

The State of Managed Renal Care Quality

VillageHealth DM

End Stage Renal Disease
Some Data Elements are Patient Reported

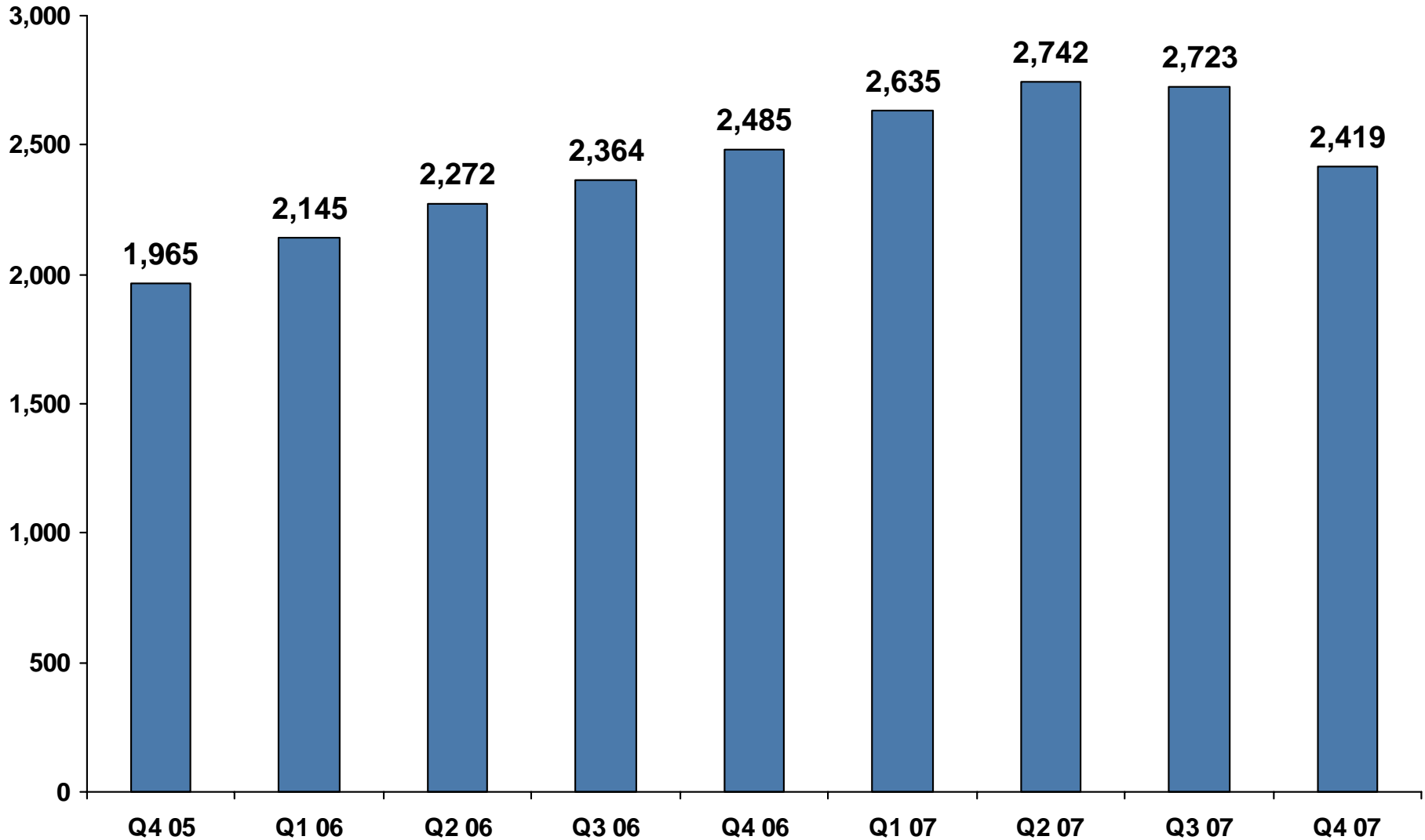
4th Quarter 2007
(October - December)

Clinical Data Summary

<p><u>Demographics</u> >2,419 patients</p>	<p>>Mean age 67.7 yr. (60.8 USRDS 2007 ADR)</p>	
<p><u>Process Measures</u> >Advance care planning education 84%</p>	<p>>Annual clinical depression screening 94%</p>	<p>>Pneumococcal vaccine (5 years) 80% (19% USRDS 2007 ADR)</p>
<p><u>Anemia</u> >Hb \geq 11 g/dL 82% (84% CMS CPM) >Hb \geq 13 g/dL 19%</p>	<p>>Mean weekly EPO dose 16,943u (19,100u USRDS 2007 ADR)</p>	
<p><u>Vascular Access</u> >Fistula 54% (44% CMS CPM)</p>	<p>>Graft 25% (29% CMS CPM)</p>	<p>>Catheter 20% (27% CMS CPM)</p>
<p><u>Bone & Mineral Metabolism</u> >Phosphorus \leq 5.5 mg/dL 64%</p>	<p>>Ca x PO₄ \leq 55 72%</p>	
<p><u>Cardiovascular</u> >LDL measured 79% >LDL \leq 100 mg/dL 80%</p>	<p>>LDL measured diabetics 81% (70% USRDS 2007 ADR) >LDL \leq 100 mg/dL diabetics 83%</p>	
<p><u>Diabetes</u> >% diabetics 55% (66% USRDS 2006 ADR)</p>	<p>>% A1C measured 87% (56% USRDS 2007 ADR) >A1C \leq 7.0% 72%</p>	<p>>Annual podiatric foot exam 81% >Annual dilated retinal exam 81% (42% USRDS 2007 ADR)</p>
<p><u>Hospitalization</u> >Admits .37 (.5 USRDS 2007 ADR)</p>	<p>>Bed days 2.5 (3.6 USRDS 2007 ADR)</p>	

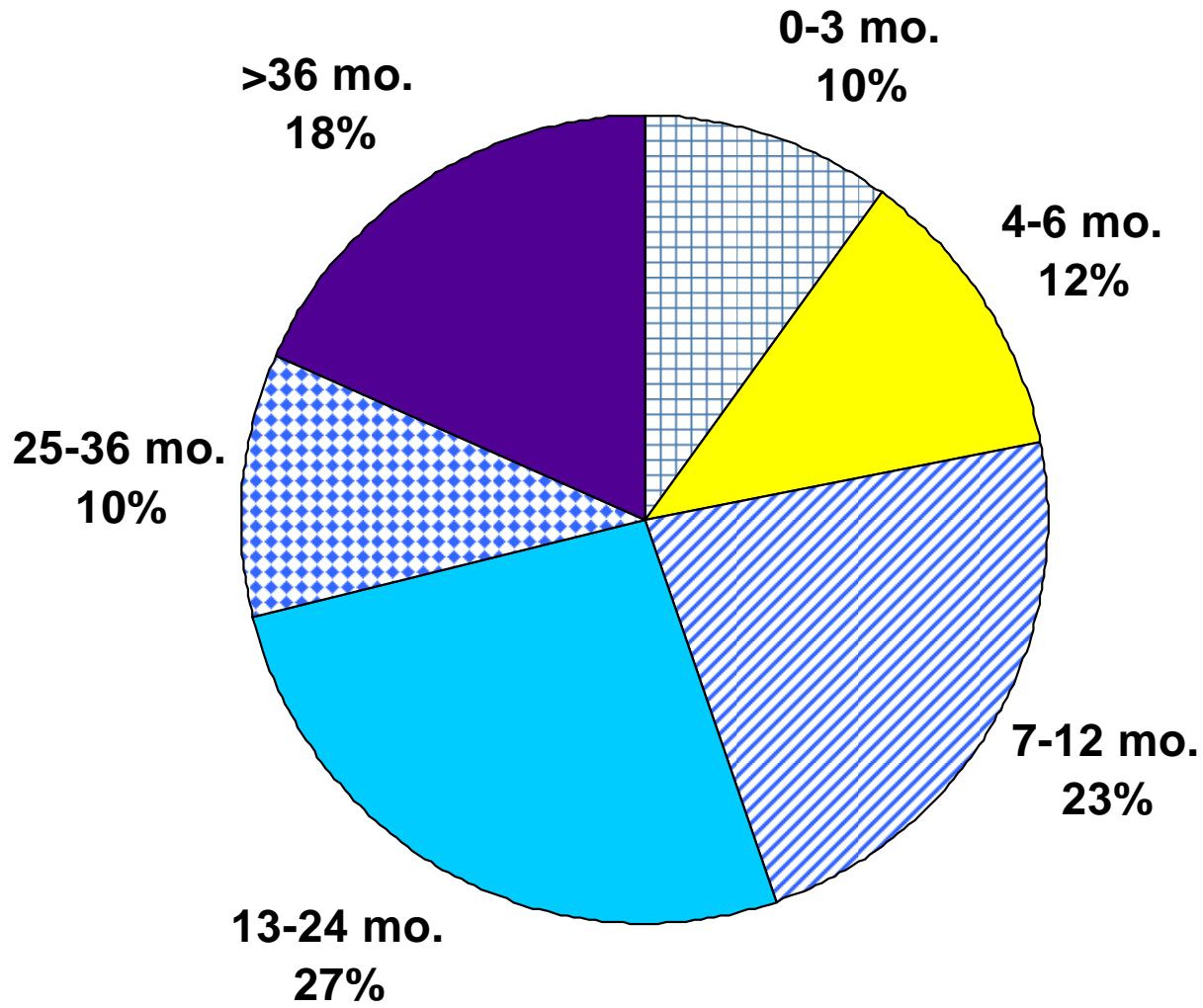
Demographics

Number of patients



Demographics

Percentage of patients by time in program



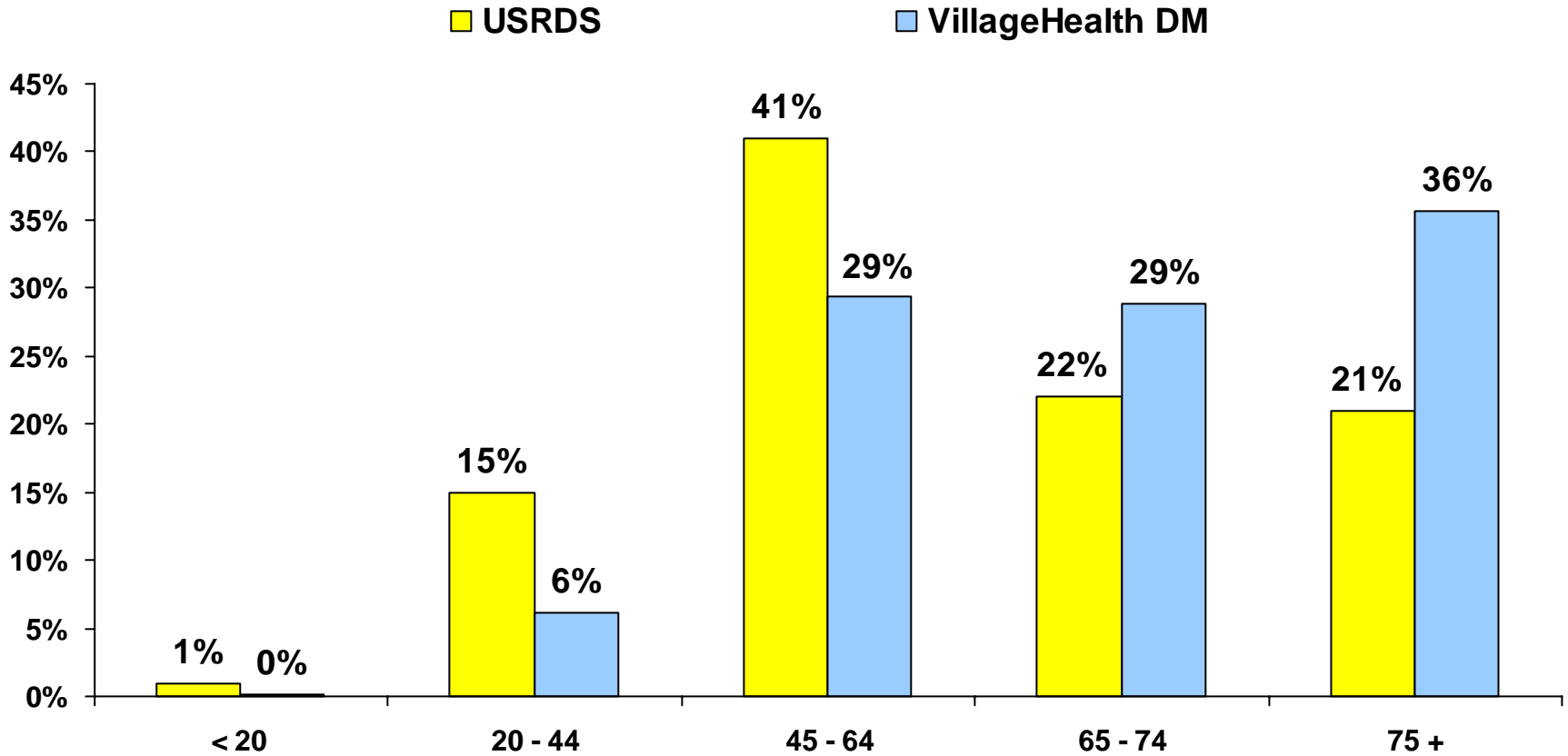
Demographics

Number of patients by state

State	Patient Count
Florida	799
Pennsylvania	529
Texas	208
New York	134
Louisiana	116
South Carolina	98
Kentucky	85
Illinois	57
Arizona	50
Missouri	50
Ohio	42
North Carolina	34
Georgia	32
Kansas	32
Wisconsin	25
Indiana	20
Virginia	18
Minnesota	15
Michigan	12
New Jersey	10
Tennessee	8
Mississippi	7
Alabama	6
Iowa	6
Arkansas	5
West Virginia	4
Montana	3
Nebraska	3
California	2
Idaho	2
Oklahoma	2
Delaware	1
Maryland	1
North Dakota	1
New Mexico	1
Utah	1

