



Care Coordination/HomeTelehealth in VA - Making the Home the Preferred Place of Care

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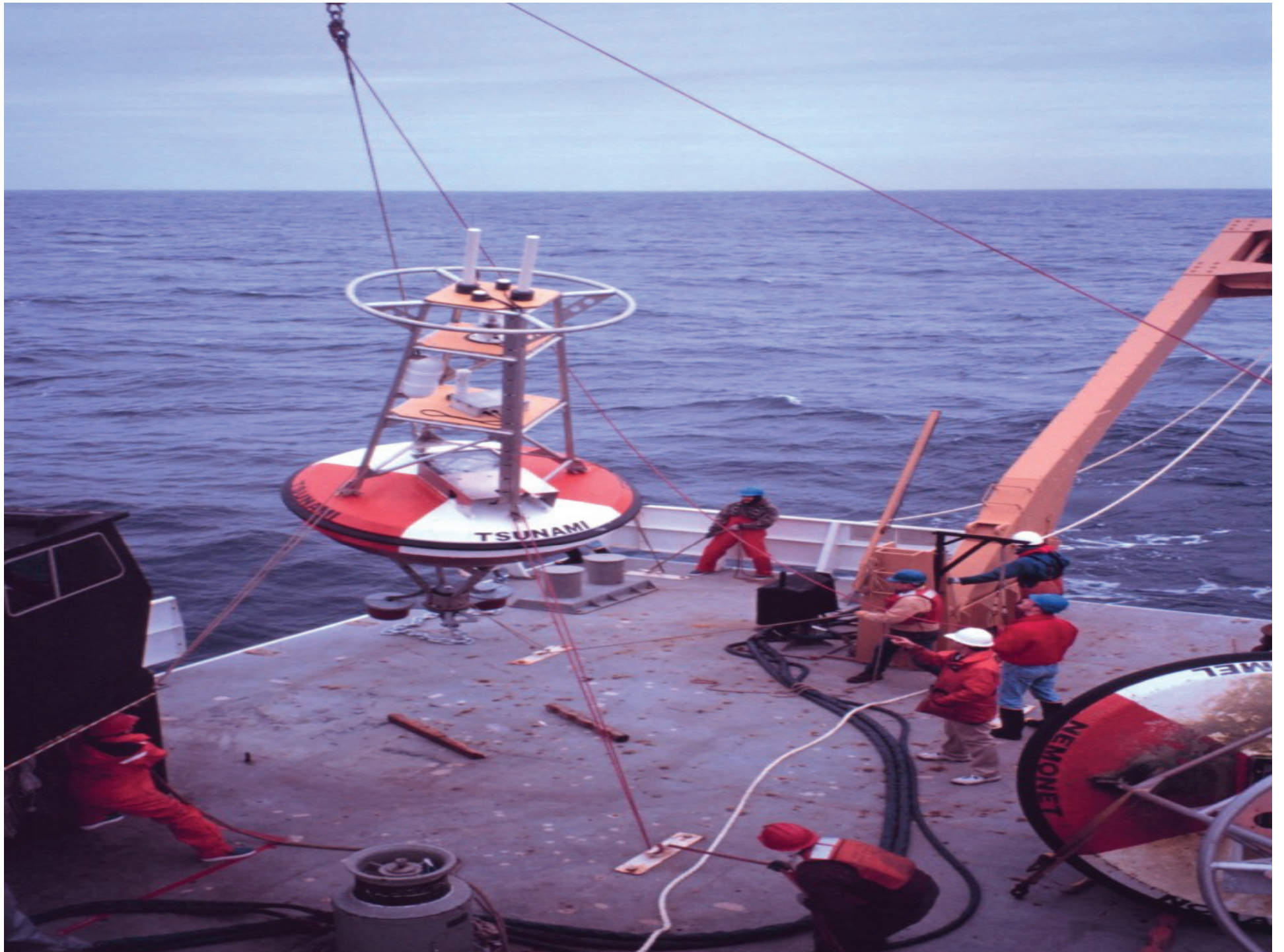
TELEHEALTH IN VHA

General “Real-Time” Telehealth (CCGT)

Home Telehealth (CCHT)

Store-and-Forward (CCSF)







