

Capital Asset Realignment for Enhanced Services

Demand Forecast for VA Hudson Valley HCS

Presentation to Local Advisory Panel





VA Hudson Valley Health Care System Background

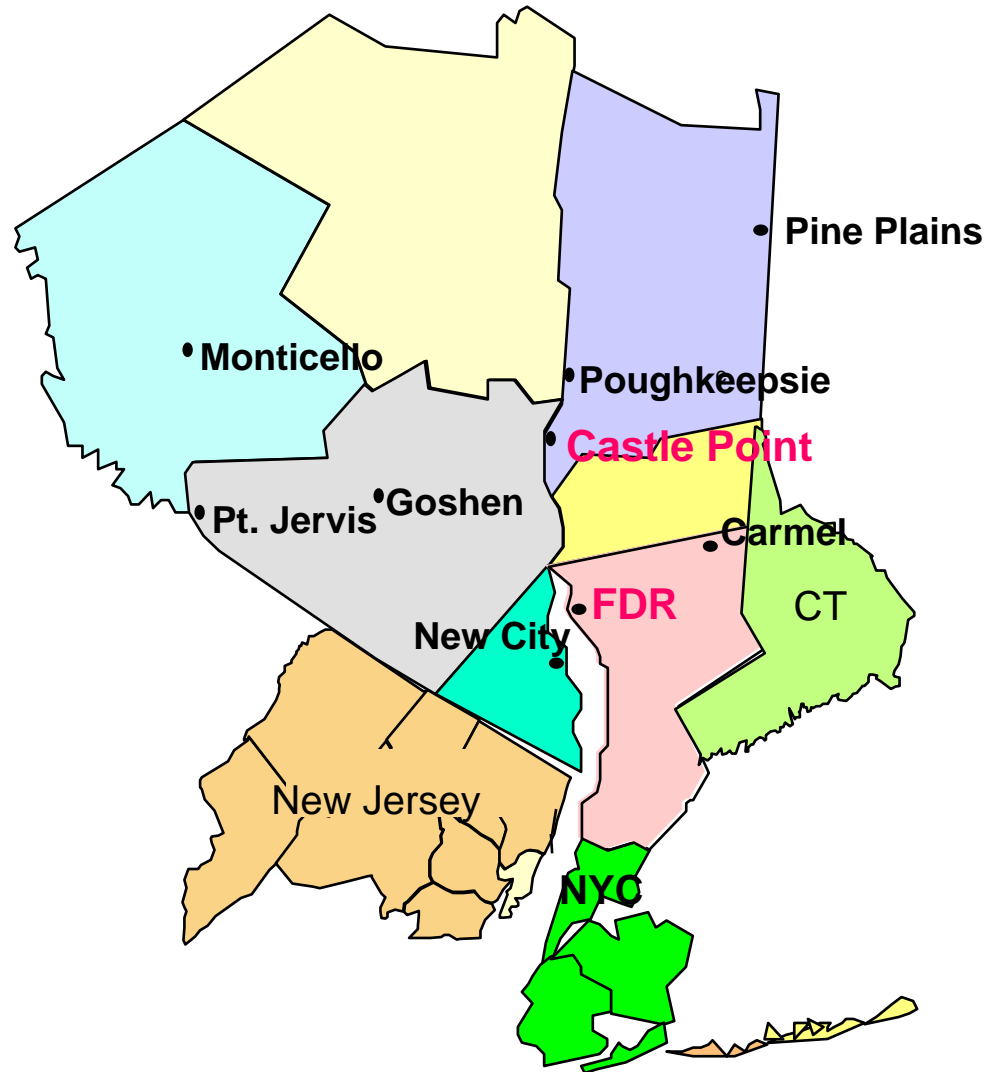
VA Hudson Valley HCS



- Castle Point Campus
- FDR Montrose Campus
- CBOCs
 - Carmel
 - Monticello
 - Goshen
 - Pine Plains
 - New City
 - Poughkeepsie
 - Port Jervis

- Serves Seven NY Counties
- 150,000 Veteran Population
- Approx. 26,000 Patients Seen at HVHCS per year
- Psychiatric Referral Site for NYC
- Tertiary Care provided at Bronx VA and Albany VA

VA Hudson Valley HCS



Clinical Programs



Outpatient Services

- Primary Care
- Extended Care and HBPC
- Limited Specialty Services
- Mental Health Services
- Ambulatory Surgery

Inpatient Services

- Mental Health Services
- Acute Medicine
- Nursing Home
- Spinal Cord Injury
- Homeless Domiciliary
- Substance Abuse Residential Program
- PTSD Residential Program

Current Inpatient Bed Configuration



	Castle Point	Montrose	Total
Medicine	27	0	27
NHCU	75	105	180
Psychiatry	0	70	70
SCI	20	0	20
Residential	0	116	116
Total	122	291	413



Forecasting VA Health Care Demand

Key Concepts

VA National Level Demand Forecasts



CARES Implementation Category	Inpatient Medicine Bed Days of Care	Outpatient Primary Care Clinic Stops
FY03 Actual	2.0 million	15.6 million
FY13 Projected	2.3 million	17.7 million
% Change FY13 – FY03	11%	13%
FY23 Projected	2.0 million	16.3 million
% Change FY23 – FY03	0%	4%

Projected Enrolled Veteran Population



- As of FY 2003:
 - ◆ 25 million veterans
 - ◆ 7 million of these are enrolled in VA
- Enrollment forecasted 20 years into the future by:
 - ◆ Age
 - ◆ Gender
 - ◆ Priority
 - ◆ Geographic Area

Inpatient and Outpatient Demand Forecasts



- CARES Business Plan Studies aggregated by:
 - ◆ 25 Categories of Care
 - ◆ Geographic Area (where enrollee lives)
 - ◆ VA Treating Facility

