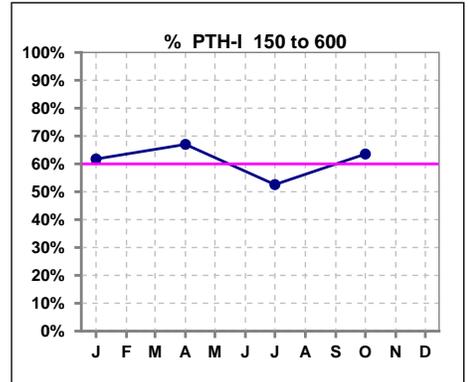
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	102	99	99	97	97	96	97	98	99	97	96	97
# Calcium <= 8	3	1	6	5	5	6	12	12	11	8	8	8
Pop. Mean	9.2	9.3	9.2	9.1	9.2	9.0	9.0	8.9	8.9	9.0	9.0	9.0
Std. Deviation	0.62	0.57	0.63	0.60	0.68	0.62	0.75	0.66	0.72	0.69	0.82	0.72
% Calcium <= 8	3%	1%	6%	5%	5%	6%	12%	12%	11%	8%	8%	8%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Calcium	102	99	99	97	97	96	97	98	99	97	96	97
# Calcium > 10.2	2	1	0	0	1	0	2	1	2	1	2	0
Pop. Mean	9.2	9.3	9.2	9.1	9.2	9.0	9.0	8.9	8.9	9.0	9.0	9.0
Std. Deviation	0.62	0.57	0.63	0.60	0.68	0.62	0.75	0.66	0.72	0.69	0.82	0.72
% Calcium > 10.2	2%	1%	0%	0%	1%	0%	2%	1%	2%	1%	2%	0%



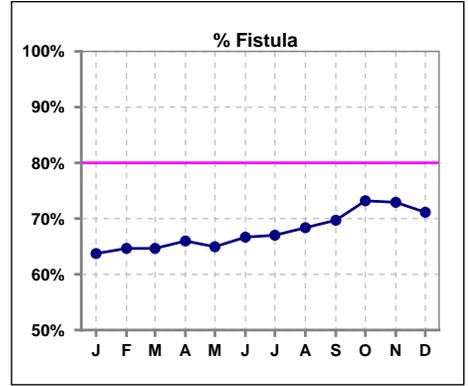
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# PTH-I	102			97			97			96		
# PTH-I 150 to 600	63			65			51			61		
Pop. Mean	569			546			612			582		
Std. Deviation	483			441			454			404		
% PTH-I 150 to 600	62%			67%			53%			64%		



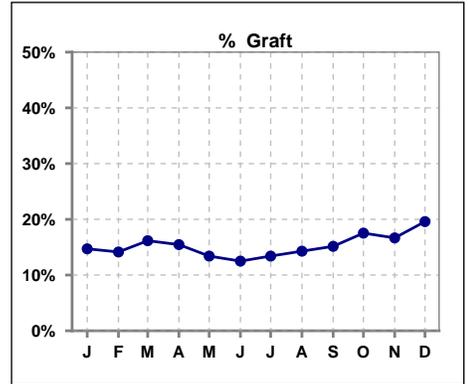
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**IV. ACCESS**

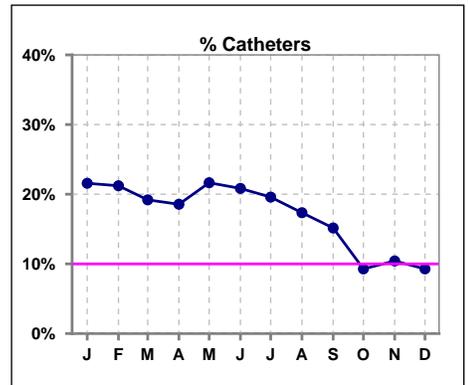
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Access</b>	102	99	99	97	97	96	97	98	99	97	96	97
<b># Fistula</b>	65	64	64	64	63	64	65	67	69	71	70	69
<b>% Fistula</b>	64%	65%	65%	66%	65%	67%	67%	68%	70%	73%	73%	71%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Access</b>	102	99	99	97	97	96	97	98	99	97	96	97
<b># Graft</b>	15	14	16	15	13	12	13	14	15	17	16	19
<b>% Graft</b>	15%	14%	16%	15%	13%	13%	13%	14%	15%	18%	17%	20%