Demographics

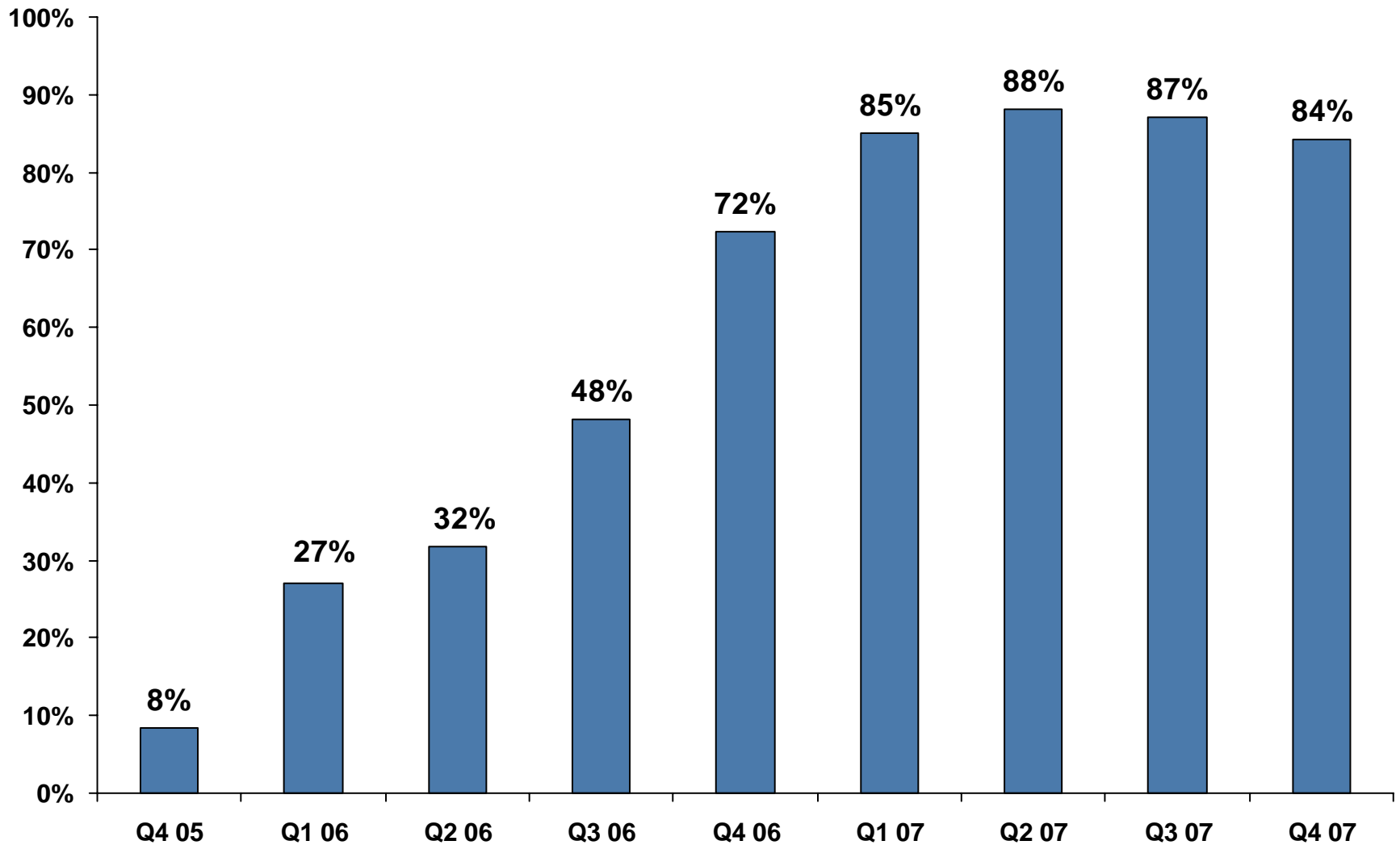
Percentage of age distribution by category (years)



	Mean Age
USRDS	60.8
VillageHealth DM	67.7

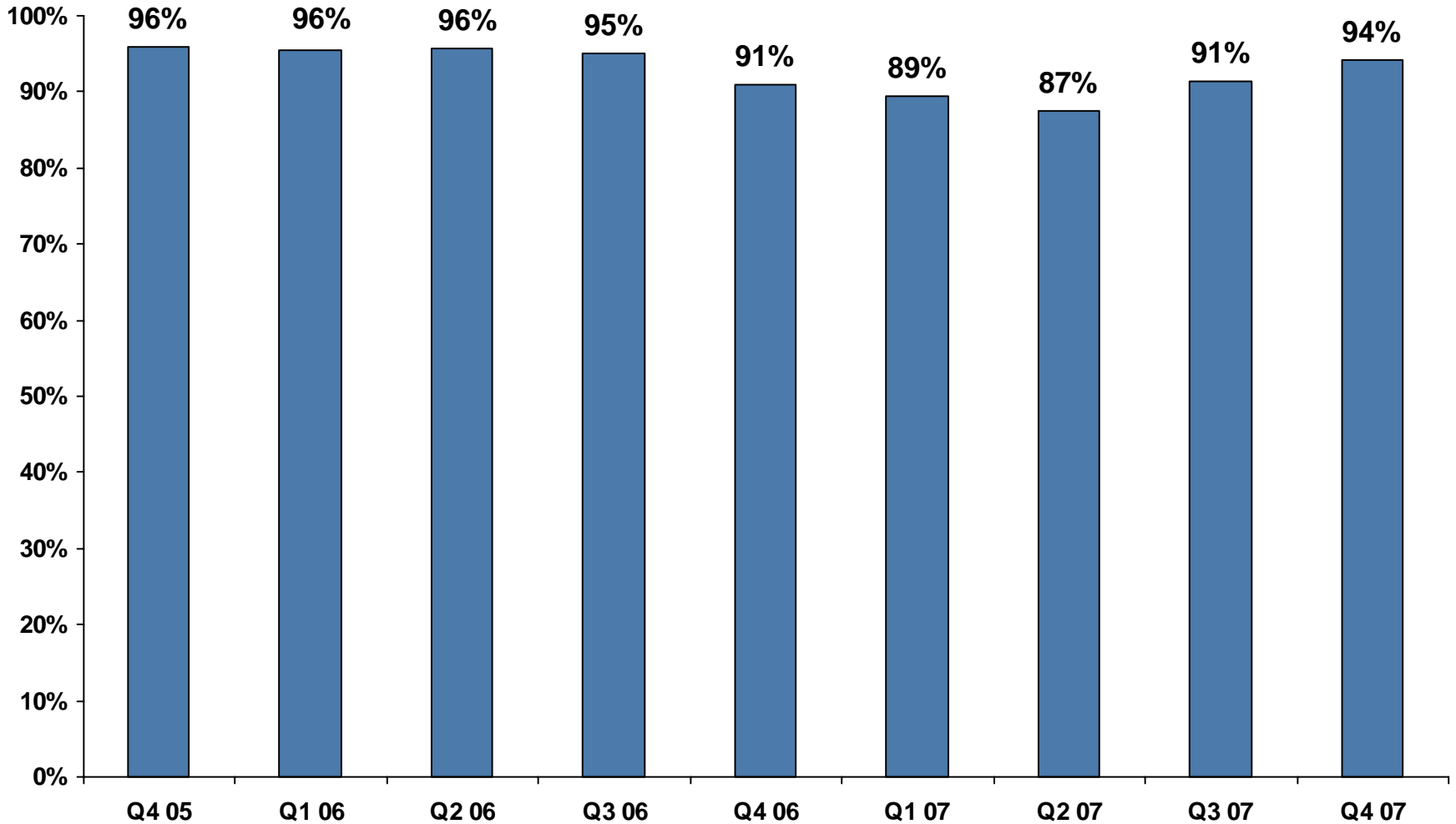
Process Measures

Percentage of patients who received advance care planning education in the last 12 months



Process Measures

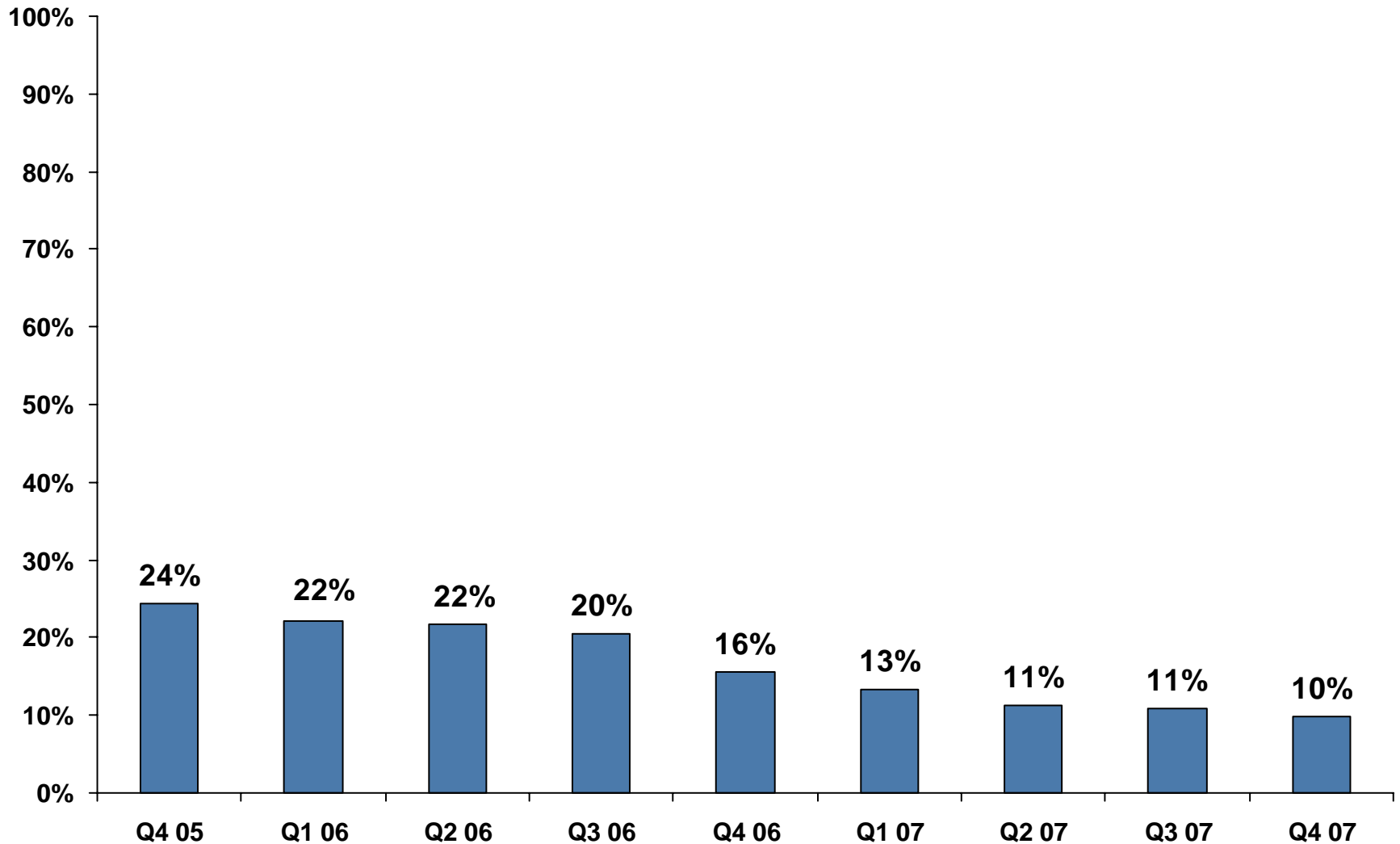
Percentage of patients screened by VHN for clinical depression in the last 12 months*