Reliance Factor Issues

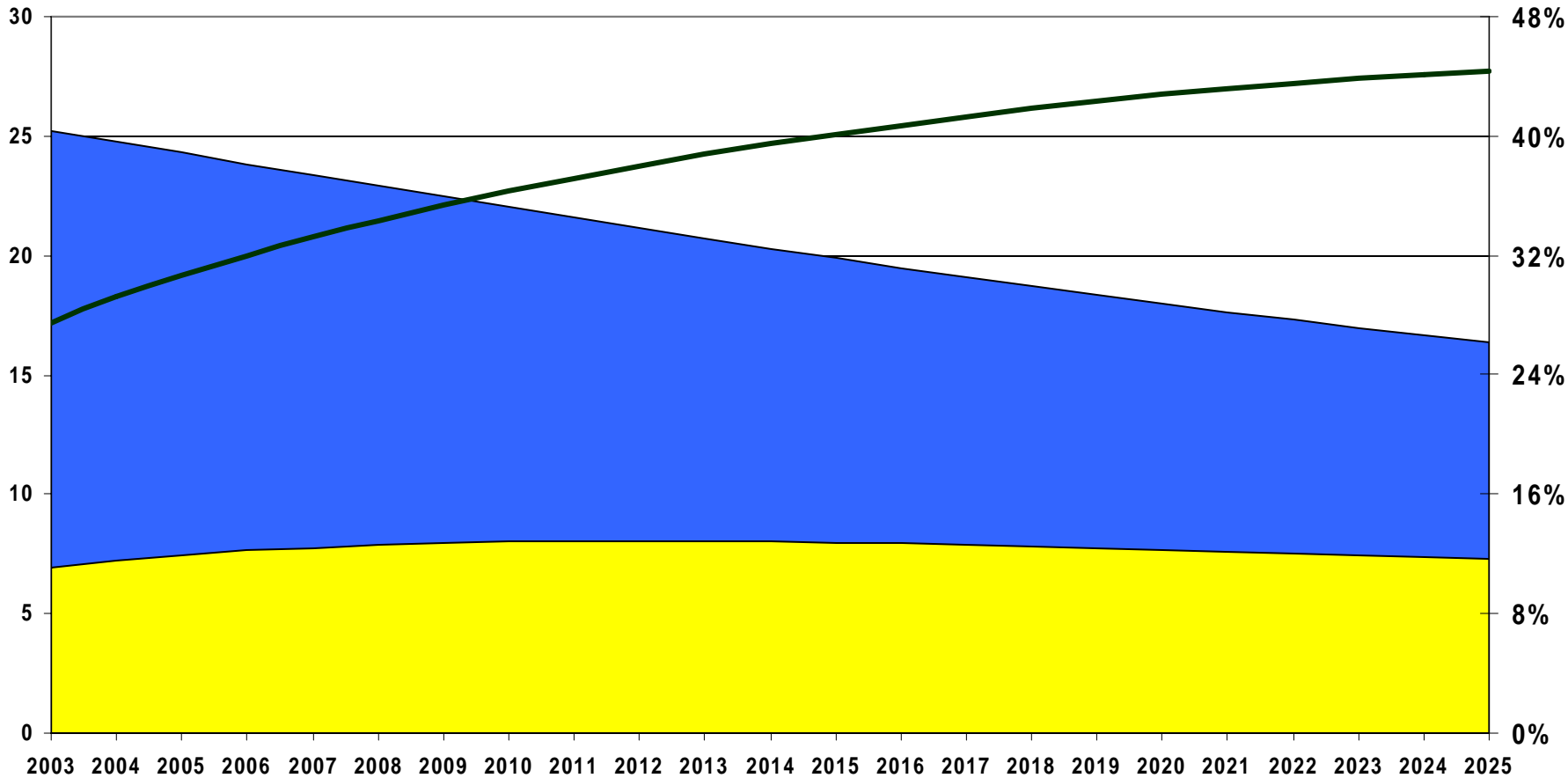


- Reliance on VA Services varies by:
 - ◆ Enrollee preference for VA services vs. other health care options
 - ◆ VA supply in a given geographic area
 - Wait lists
 - Types of services provided at each facility
 - Geographic location of facility

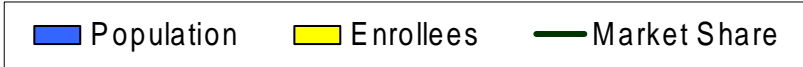
Total Veterans, National Population & Enrollee Projections FY2003 - FY2025

Millions

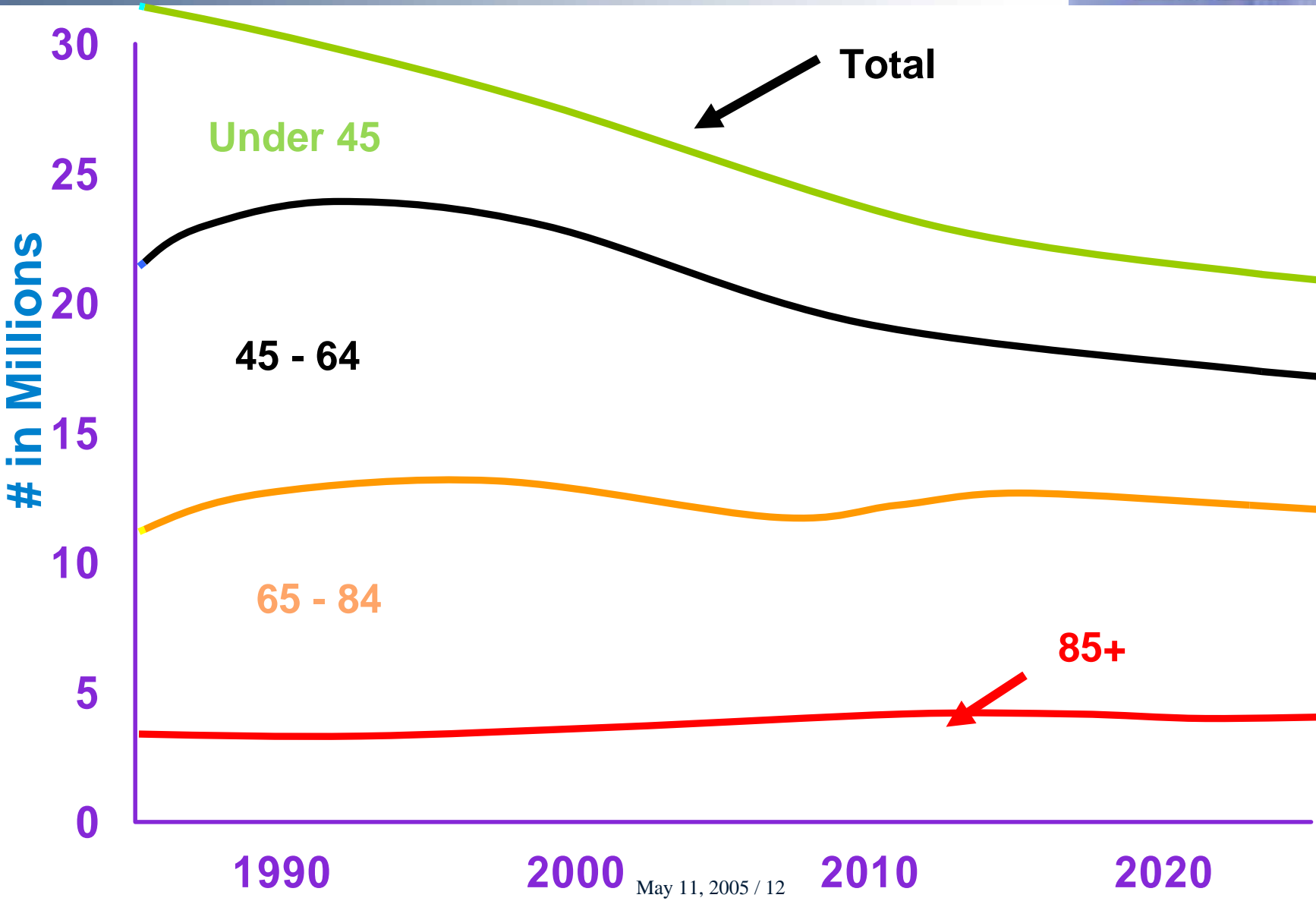
Percent Market Share



Fiscal Year



Only the 85+ Age Group is Projected to Increase

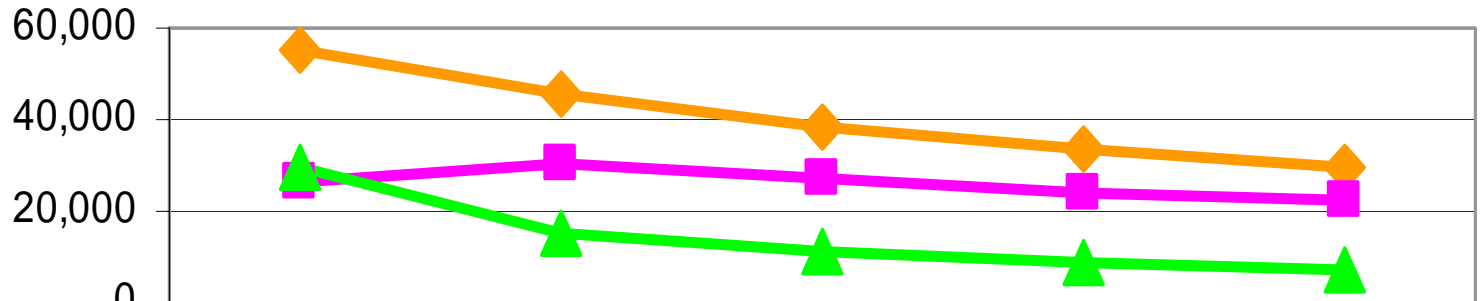




VA Hudson Valley HCS Demand Forecast

Enrollment by Priority Group (VA Hudson Valley HCS Catchment Area)