Veteran Population Age 85 and Over 2000-2020

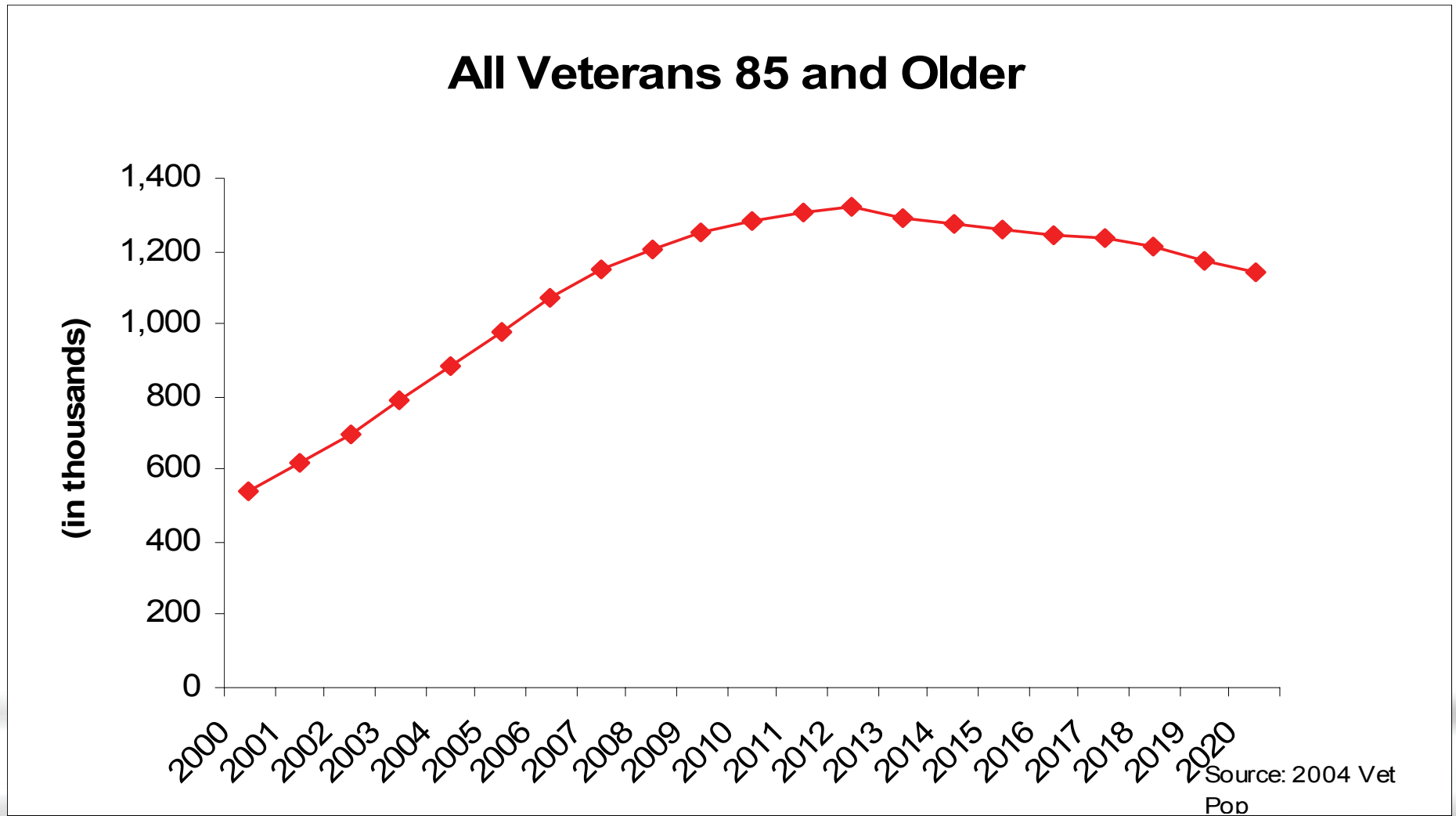
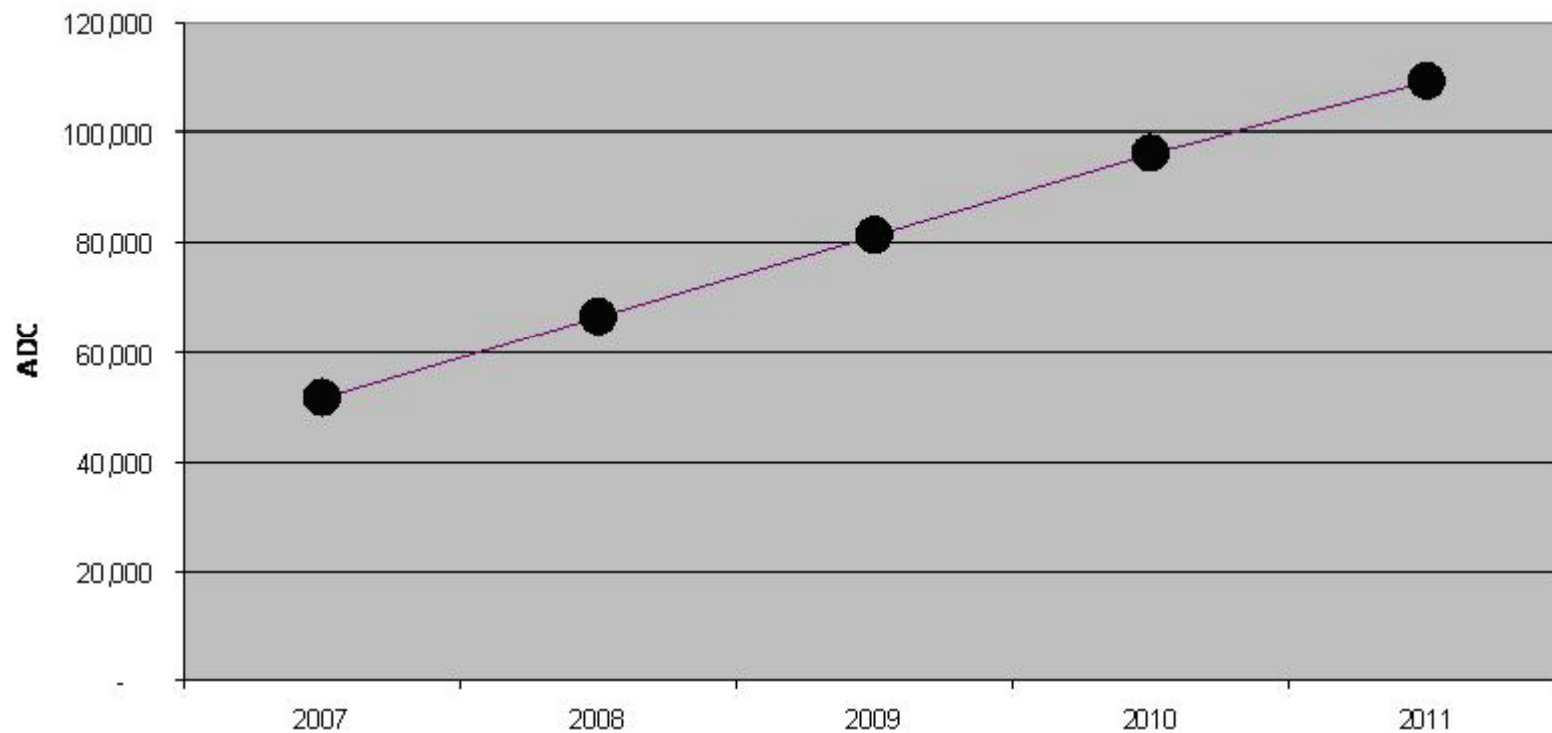