* Using VillageHealth DM screening survey; excludes patients with a mental health diagnosis, other than depression, that prevents patient from understanding and responding to survey questions

Process Measures

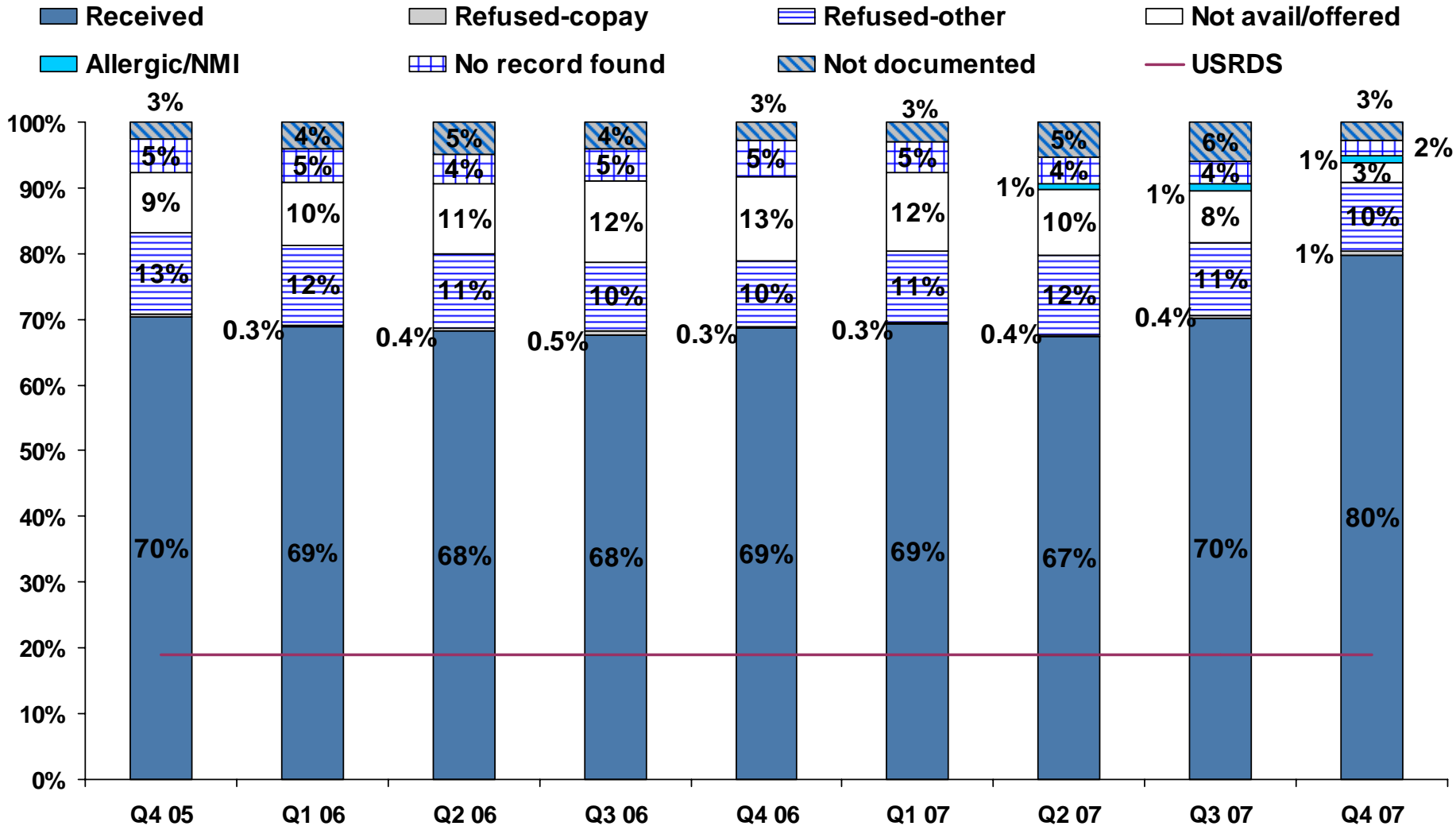
Percentage of patients screened by VHN in the last 12 months identified with clinical depression



* Using VillageHealth DM screening survey and depending on results, the Beck Index

Process Measures

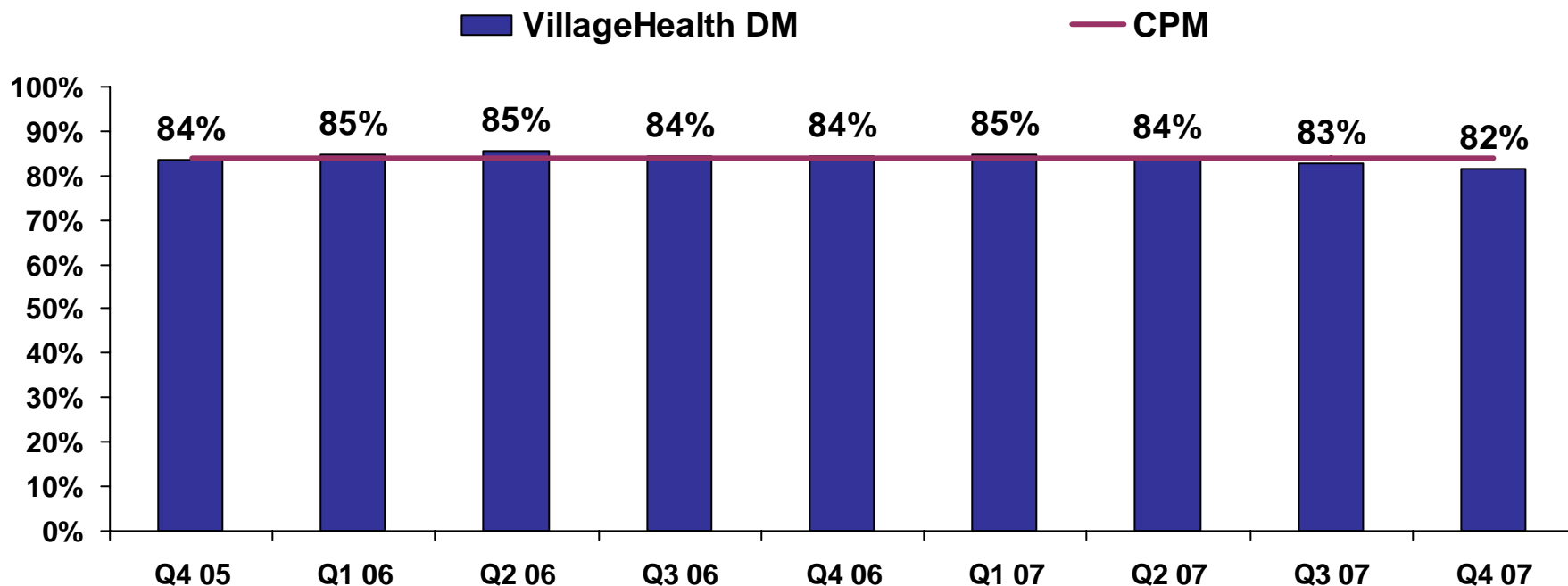
Percentage of patients with a pneumococcal vaccine documented in the last 60 months by category



USRDS 2007 ADR, 19% vaccine received in lifetime

Anemia Management

Percentage of patient months with Hb \geq 11 (g/dL)

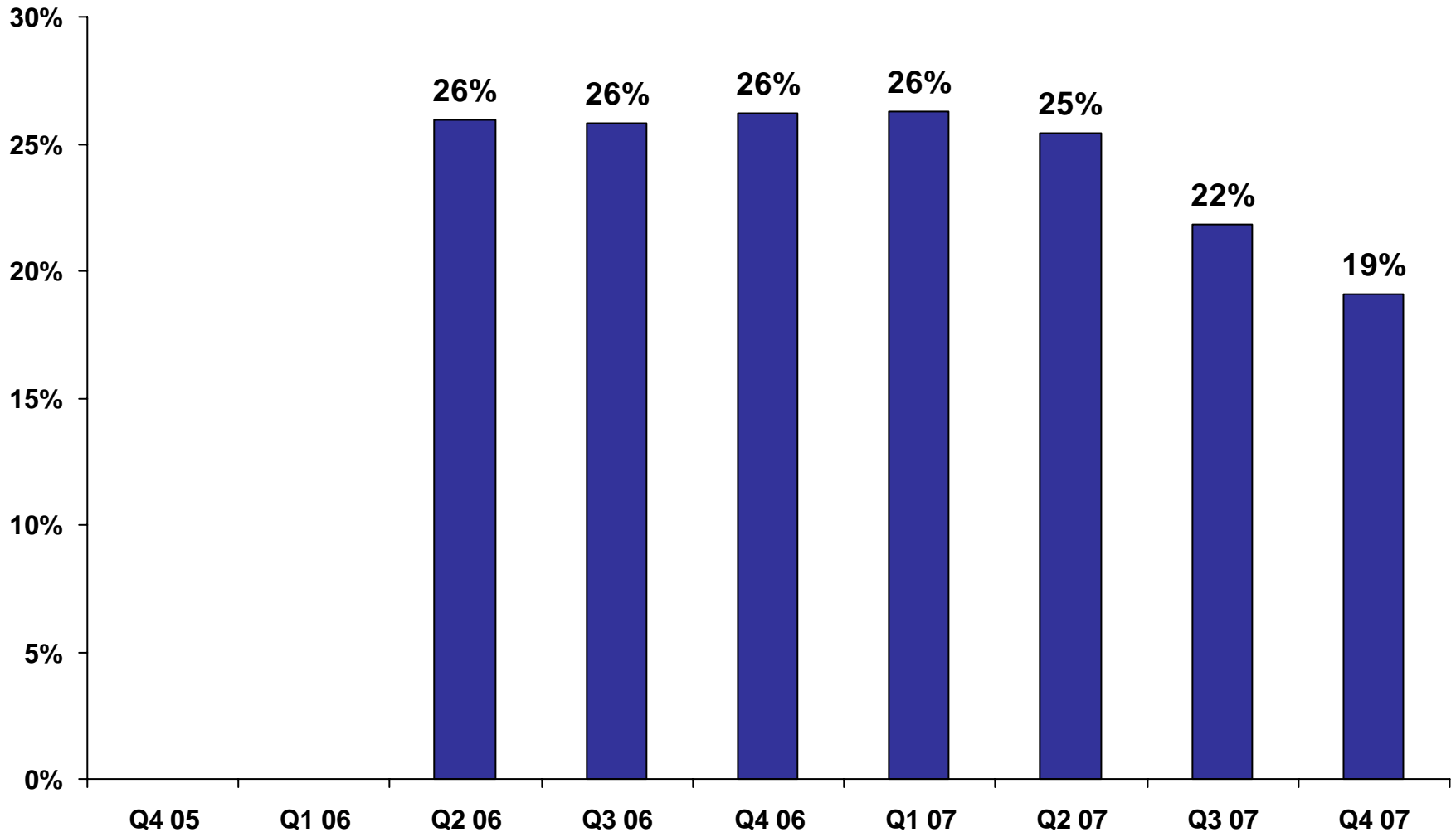


Quarter	N	Mean	Median	Range
Q4 05	5,221	12.1	12.1	9.4 14.7
Q1 06	5,480	12.2	12.2	9.5 14.7
Q2 06	5,941	12.2	12.1	9.5 14.9
Q3 06	6,197	12.2	12.2	9.3 14.9
Q4 06	6,529	12.2	12.2	9.4 15.0
Q1 07	6,760	12.2	12.2	9.4 14.9
Q2 07	7,078	12.1	12.1	9.4 14.9
Q3 07	7,095	12.0	12.0	9.3 14.6
Q4 07	6,214	12.0	12.0	9.3 14.5

CPM from the 2006 Annual Report ESRD Clinical Performance Measure Project. CPM=84%