Number of Enrollees



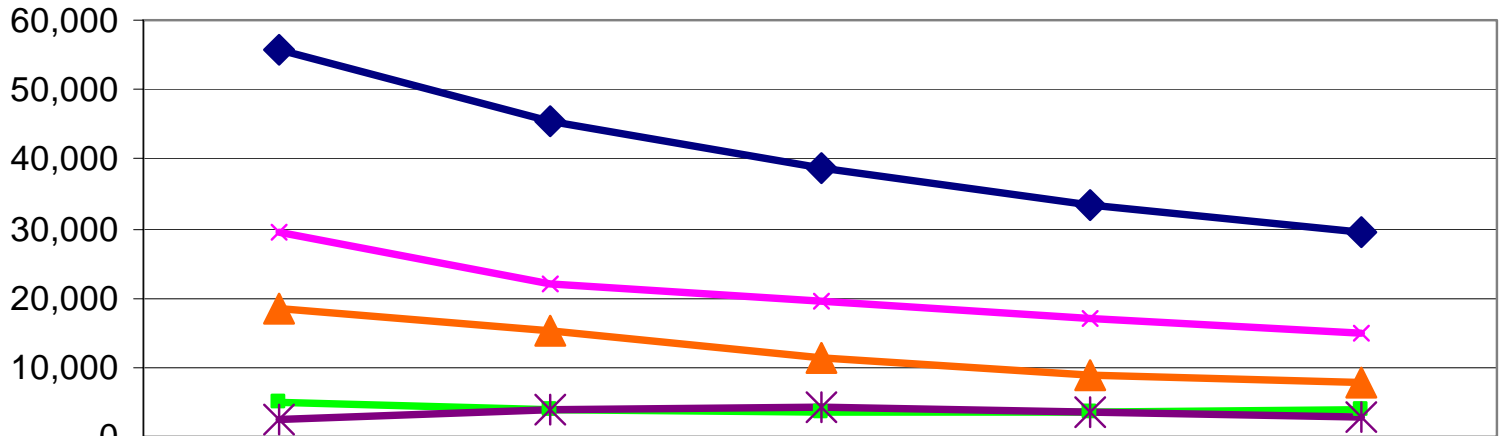
	Enroll2003	Enroll2008	Enroll2013	Enroll2018	Enroll2023
All Priority	55,597	45,341	38,795	33,465	29,549
Priority 1-6	26,114	30,234	27,239	24,393	22,138
Priority 7-8	29,483	15,106	11,556	9,072	7,413

Year

Enrollment by Age Group (VA Hudson Valley HCS Catchment Area)

Number of Enrollees

◆ All
 ■ <45
 ▲ 45-64
 ✖ 65-84
 ✖ 85+



	Enroll2003 Actual	Enroll2008	Enroll2013	Enroll2018	Enroll2023
◆ All	55,597	45,341	38,795	33,465	29,549
■ <45	4,894	3,999	3,699	3,611	3,859
▲ 45-64	18,520	15,287	11,212	9,019	7,842
✖ 65-84	29,583	22,176	19,692	17,216	15,004
✖ 85+	2,600	3,877	4,191	3,619	2,844

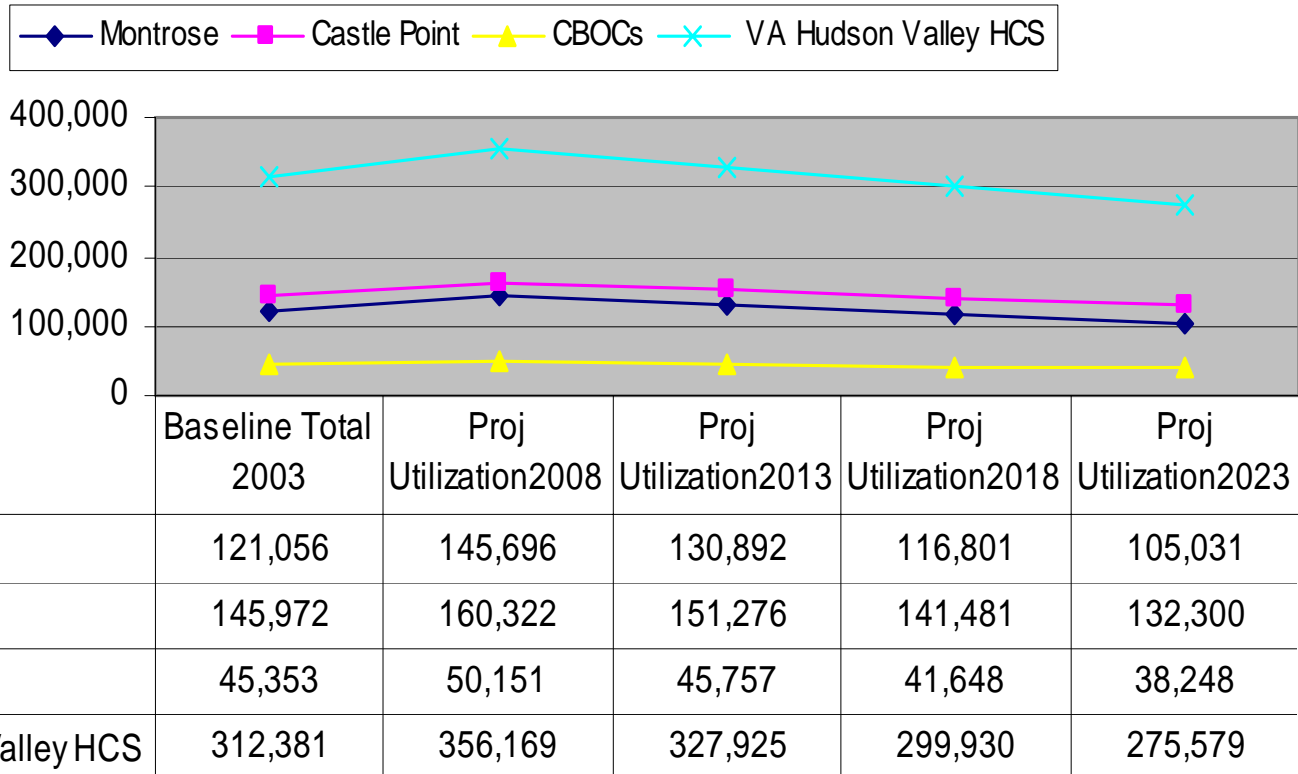
Year



Outpatient Utilization VISN Perspective

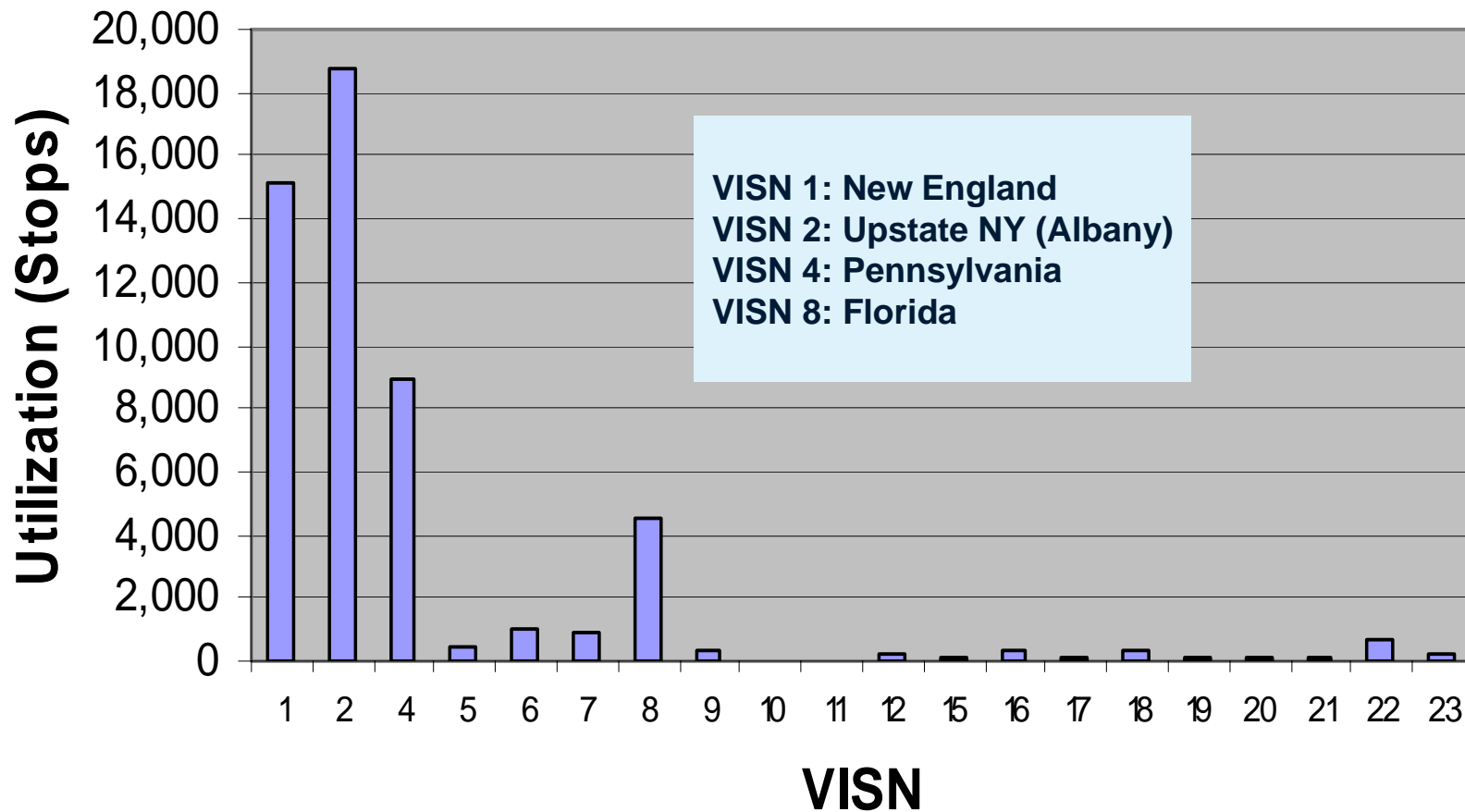
HV Projected Total Ambulatory Workload from VISN 3