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Access</b>	102	99	99	97	97	96	97	98	99	97	96	97
<b># Catheters</b>	22	21	19	18	21	20	19	17	15	9	10	9
<b>% Catheters</b>	22%	21%	19%	19%	22%	21%	20%	17%	15%	9%	10%	9%



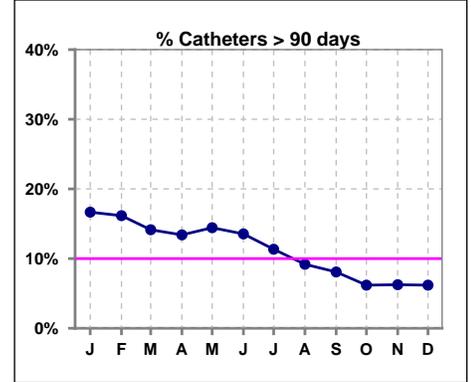
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**IV. ACCESS - CONT.**

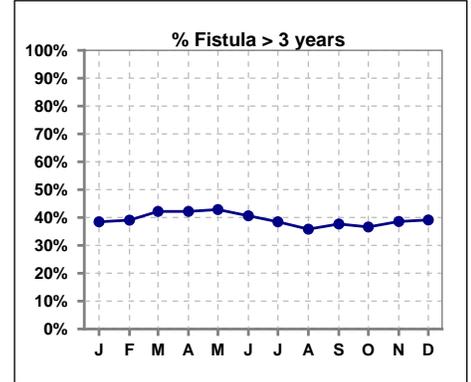
**Catheters > 90 days**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Access</b>	102	99	99	97	97	96	97	98	99	97	96	97
<b># Catheters</b>	17	16	14	13	14	13	11	9	8	6	6	6
<b>% Catheters</b>	17%	16%	14%	13%	14%	14%	11%	9%	8%	6%	6%	6%

**Definition:** Catheter in use on last treatment of the month



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Fistula</b>	65	64	64	64	63	64	65	67	69	71	70	69
<b># Fistula &gt; 3 yrs</b>	25	25	27	27	27	26	25	24	26	26	27	27
<b>% Fistula &gt; 3 yrs</b>	38%	39%	42%	42%	43%	41%	38%	36%	38%	37%	39%	39%

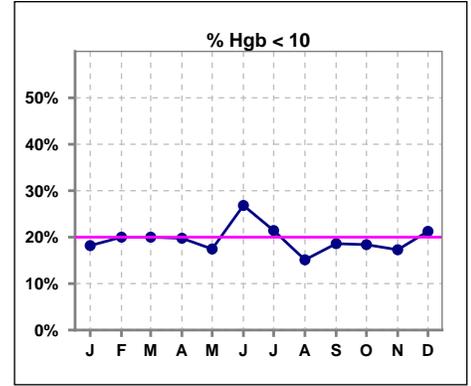


**Methodology:** a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**V. ANEMIA**

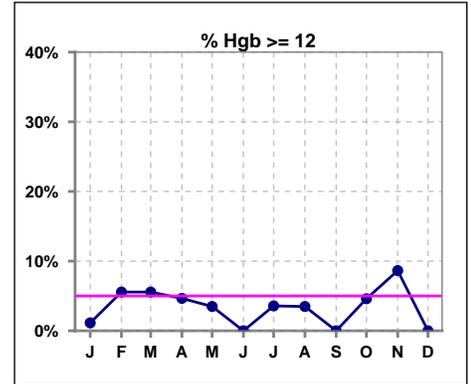
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	88	90	90	86	86	82	84	86	86	87	81	80
# Hgb < 10	16	18	18	17	15	22	18	13	16	16	14	17
Pop. Mean	10.7	10.7	10.8	10.7	10.7	10.4	10.6	10.7	10.6	10.8	10.8	10.5
Std. Deviation	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.0	0.9	1.2	1.1	1.0
% Hgb < 10	18%	20%	20%	20%	17%	27%	21%	15%	19%	18%	17%	21%

Note: Excludes patients who received no ESA in month.