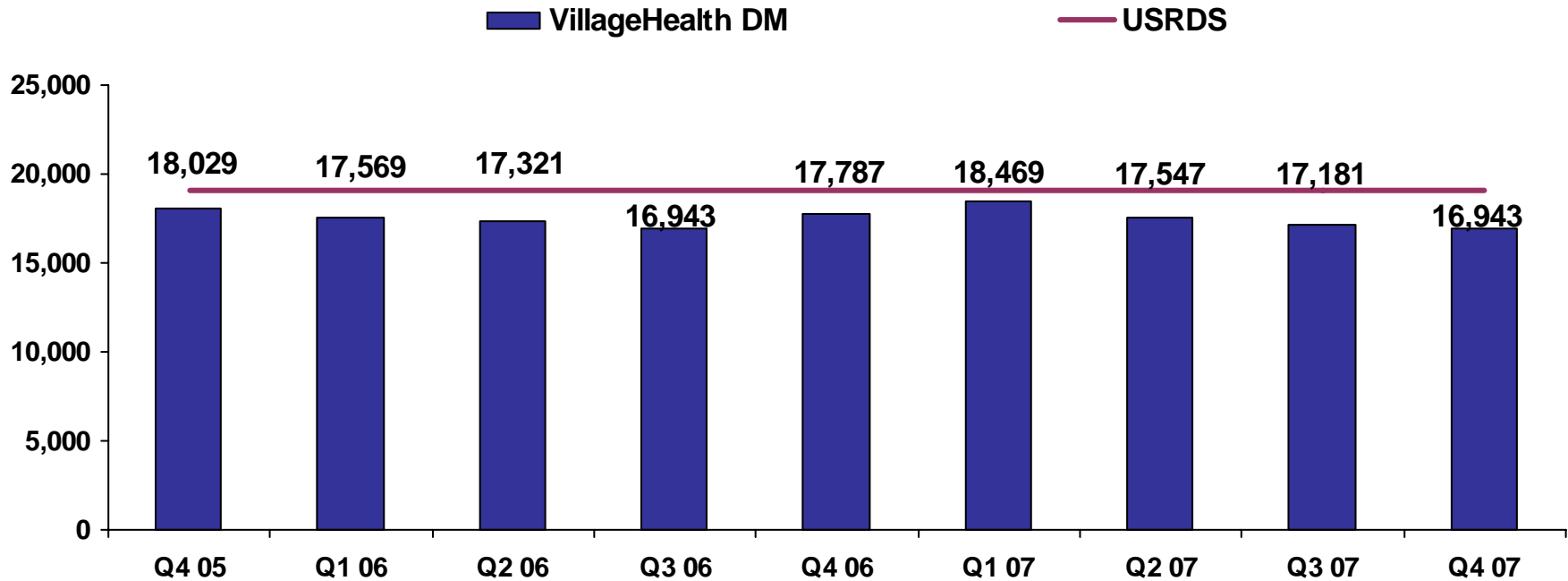
Anemia Management

Percentage of patient months with Hb \geq 13 (g/dL)



Anemia Management

Mean weekly EPO dose (u) delivered*

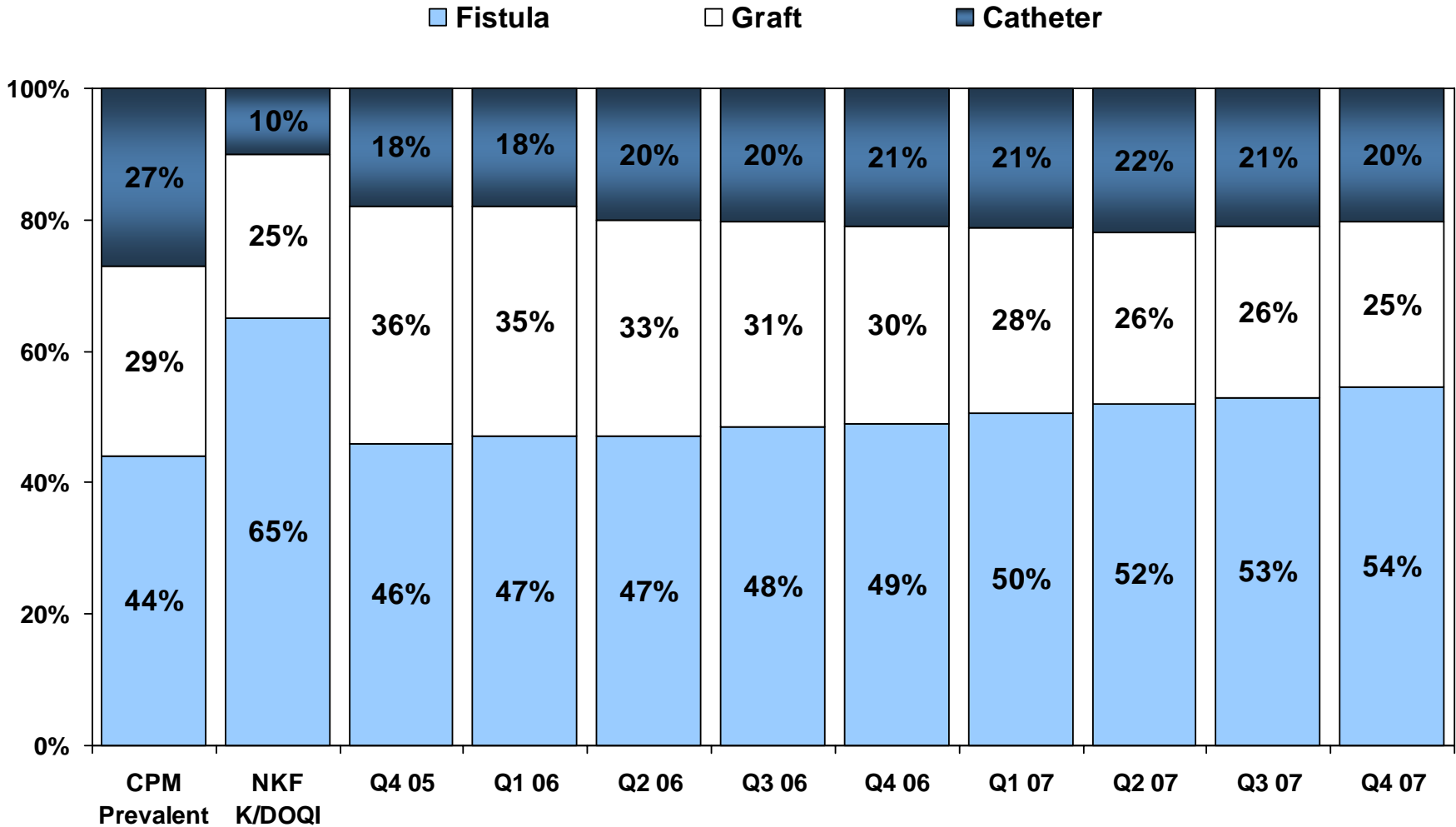


Quarter	N	Mean	Median	Range
Q4 05	5,055	18029	12000	0 75000
Q1 06	5,310	17569	11889	0 72000
Q2 06	5,724	17321	11424	0 72600
Q3 06	5,930	16943	10500	0 72690
Q4 06	6,153	17787	10758	0 79800
Q1 07	5,675	18469	12000	0 84231
Q2 07	5,947	17547	11514	0 75000
Q3 07	5,642	17181	10845	0 75000
Q4 07	5,435	16943	11076	0 72783

* related to outpatient treatment, not inclusive of inpatient and SNF doses
 USRDS 2007 ADR, mean weekly EPO dose=19,100

Vascular Access Management

Percentage of vascular access by type



CPM from the 2006 Annual Report ESRD Clinical Performance Measure Project.