Utilization (Stops)

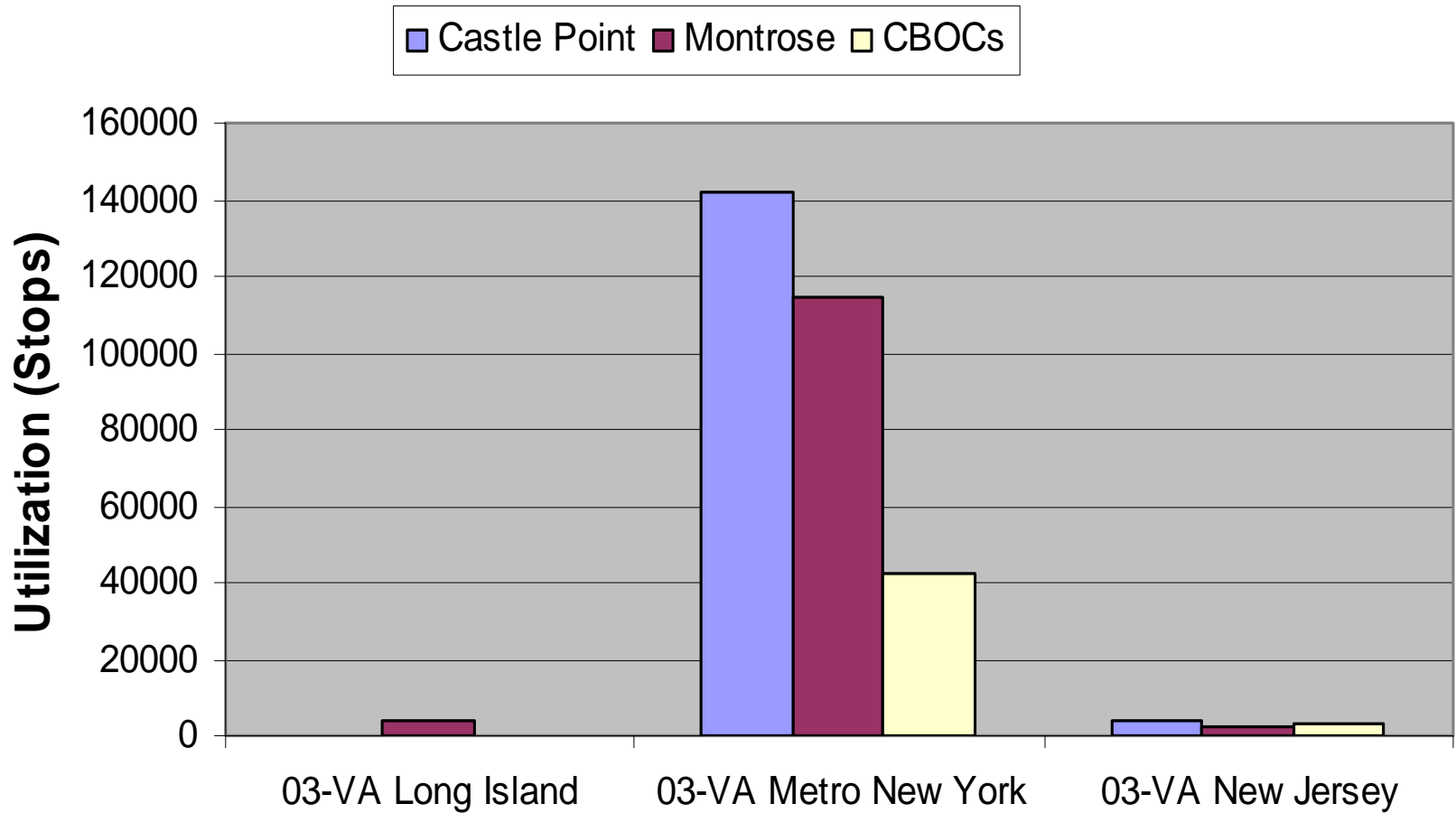


Year

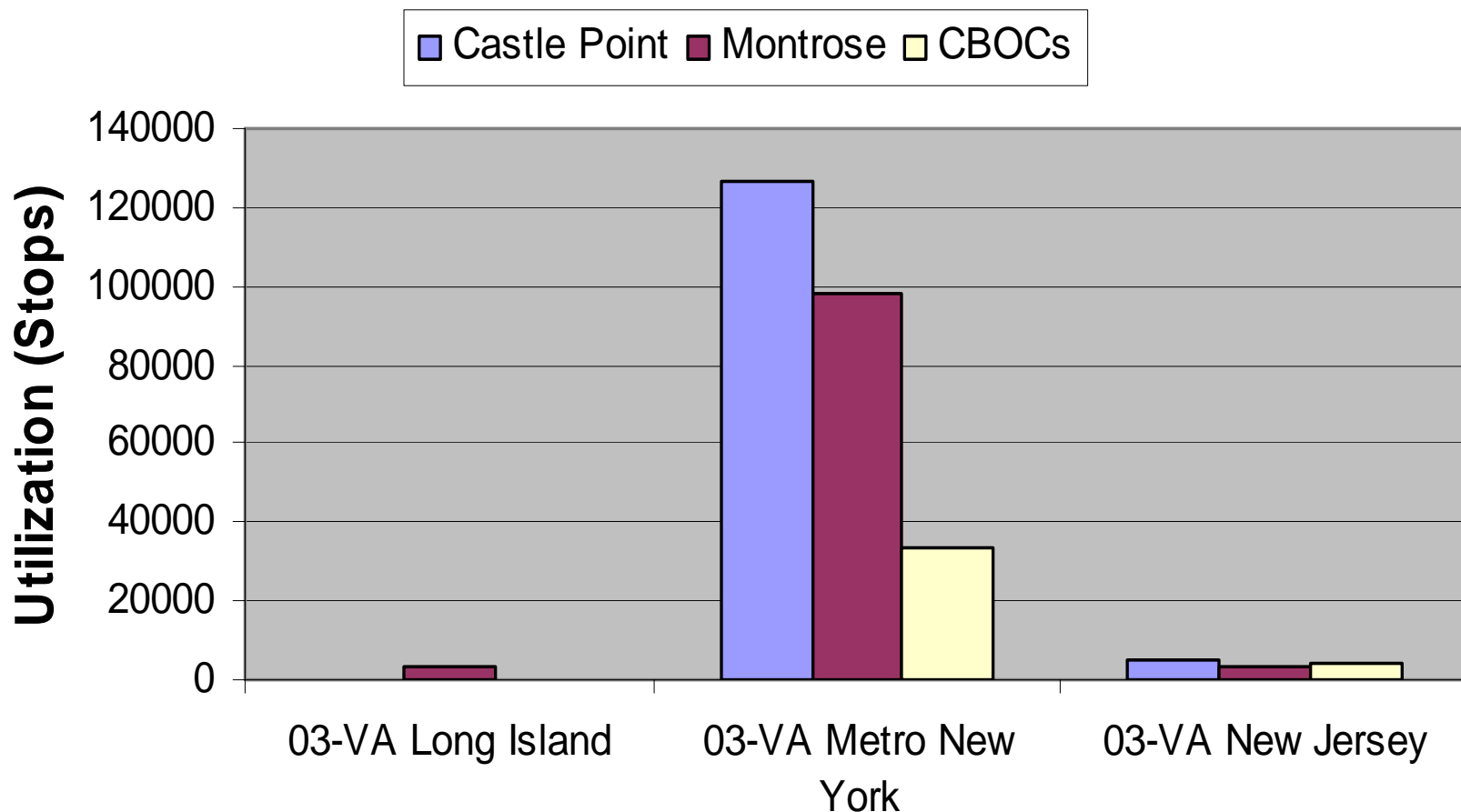
HV Ambulatory Workload from Other VISNs



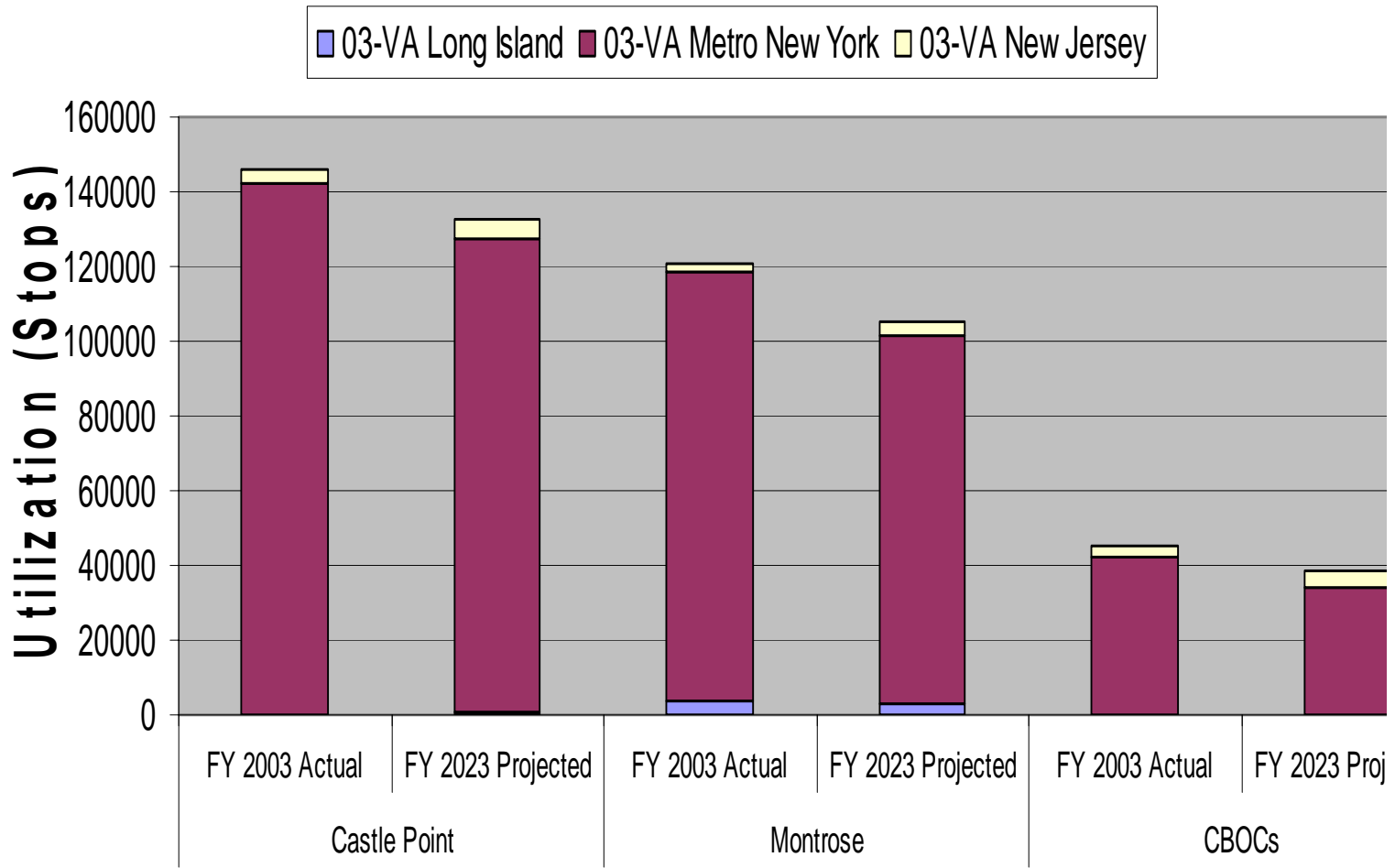