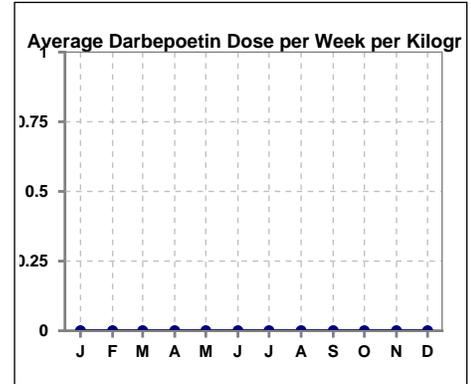
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Hgb	88	90	90	86	86	82	84	86	86	87	81	80
# Hgb >= 12	1	5	5	4	3	0	3	3	0	4	7	0
Pop. Mean	10.7	10.7	10.8	10.7	10.7	10.4	10.6	10.7	10.6	10.8	10.8	10.5
Std. Deviation	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.0	0.9	1.2	1.1	1.0
% Hgb >= 12	1%	6%	6%	5%	3%	0%	4%	3%	0%	5%	9%	0%

Note: Excludes patients who received no ESA in month.



**Average Darbepoetin Dose per Week per Kilogram**

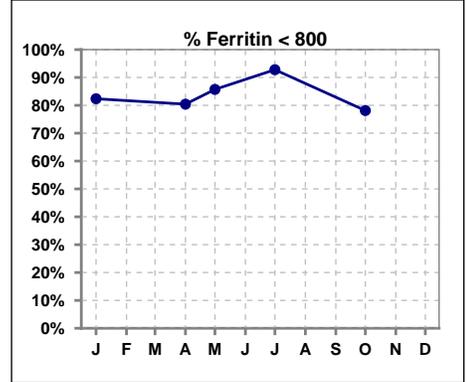
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Average Darbepoetin	0	0	0	0	0	0	0	0	0	0	0	0



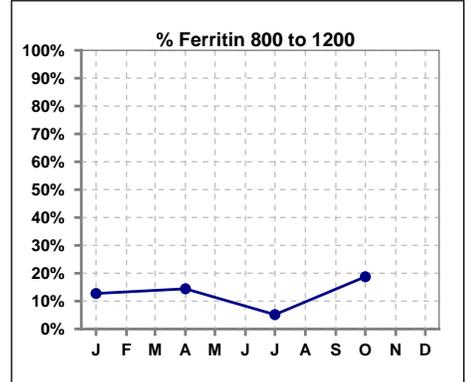
**V. ANEMIA - CONT.**

**Iron Profile**

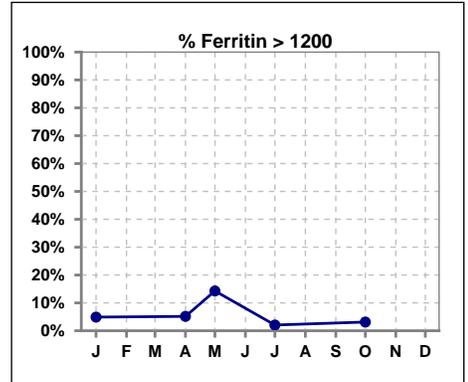
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	102			97	7		97			96		
# Ferritin < 800	84			78	6		90			75		
Pop. Mean	493			535	430		474			534		
Std. Deviation	318			325	401		262			335		
<b>% Ferritin &lt; 800</b>	<b>82%</b>			<b>80%</b>	<b>86%</b>		<b>93%</b>			<b>78%</b>		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	102			97	7		97			96		
# Ferritin 800 to 1200	13			14			5			18		
Pop. Mean	493			535	430		474			534		
Std. Deviation	318			325	401		262			335		
<b>% Ferritin 800 to 1200</b>	<b>13%</b>			<b>14%</b>			<b>5%</b>			<b>19%</b>		



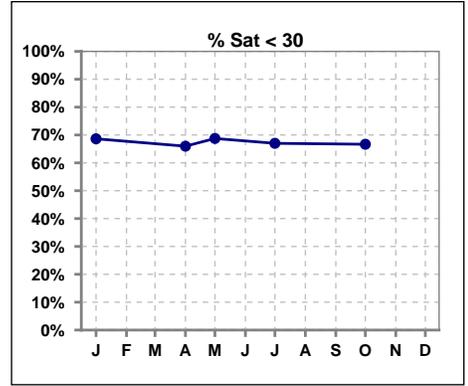
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Ferritin	102			97	7		97			96		
# Ferritin > 1200	5			5	1		2			3		
Pop. Mean	493			535	430		474			534		
Std. Deviation	318			325	401		262			335		
<b>% Ferritin &gt; 1200</b>	<b>5%</b>			<b>5%</b>	<b>14%</b>		<b>2%</b>			<b>3%</b>		