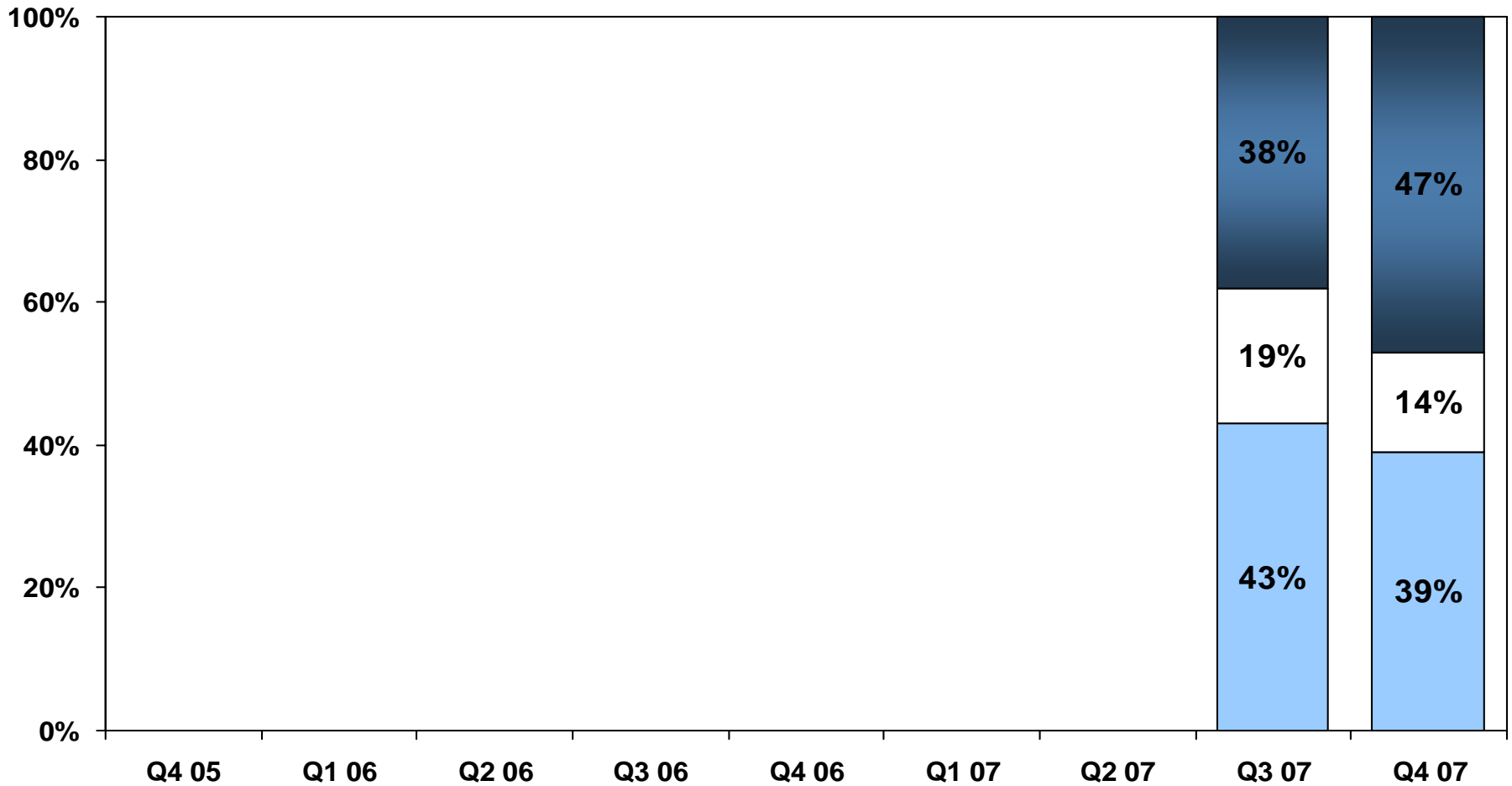
Vascular Access Management

Percentage of vascular access by type – new patients

■ Fistula

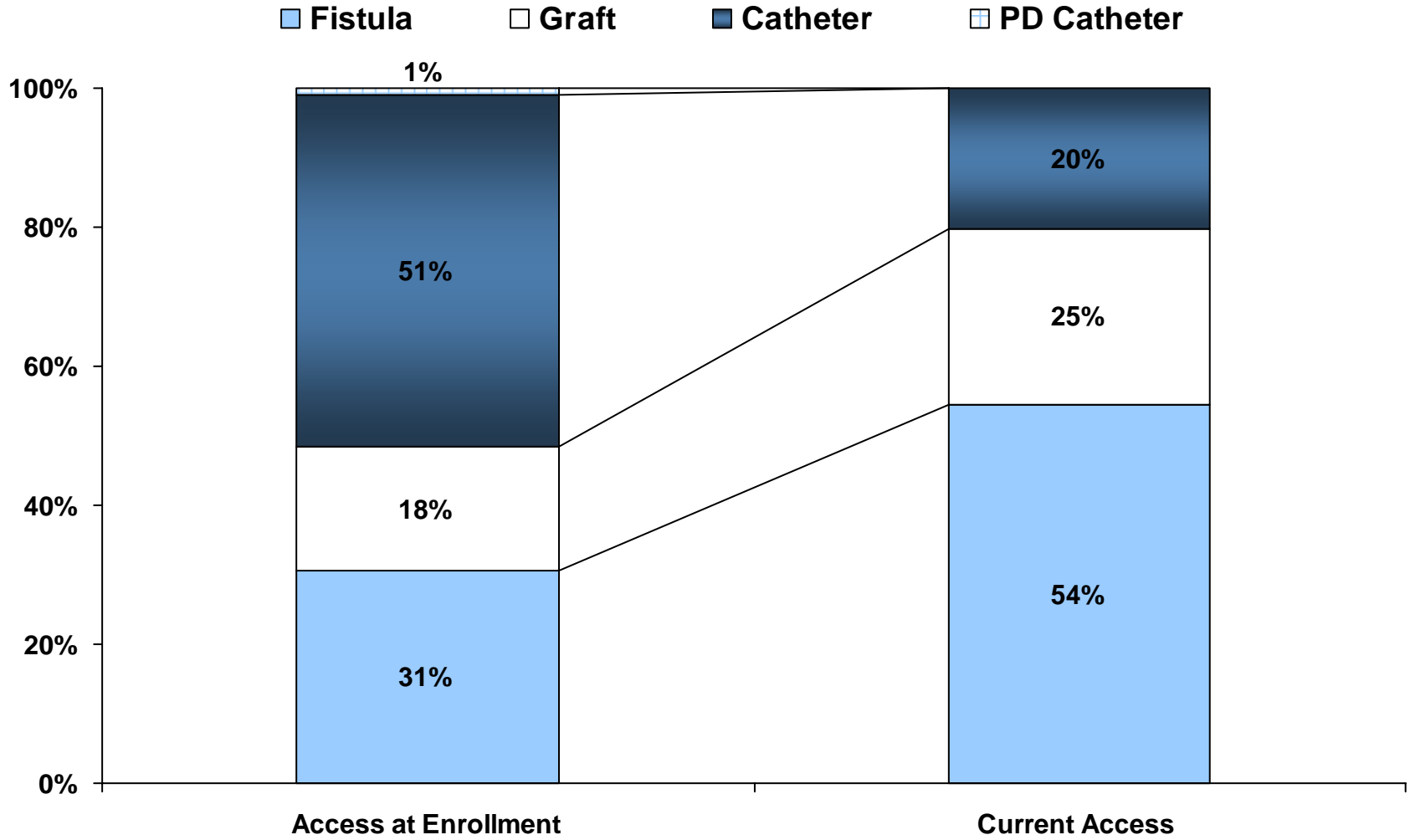
□ Graft

■ Catheter



Vascular Access Management

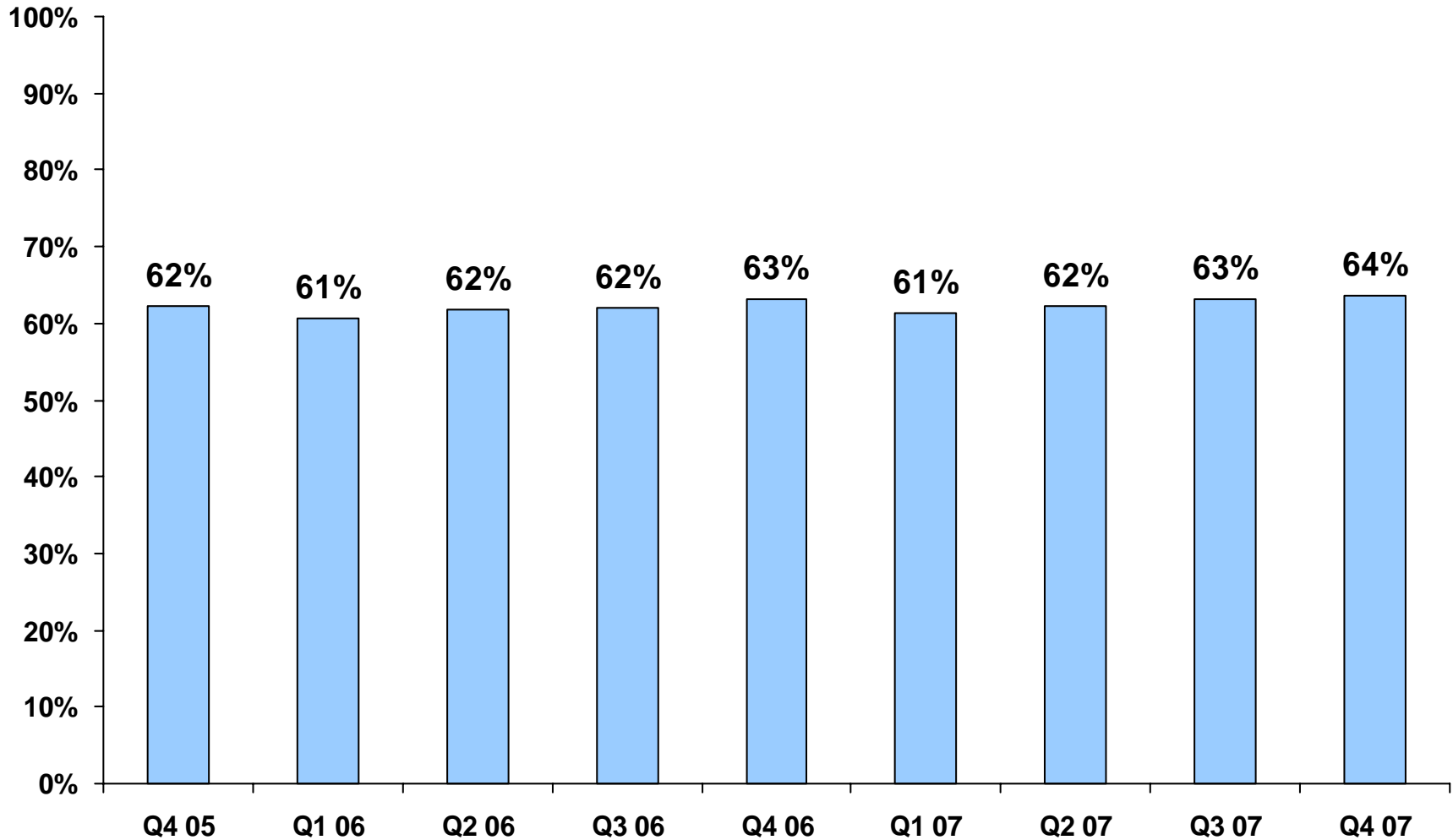
Percentage of vascular access by type – current & at time of enrollment



Current access excludes PD catheters; current vascular access patients may have had PD catheter in place at time of enrollment. Some patients may be excluded from current access if there is no access identified at enrollment.

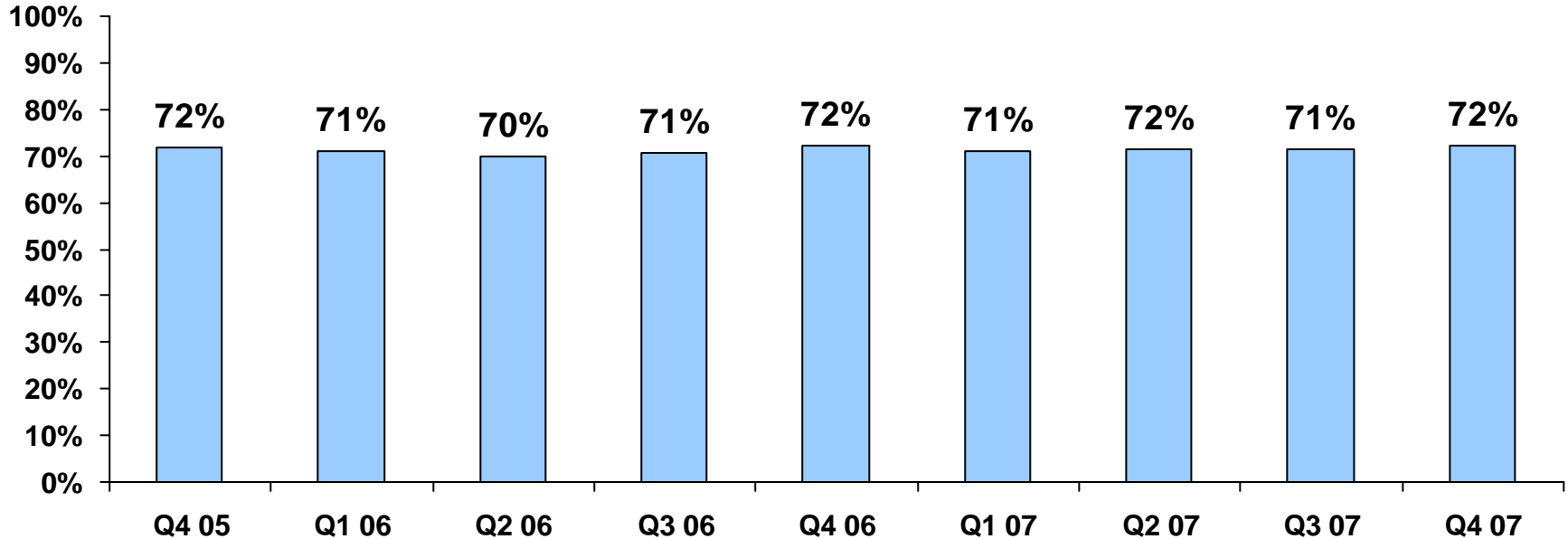
Bone & Mineral Metabolism Management

Percentage of patients with Phosphorus ≤ 5.5 mg/dL



Bone & Mineral Metabolism Management

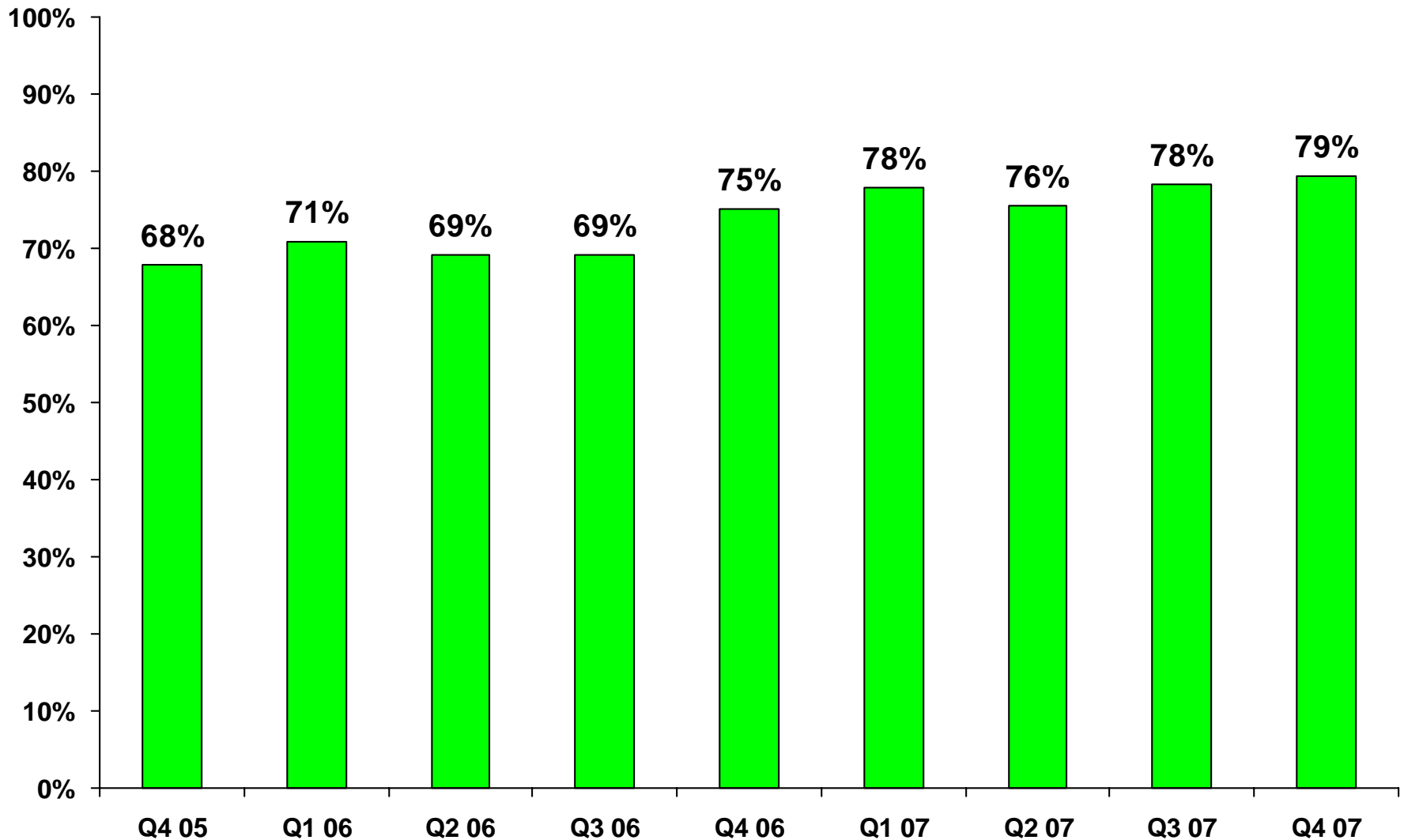
Percentage of patients with $\text{Ca} \times \text{PO}_4 \leq 55$