HV 2003 Actual Ambulatory Workload from VISN 3 Markets



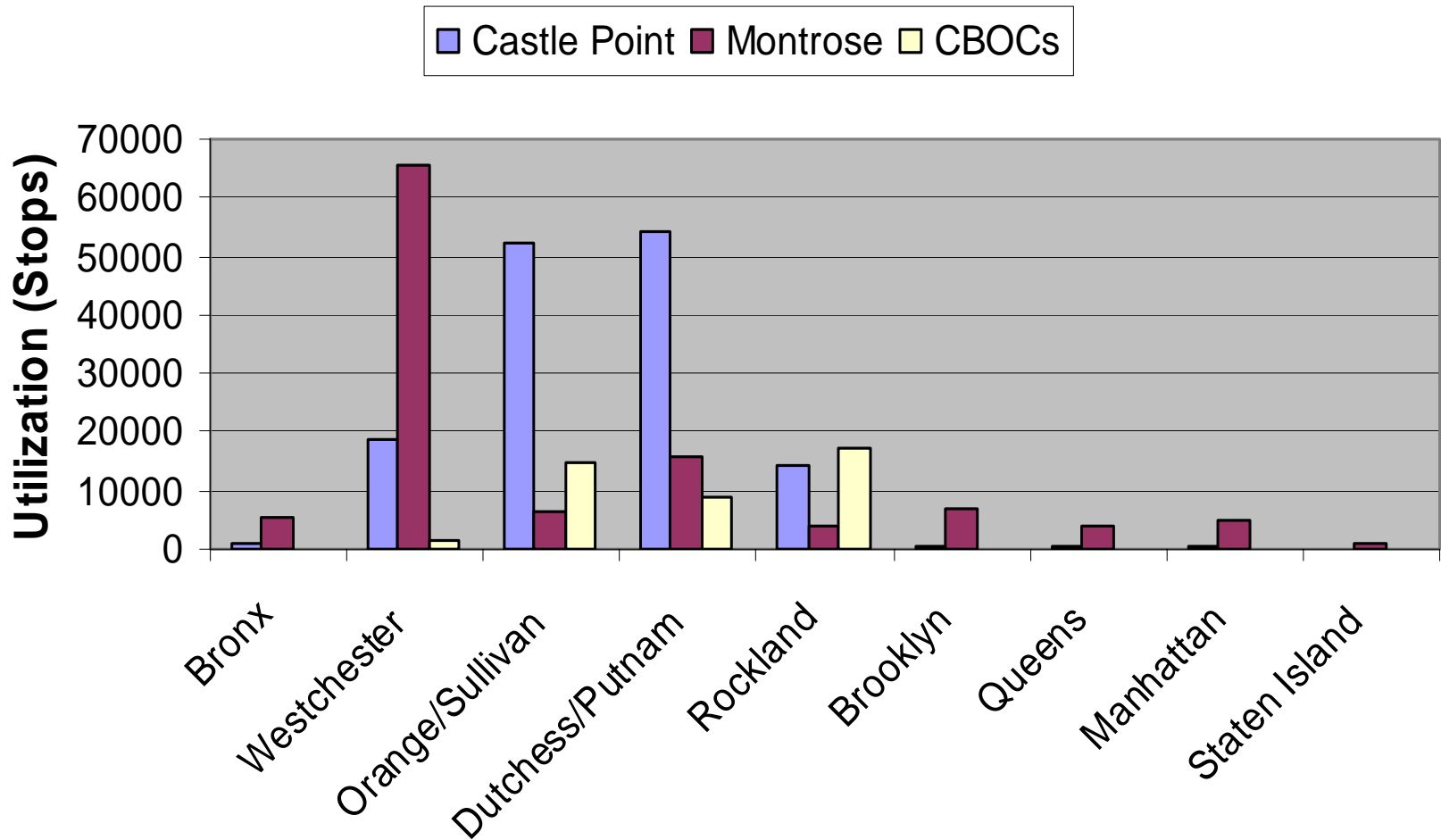
HV 2023 Projected Ambulatory Workload from VISN 3 Markets