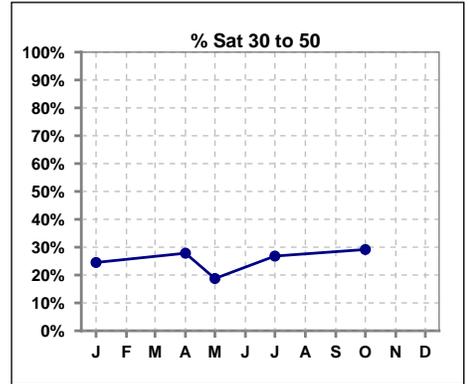
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**V. ANEMIA - CONT.**

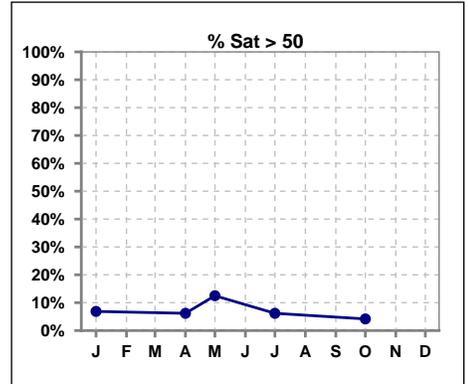
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	102			97	16		97			96		
# % Sat < 30	70			64	11		65			64		
Pop. Mean	28			26	28		27			27		
Std. Deviation	15			12	14		12			11		
<b>% % Sat &lt; 30</b>	<b>69%</b>			<b>66%</b>	<b>69%</b>		<b>67%</b>			<b>67%</b>		



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	102			97	16		97			96		
# % Sat 30 to 50	25			27	3		26			28		
Pop. Mean	28			26	28		27			27		
Std. Deviation	15			12	14		12			11		
<b>% % Sat 30 to 50</b>	<b>25%</b>			<b>28%</b>	<b>19%</b>		<b>27%</b>			<b>29%</b>		



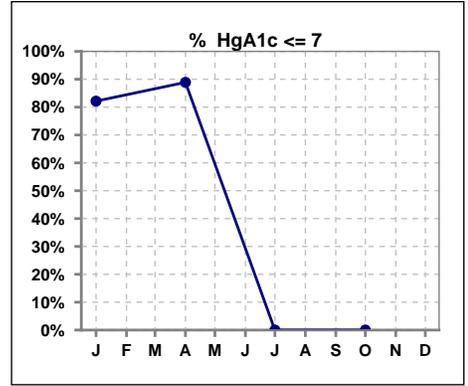
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# % Sat	102			97	16		97			96		
# % Sat > 50	7			6	2		6			4		
Pop. Mean	28			26	28		27			27		
Std. Deviation	15			12	14		12			11		
<b>% % Sat &gt; 50</b>	<b>7%</b>			<b>6%</b>	<b>13%</b>		<b>6%</b>			<b>4%</b>		



Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**VI. Diabetes**

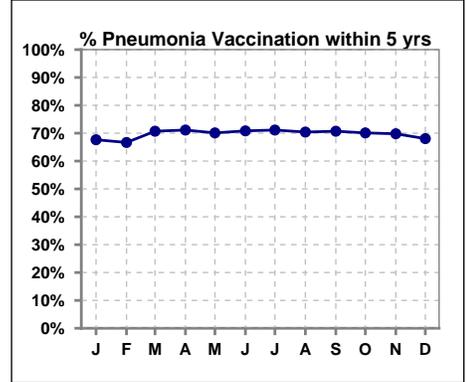
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# HgA1c	56			54			0			0		
# HgA1c <= 7	46			48			0			0		
Pop. Mean	6.0			5.9			0			0		
Std. Deviation	1.22			1.12			0			0		
<b>% HgA1c &lt;= 7</b>	<b>82%</b>			<b>89%</b>			<b>0%</b>			<b>0%</b>		