Quarter	N	Mean	Median	Range	
Q4 05	1,814	48.8	46.9	25.2	82.7
Q1 06	1,957	48.9	47.5	25.1	80.3
Q2 06	2,110	49.2	47.8	24.7	82.8
Q3 06	2,199	49.0	47.3	25.5	83.0
Q4 06	2,323	48.4	46.2	24.9	81.8
Q1 07	2,402	48.7	46.5	25.4	81.9
Q2 07	2,531	48.7	46.9	25.9	83.5
Q3 07	2,521	48.7	46.5	25.7	84.8
Q4 07	2,220	48.1	46.0	24.9	80.0

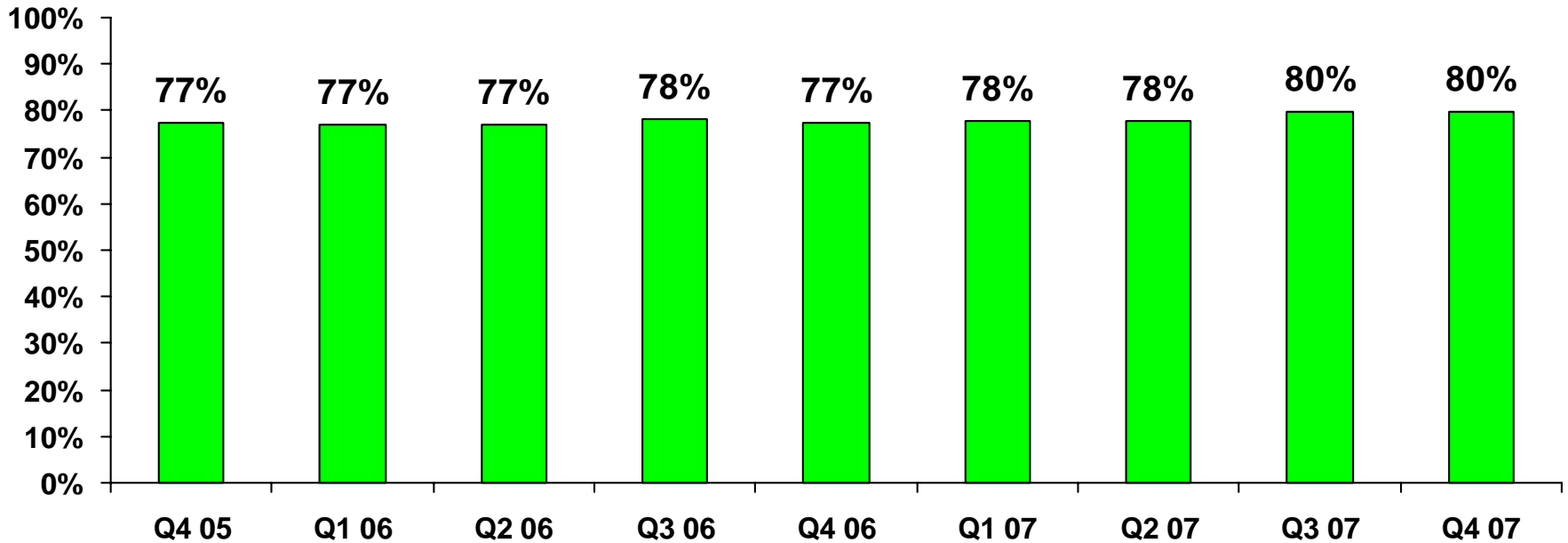
Cardiovascular Disease

Percentage of all patients with LDL measured in the last 12 months



Cardiovascular Disease

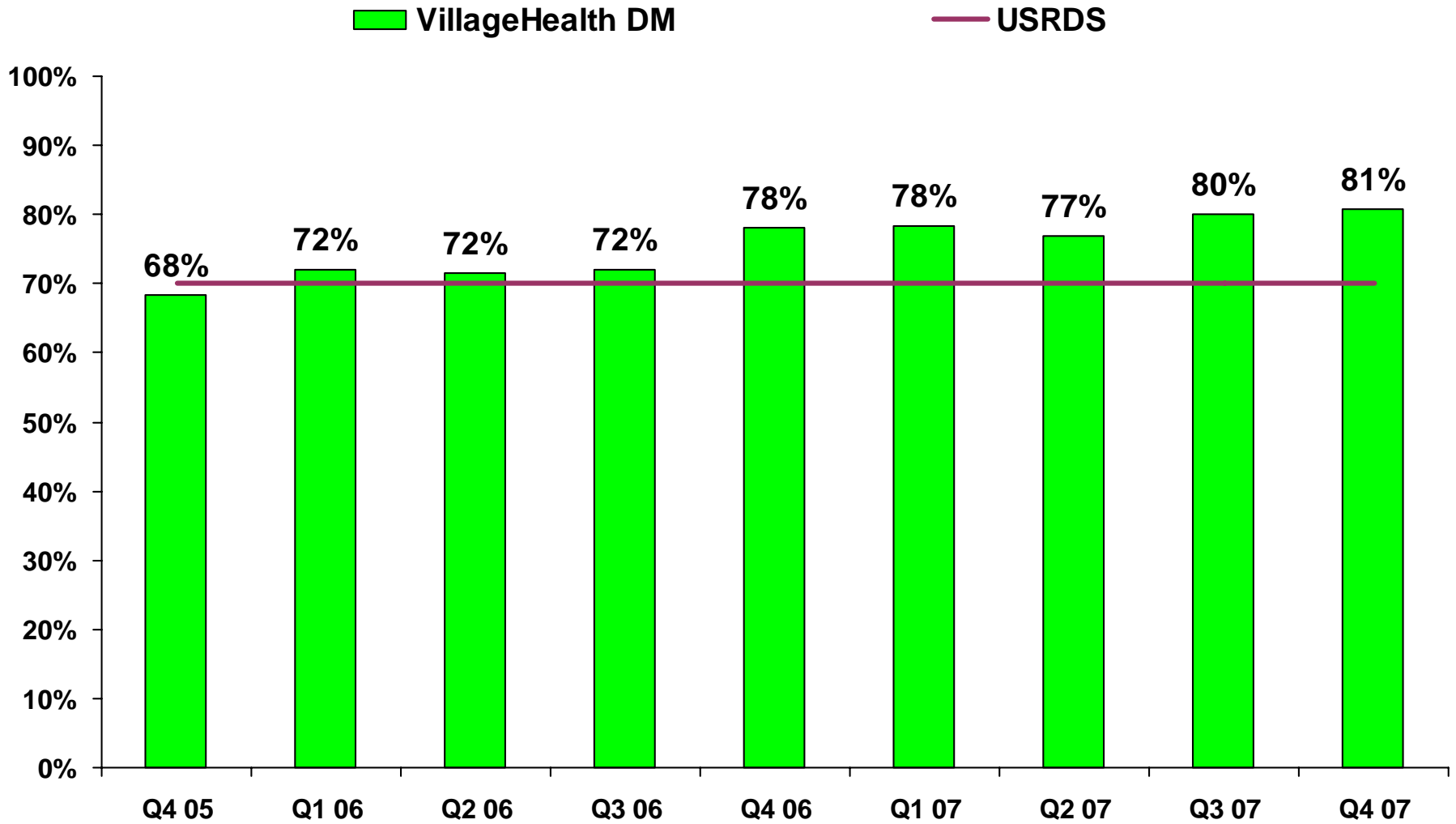
Percentage of patients with most recent measured LDL \leq 100 mg/dL



Quarter	N	Mean	Median	Range
Q4 05	1,335	79	76	25 149
Q1 06	1,521	79	75	25 155
Q2 06	1,572	79	75	26 154
Q3 06	1,636	79	74	25 156
Q4 06	1,867	78	74	22 160
Q1 07	2,051	78	74	22 155
Q2 07	2,073	79	76	26 155
Q3 07	2,133	77	74	26 150
Q4 07	1,922	77	74	25 153

Cardiovascular Disease

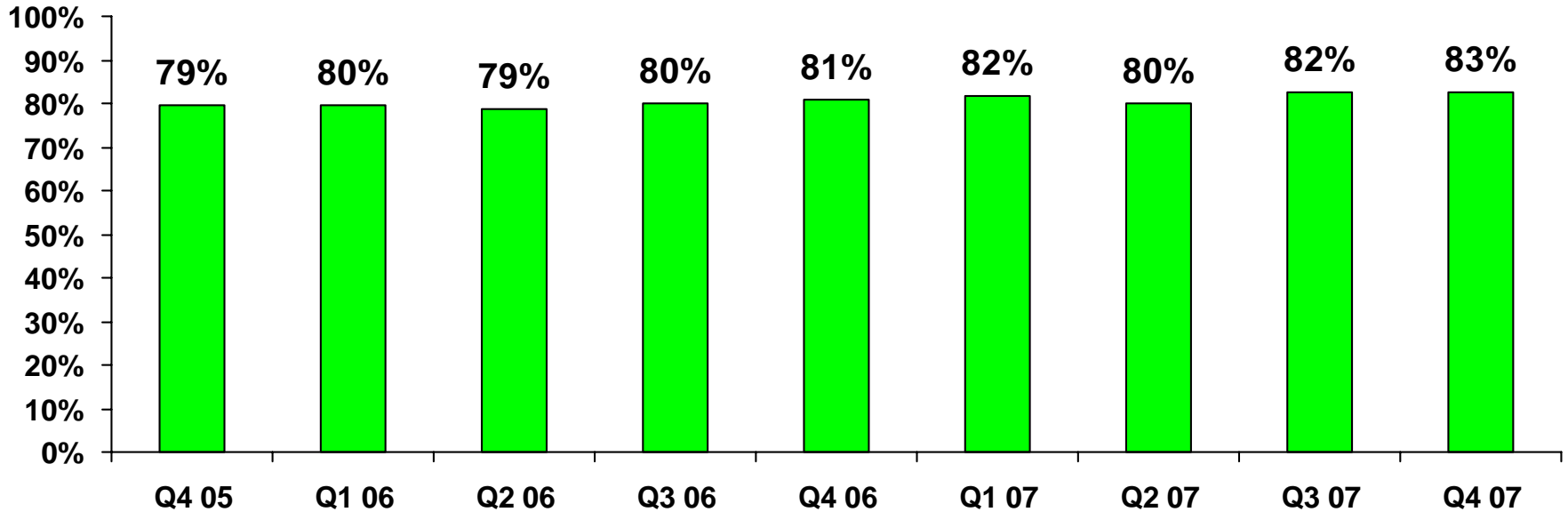
Percentage of diabetic patients with LDL measured in the last 12 months



USRDS 2007 ADR, LDL measured=70%

Cardiovascular Disease

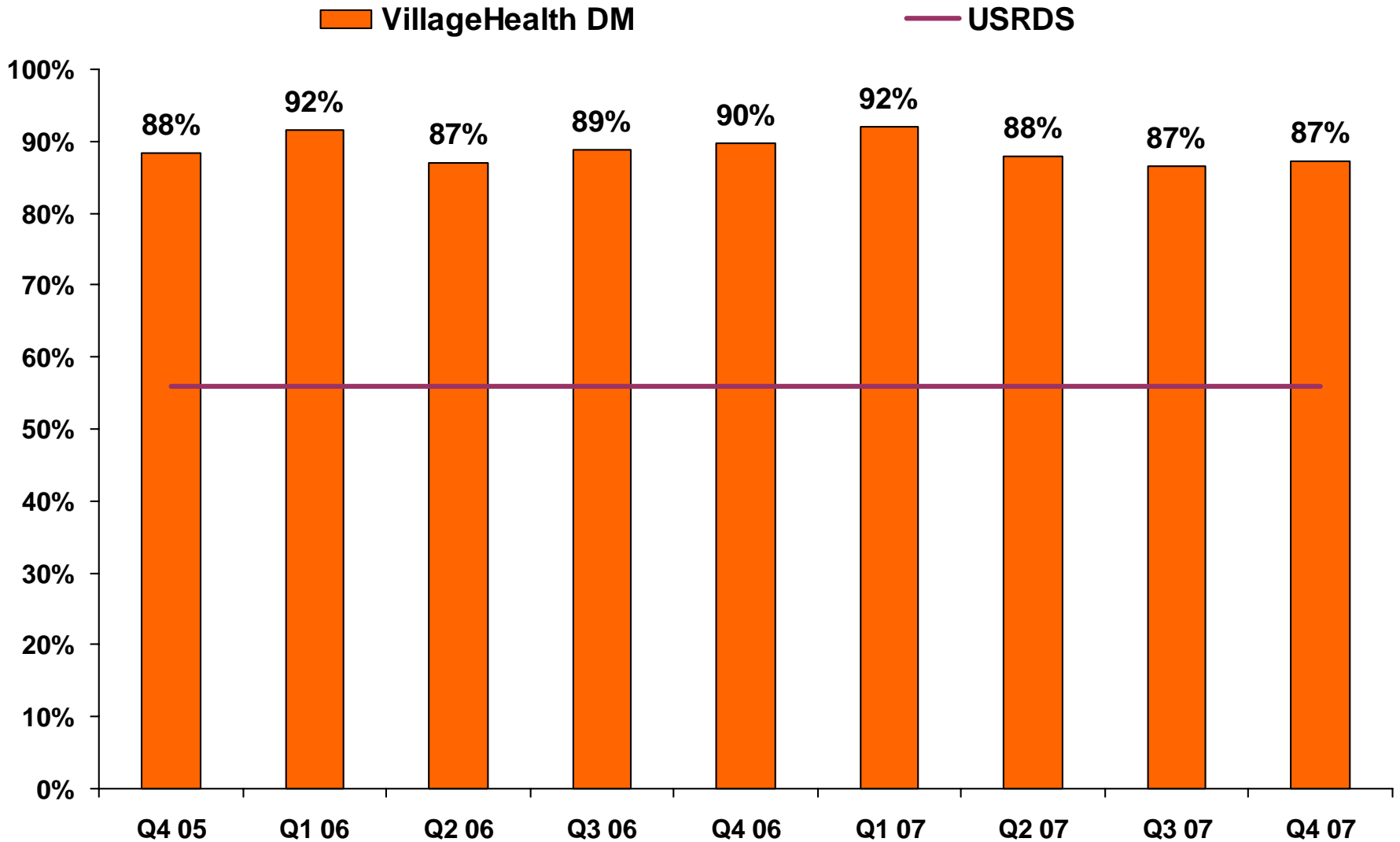
Percentage of diabetic patients with most recent measured LDL \leq 100 mg/dL