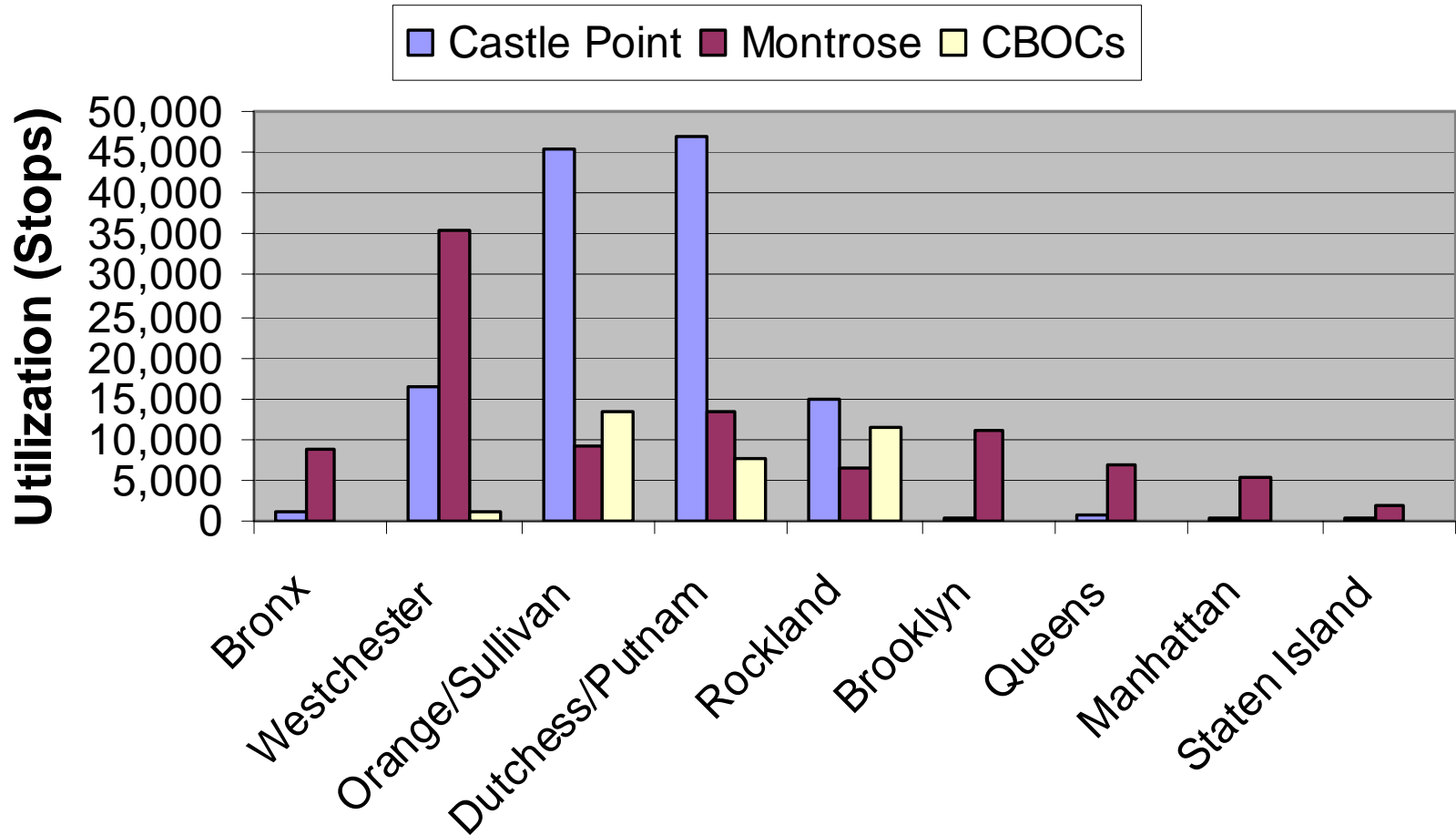
HV 2003 Actual and 2023 Projected Ambulatory Workload from VISN 3 Markets