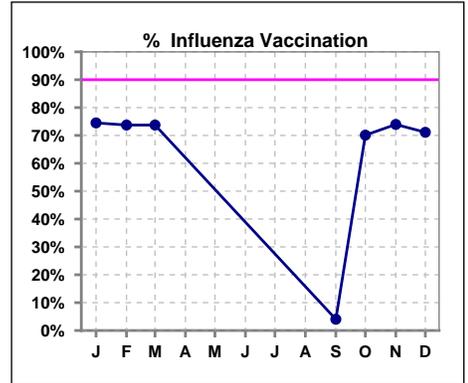
**VII. Infection Control**

**Pneumonia vaccination within the past five years**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Patient</b>	102	99	99	97	97	96	97	98	99	97	96	97
<b># Pneumonia</b>	69	66	70	69	68	68	69	69	70	68	67	66
<b>% Pneumonia</b>	68%	67%	71%	71%	70%	71%	71%	70%	71%	70%	70%	68%



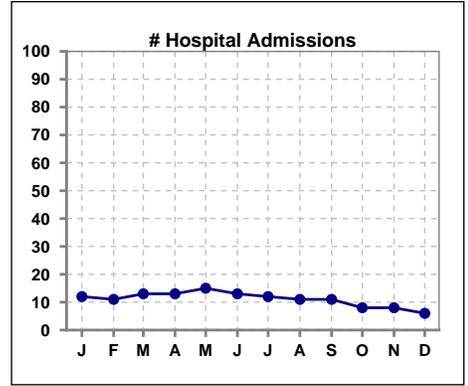
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b># Patient</b>	102	99	99						99	97	96	97
<b># Influenza</b>	76	73	73						4	68	71	69
<b>% Influenza</b>	75%	74%	74%						4%	70%	74%	71%



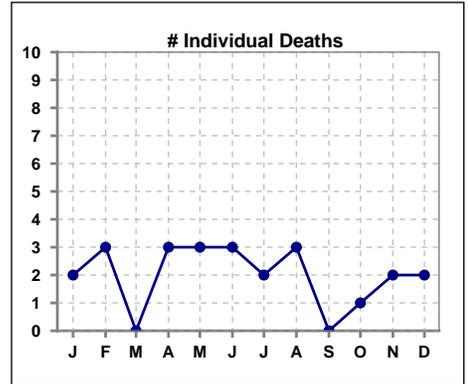
Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.

**VIII. Outcome measures**

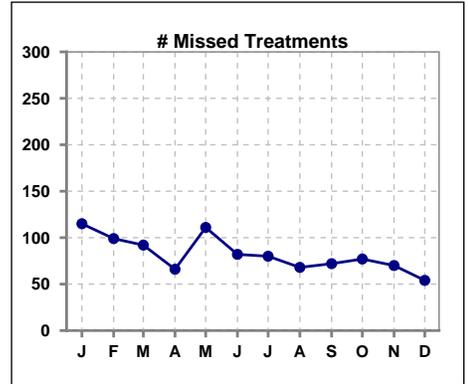
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	102	99	99	97	97	96	97	98	99	97	96	97
# Hospital Admissions	12	11	13	13	15	13	12	11	11	8	8	6



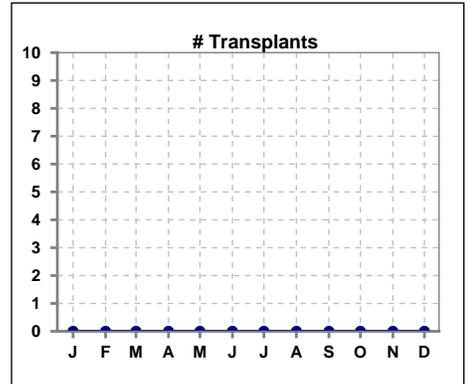
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	102	99	99	97	97	96	97	98	99	97	96	97
# Individual Deaths	2	3	0	3	3	3	2	3	0	1	2	2



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	102	99	99	97	97	96	97	98	99	97	96	97
# Missed Treatments	115	99	92	66	111	82	80	68	72	77	70	54



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
# Patient	102	99	99	97	97	96	97	98	99	97	96	97
# Transplants	0	0	0	0	0	0	0	0	0	0	0	0



Methodology: a) All labs for 'Adequacy of Dialysis', 'Nutrition', 'Osteodystrophy', 'Anemia' and 'Diabetes' based on last value of month; b) BP's and #L processed are average of all values for month; c) Access data takes last access of month; d) Values for SGA and 'Infection Control' use most recent result.