Figure 2. Projected Non-Institutional Care Provision FY2007-2011



ADC = Average Daily Census



Care Coordination/Home Telehealth

- **Mission:** To ensure the right patient receives the right care in the right place at the right time.
- **Vision:** To change the location of care whenever safe, appropriate and cost-effective with the intent of making the home and local community the preferred place of care for veteran patients if this is their preference.





Care Coordination/Home Telehealth

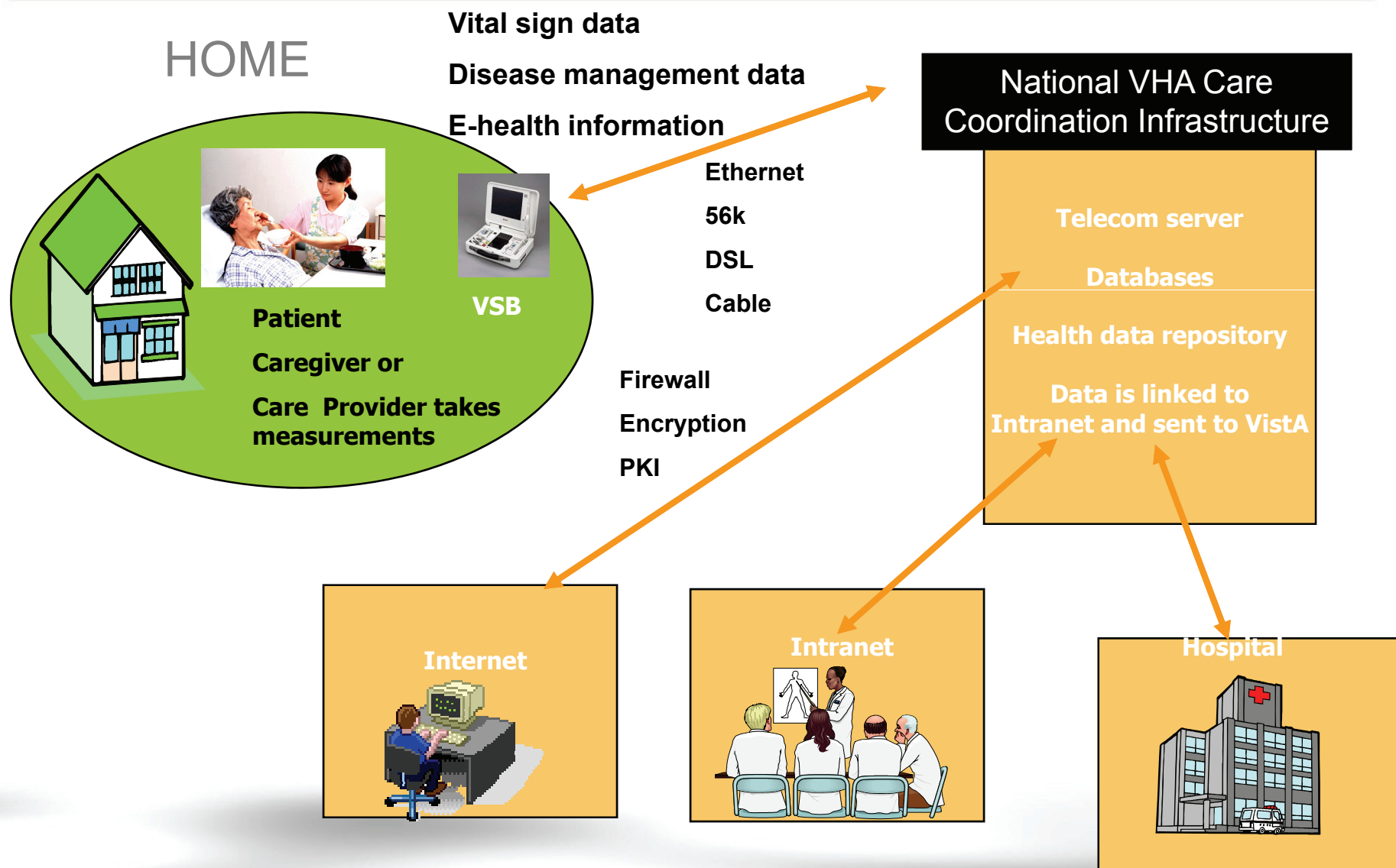


Table 1.
**Care Coordination Patient Census (Point Prevalence) by Year with
 Percentage Change Over Preceding Year FY03-7**

Year	Census	Change From Previous Year
FY03	2,000	n.a.
FY04	4,430	121%
FY05	8,922	101%
FY06	21,572	142%
FY07	31,570	46%

Table 2**Reasons for CCHT Care by Disease Management Protocol (DMP)**

Condition (DMP)	Number of Patients	Percentage of Total Patients
Diabetes	21,047	48.4%
HTN	17,528	40.3%
CHF	10,800	24.8%
COPD	5,069	11.6%
Depression	1,039	2.3%
PTSD	498	1.1%
Other Mental Health (Not PTSD or Depression)	545	1.2%
Single Condition	28,948	66.6%
Multiple Conditions	14,484	33.3%
No Condition	0	0%

Figure 4

Age Distribution of CCHT Patients (Outcomes Analysis Cohort)