HV 2003 Actual Ambulatory Workload from NY Metro Counties

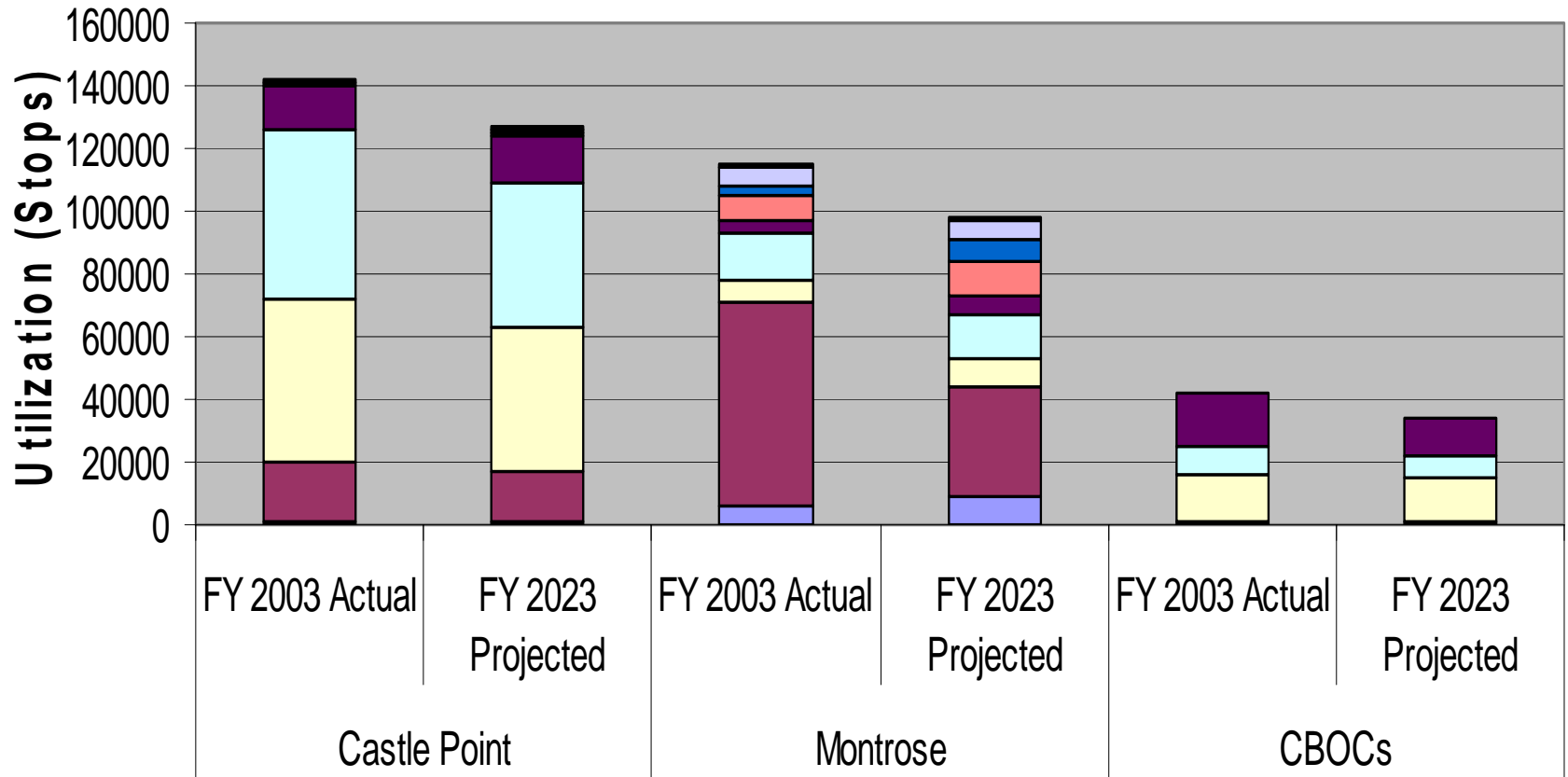


HV 2023 Projected Ambulatory Workload from NY Metro Counties



HV 2003 Actual and 2023 Projected Ambulatory Workload from NY Metro

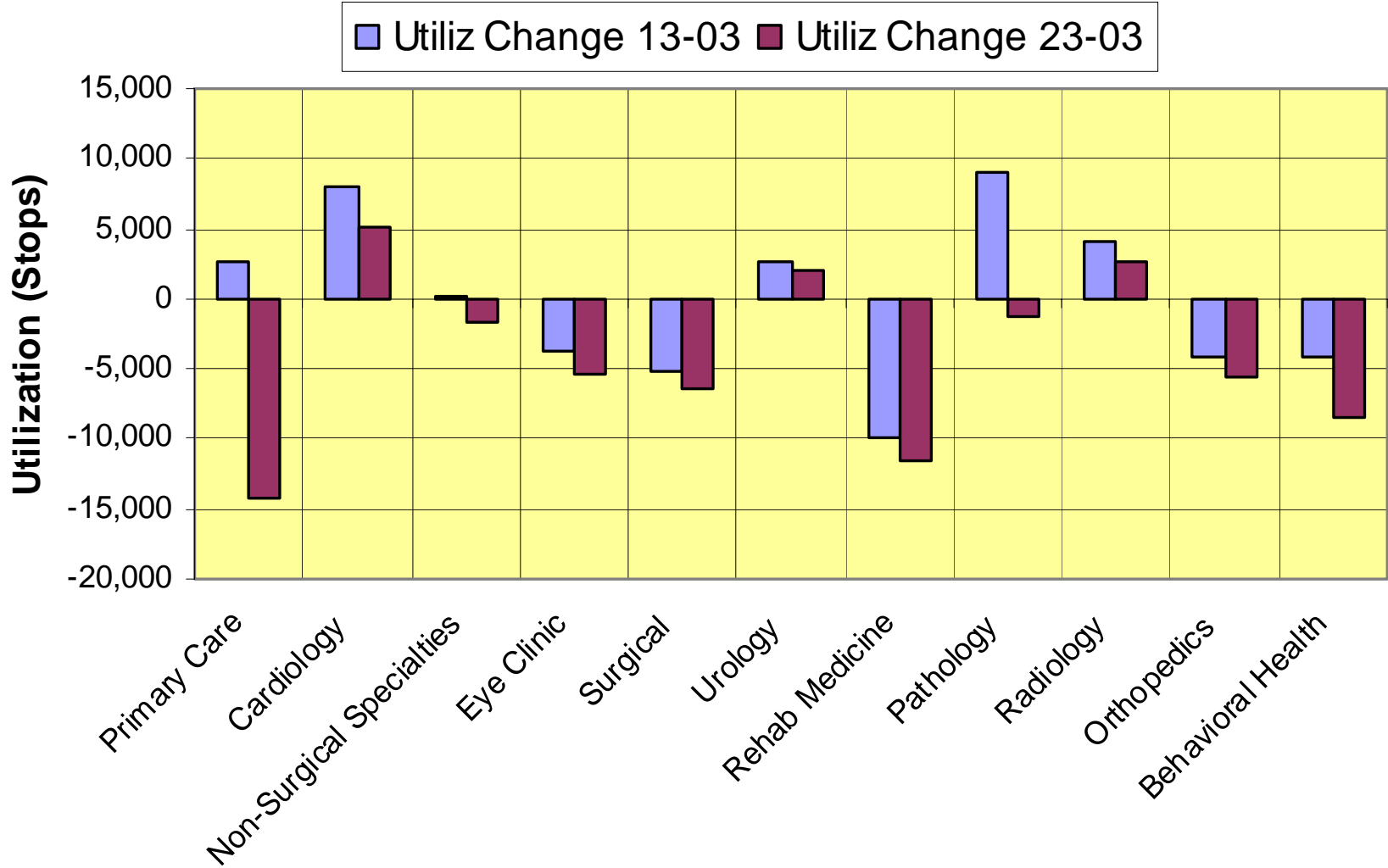
Counties



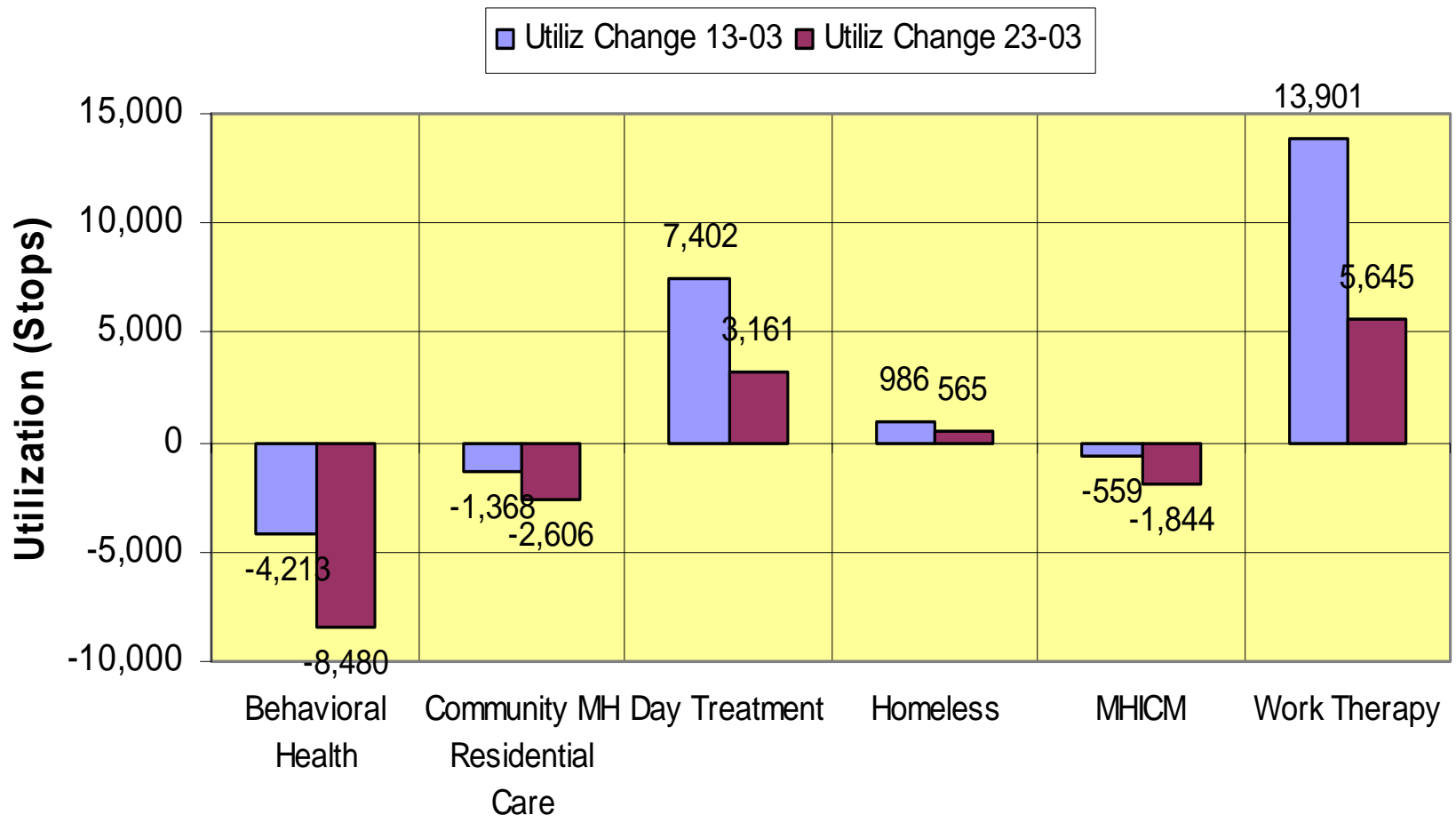


Outpatient Utilization VA Hudson Valley HCS Site Perspective

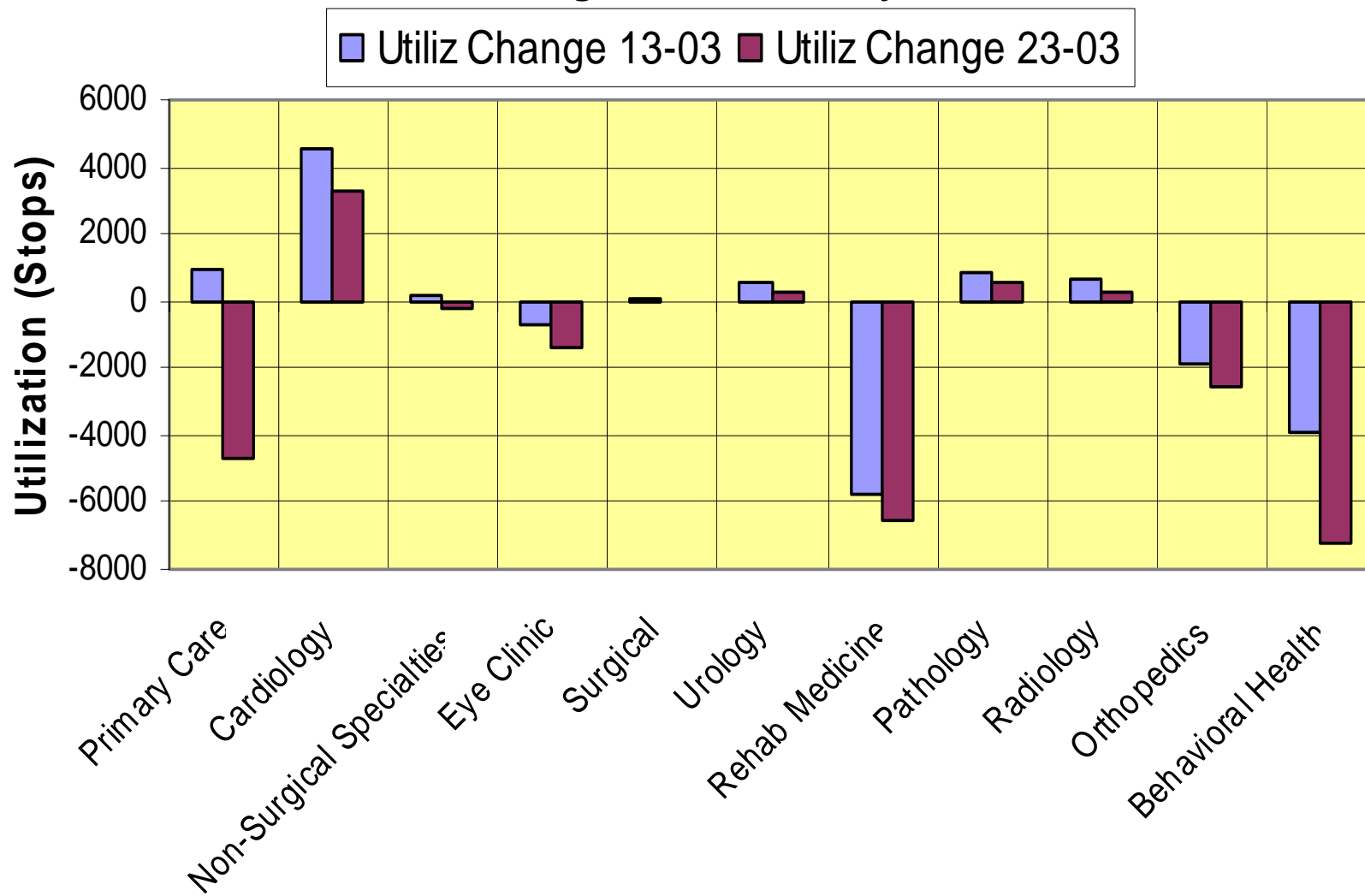