Quarter	N	Mean	Median	Range
Q4 05	791	77	73	23 147
Q1 06	899	76	72	23 147
Q2 06	935	77	73	25 148
Q3 06	965	76	70	24 152
Q4 06	1,100	75	69	19 156
Q1 07	1,163	74	71	18 151
Q2 07	1,166	77	73	24 147
Q3 07	1,190	75	71	26 147
Q4 07	1,077	74	70	24 147

Diabetes Management

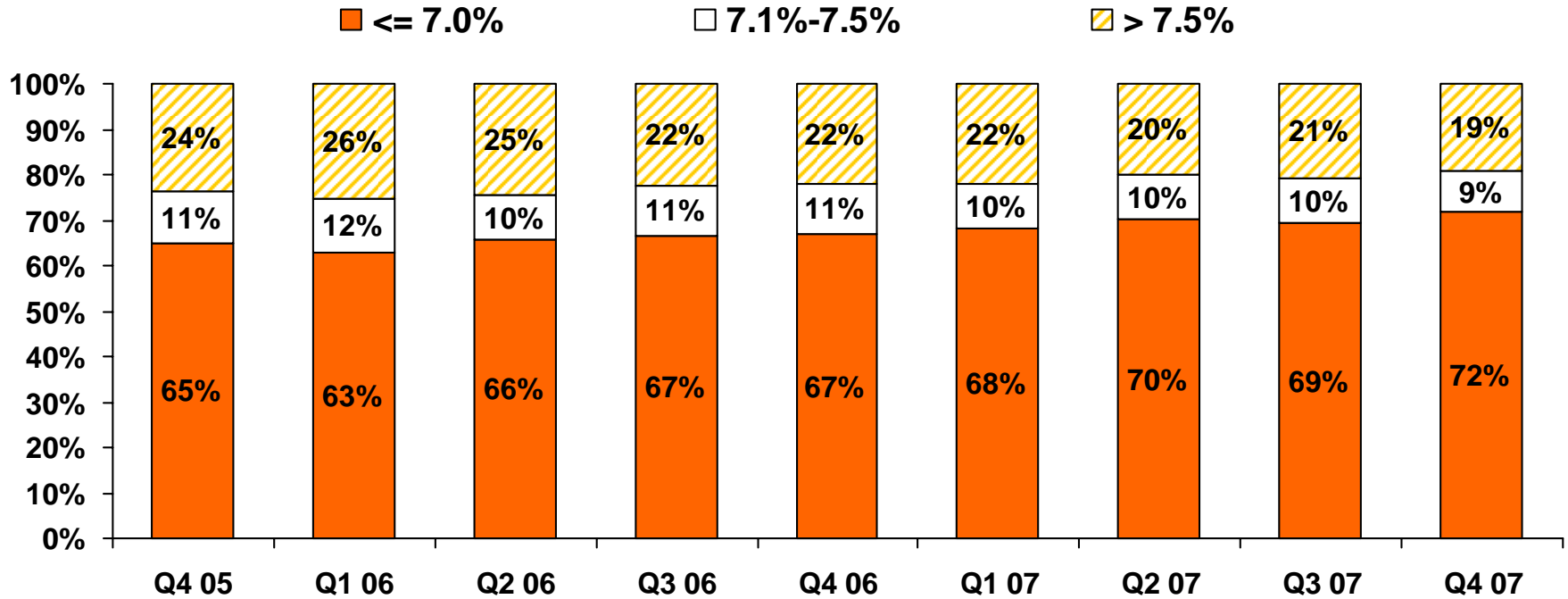
Percentage of diabetic patients with at least one A1C in the quarter*



*excludes diabetic patients active less than 3 months in the quarter
 USRDS 2007 ADR, A1C measured=56%

Diabetes Management

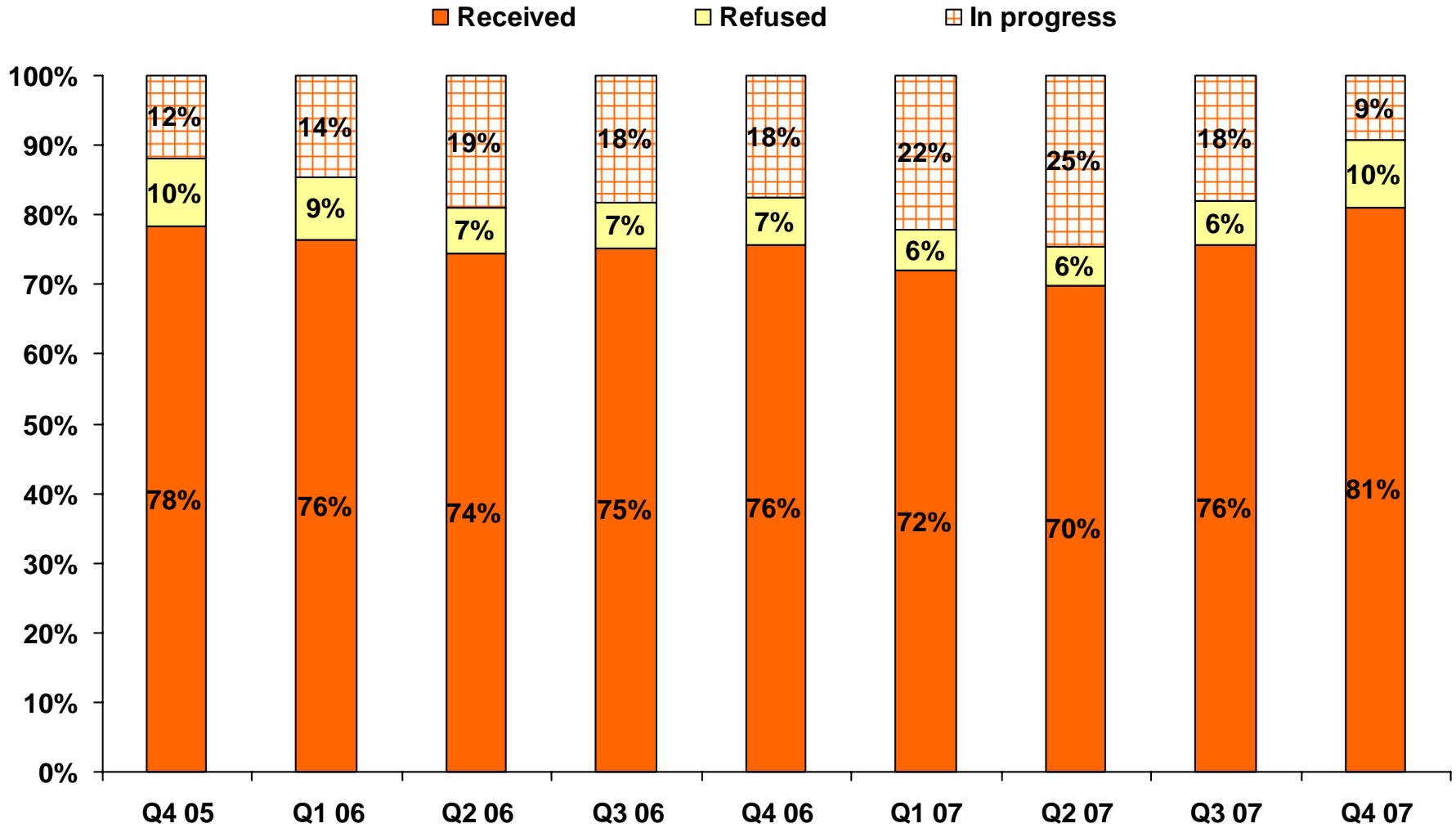
Percentage of diabetic patients by A1C value



Quarter	N	Mean	Median	Range	
Q4 05	926	6.8	6.5	4.8	10.9
Q1 06	980	6.8	6.5	4.7	10.7
Q2 06	1,013	6.8	6.5	4.7	10.9
Q3 06	1,065	6.7	6.4	4.7	10.3
Q4 06	1,140	6.7	6.4	4.7	10.5
Q1 07	1,180	6.7	6.5	4.8	10.1
Q2 07	1,204	6.7	6.4	4.8	10.1
Q3 07	1,161	6.7	6.4	4.8	10.0
Q4 07	1,087	6.6	6.3	4.7	10.0

Diabetes Management

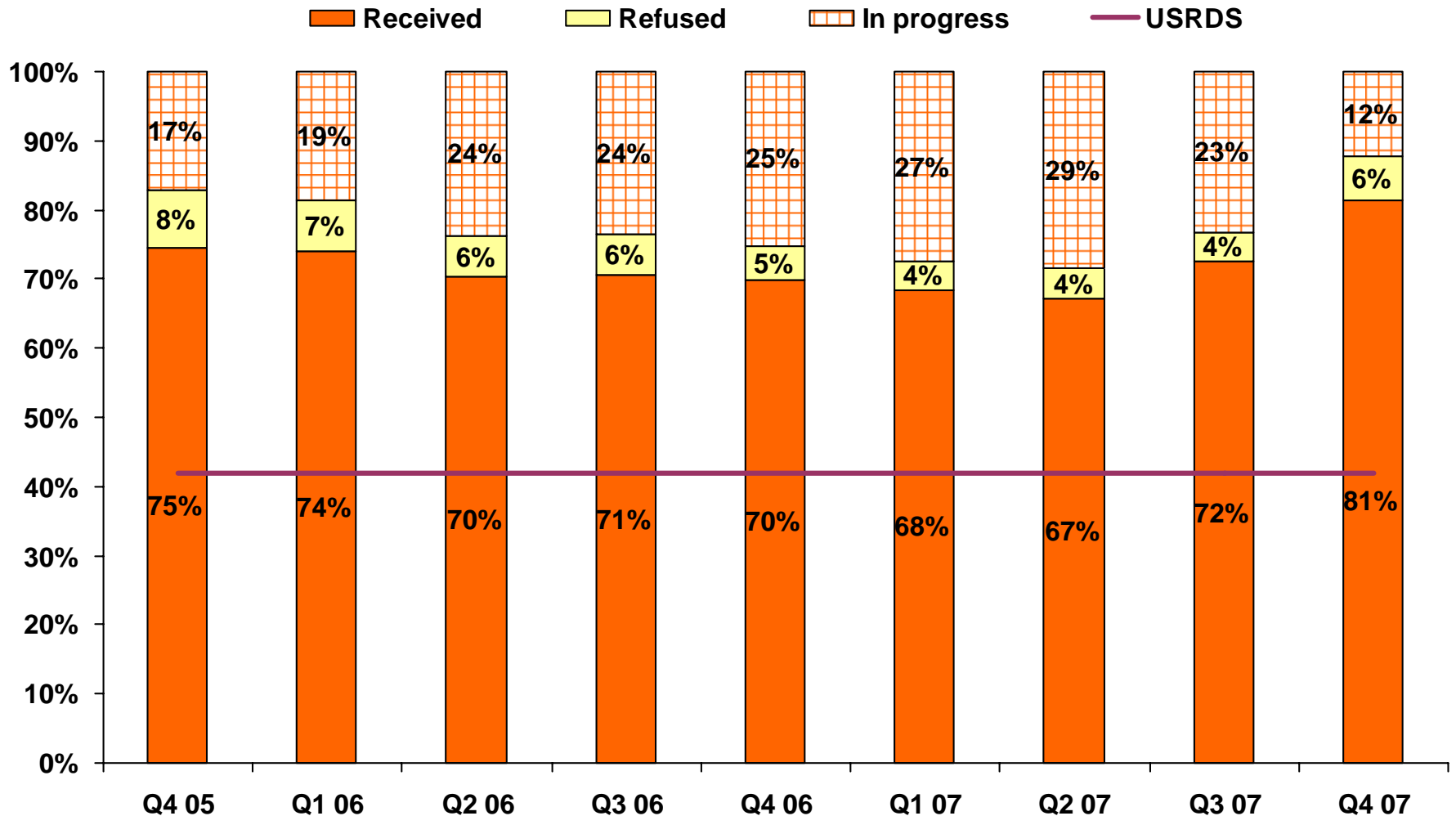
Percentage of diabetic patients with podiatric screening foot exam in the last 12 months by category*



*performed by podiatrist, PCP, PCN or other qualified health professional
 "In progress" includes education, referral and unknown.