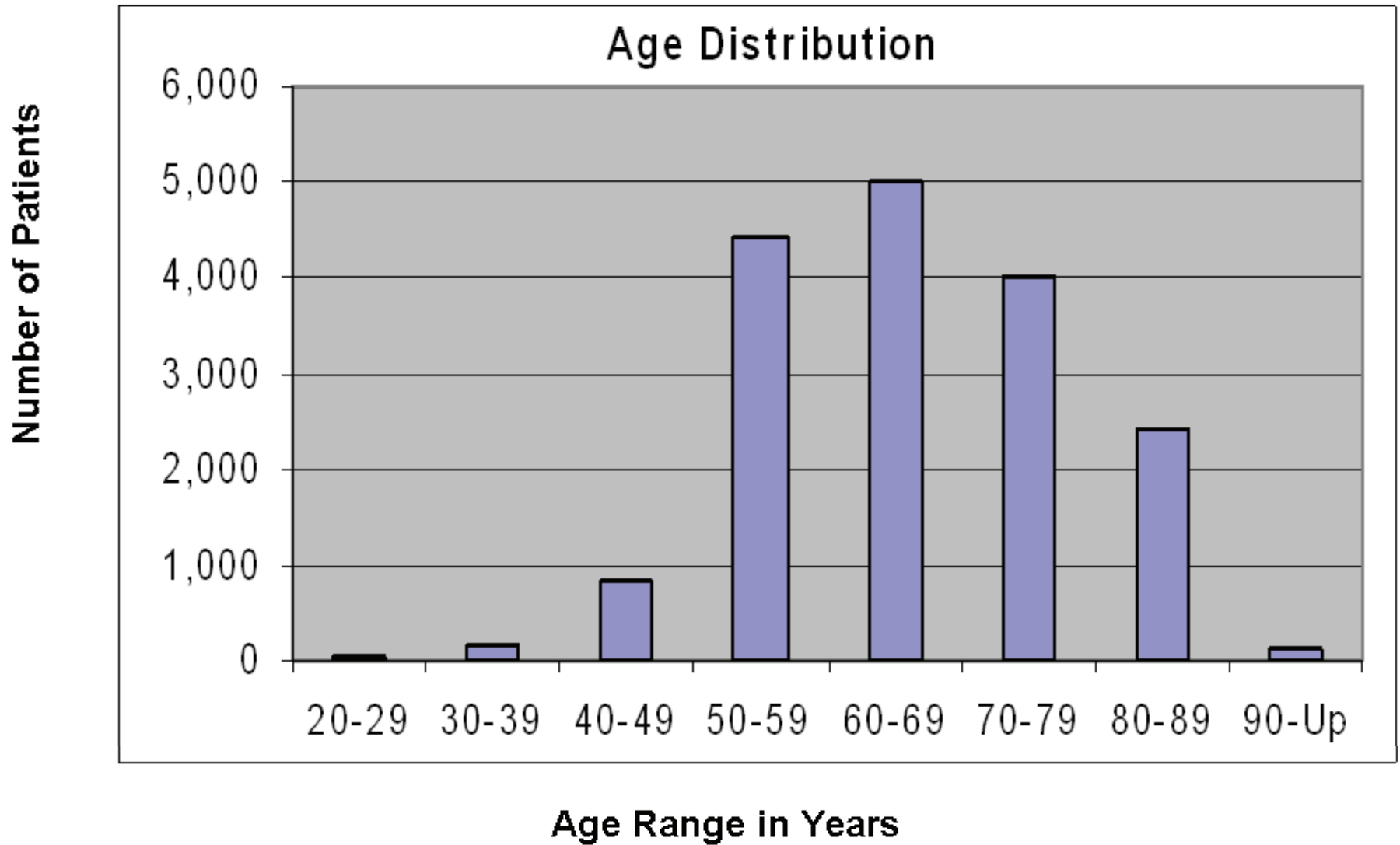


Table 4

Reduction in Utilization by Patient Location (Urban, Rural or Highly Rural Area)

Location	Number of Patients	% Decrease in Utilization
Urban	9880	29.2
Rural	6782	17
Highly Rural	294	50.1
Unknown	60	101

Utilization Measure = Bed Days of Care

Table 5**Reduction in Utilization by condition monitored (single and multiple diagnoses)**

Condition	Number of Patients	% Decrease in Utilization
Diabetes	8954	20.4
Hypertension	7447	30.3
Chronic Heart Failure	4089	25.9
Chronic Obstructive Pulmonary Disease	1963	20.7
Post Traumatic Stress Disorder	129	45.1
Depression	337	56.4
Other Mental Health Condition	653	40.9
Single Condition	10885	24.8
Multiple Conditions	6140	26.0

Utilization Measure = Bed Days of Care



Summary Outcomes

Program	Admissions	BDOC	Health Status	Satisfaction	Cost
CCHT	↓ 20%	↓ 25%	VR12	86%	\$1,600 p.a

Outcomes data for a cohort of 17,025 CCHT patients comparing 6 months post entry into program with previous indices. *Source routine CCHT data for program management*









SUPPORTING INFRASTRUCTURE

Program	Training	COPs	Dashboard	IT (Home)	IT (VHA)
CCHT	6,000 Staff	21 VISNs	21 VISNs	COTS	Enterprise





COLLABORATIONS