Diabetes Management

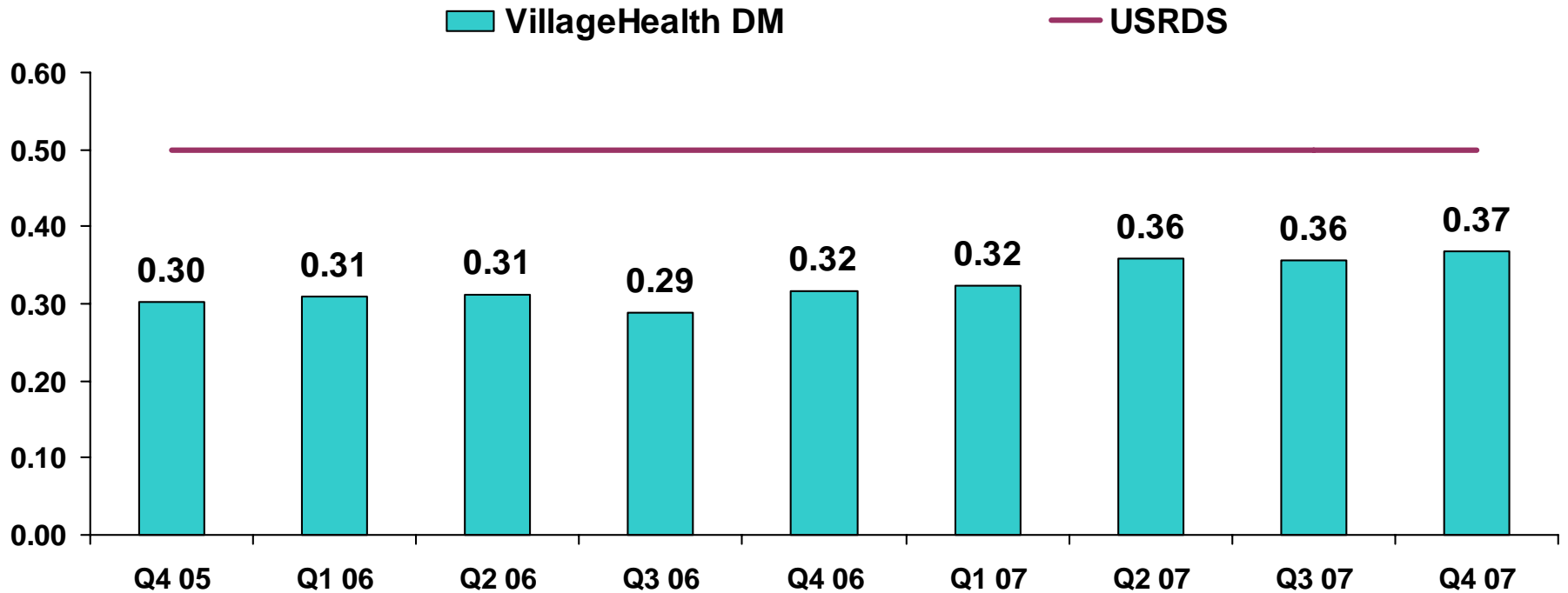
Percentage of diabetic patients with dilated retinal exam by optometrist/ophthalmologist in the last 12 months by category



"In progress" includes education, referral and unknown.
 USRDS 2007 ADR, exam in last 24 months=42%

Hospital Utilization

Hospital admits (per pt/qtr)

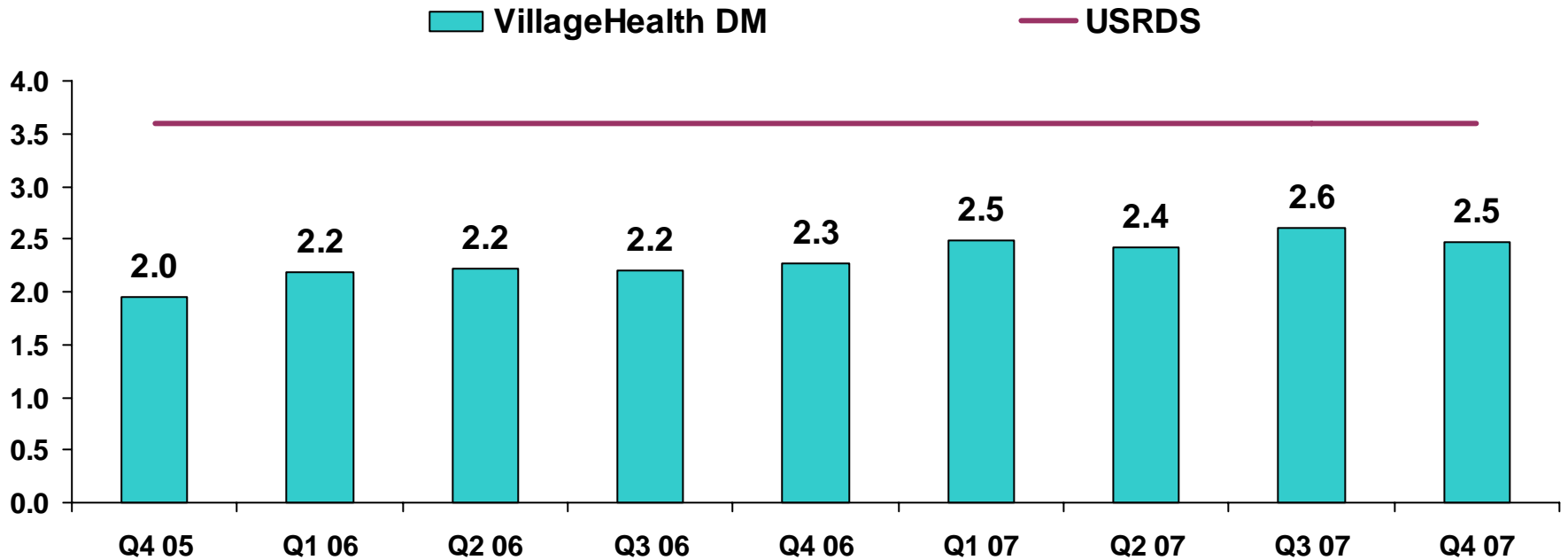


Quarter	N	# Of Admits	Admission Rate
Q4 05	1,965	595	0.30
Q1 06	2,145	664	0.31
Q2 06	2,272	706	0.31
Q3 06	2,364	683	0.29
Q4 06	2,485	786	0.32
Q1 07	2,635	850	0.32
Q2 07	2,742	986	0.36
Q3 07	2,723	967	0.36
Q4 07	2,419	890	0.37

USRDS 2007 ADR, admit rate=0.5

Hospital Utilization

Bed days (per pt/qtr)

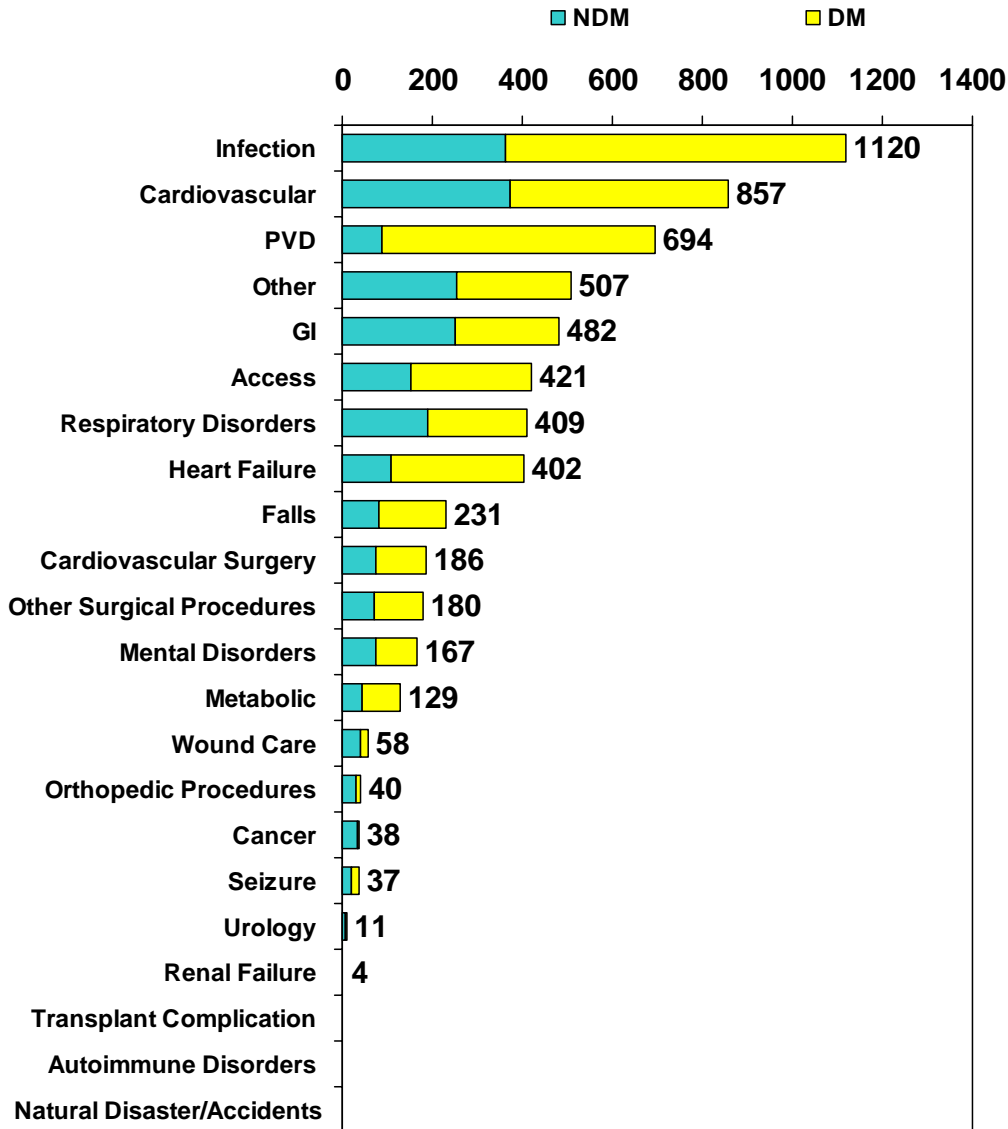


Quarter	N	# Of IP Days	IP Days Rate
Q4 05	1,965	3,841	2.0
Q1 06	2,145	4,669	2.2
Q2 06	2,272	5,044	2.2
Q3 06	2,364	5,186	2.2
Q4 06	2,485	5,657	2.3
Q1 07	2,635	6,543	2.5
Q2 07	2,742	6,648	2.4
Q3 07	2,723	7,098	2.6
Q4 07	2,419	5,973	2.5

USRDS 2007 ADR, bed days rate=3.6

Hospital Utilization

Bed days by reason and diabetic status



Reason	# of Admissions	
	NDM	DM
Infection	43	84
Cardiovascular	72	77
PVD	9	49
Other	44	51
GI	39	51
Access	34	57
Respiratory Disorders	20	22
Heart Failure	32	47
Falls	10	17
Cardiovascular Surgery	7	12
Other Surgical Procedures	8	12
Mental Disorders	13	11
Metabolic	13	25
Wound Care	2	5
Orthopedic Procedures	4	2
Cancer	4	1
Seizure	5	4
Urology	2	1
Renal Failure	.	1
Transplant Complication	.	.
Autoimmune Disorders	.	.
Natural Disaster/Accidents	.	.