Hudson Valley Change in Ambulatory Utilization



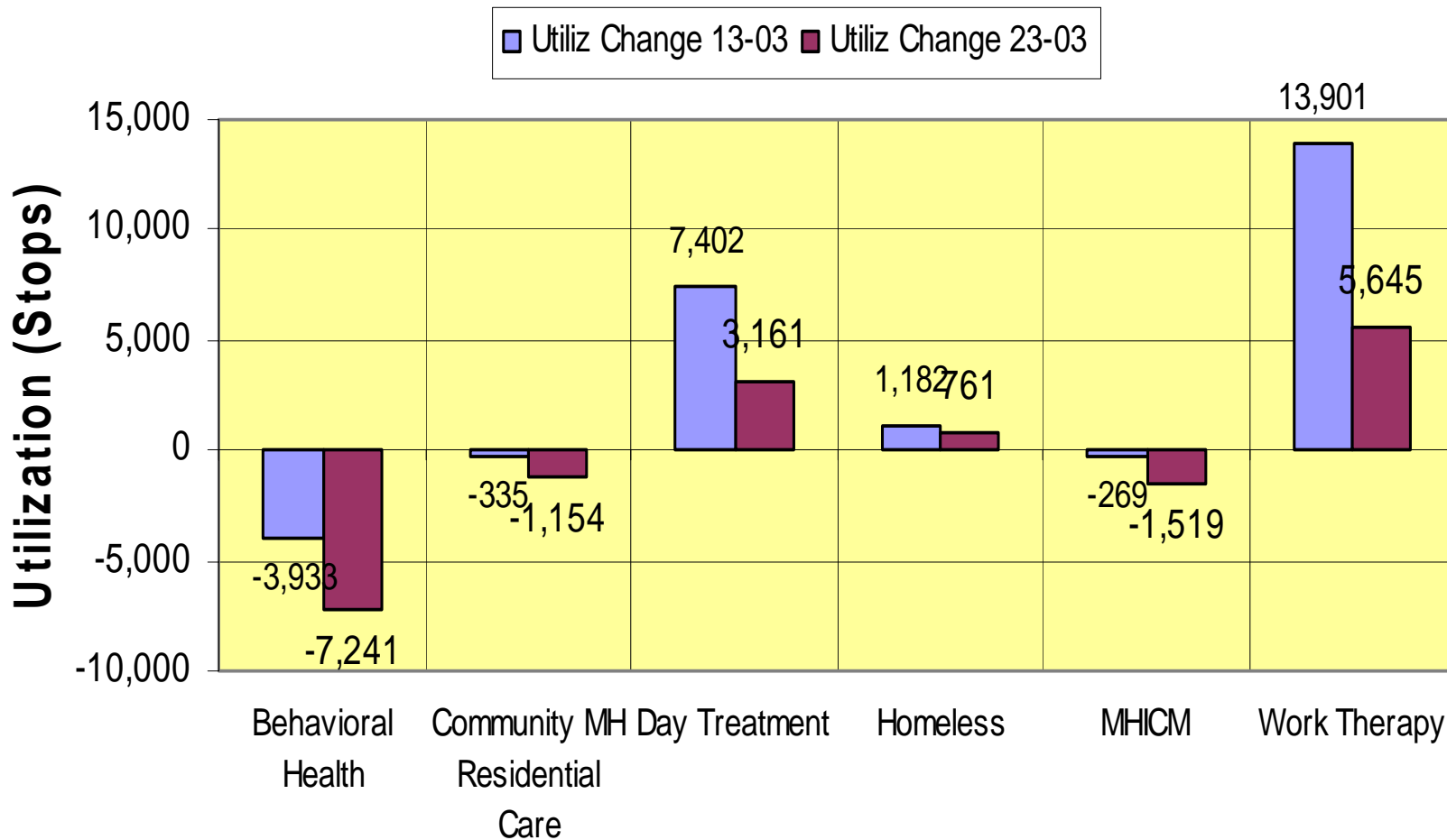
Hudson Valley Change in Outpatient Mental Health Utilization



Montrose Change in Ambulatory Utilization



Montrose Change in Outpatient Mental Health Utilization



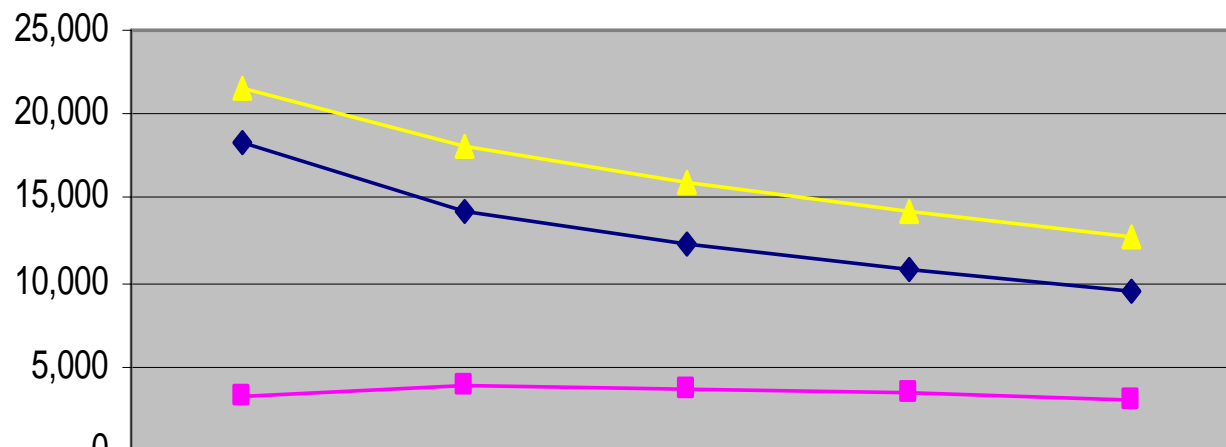


Inpatient Utilization VISN Perspective

HV Projected Total Inpatient Workload from VISN 3

Workload (BDOC)

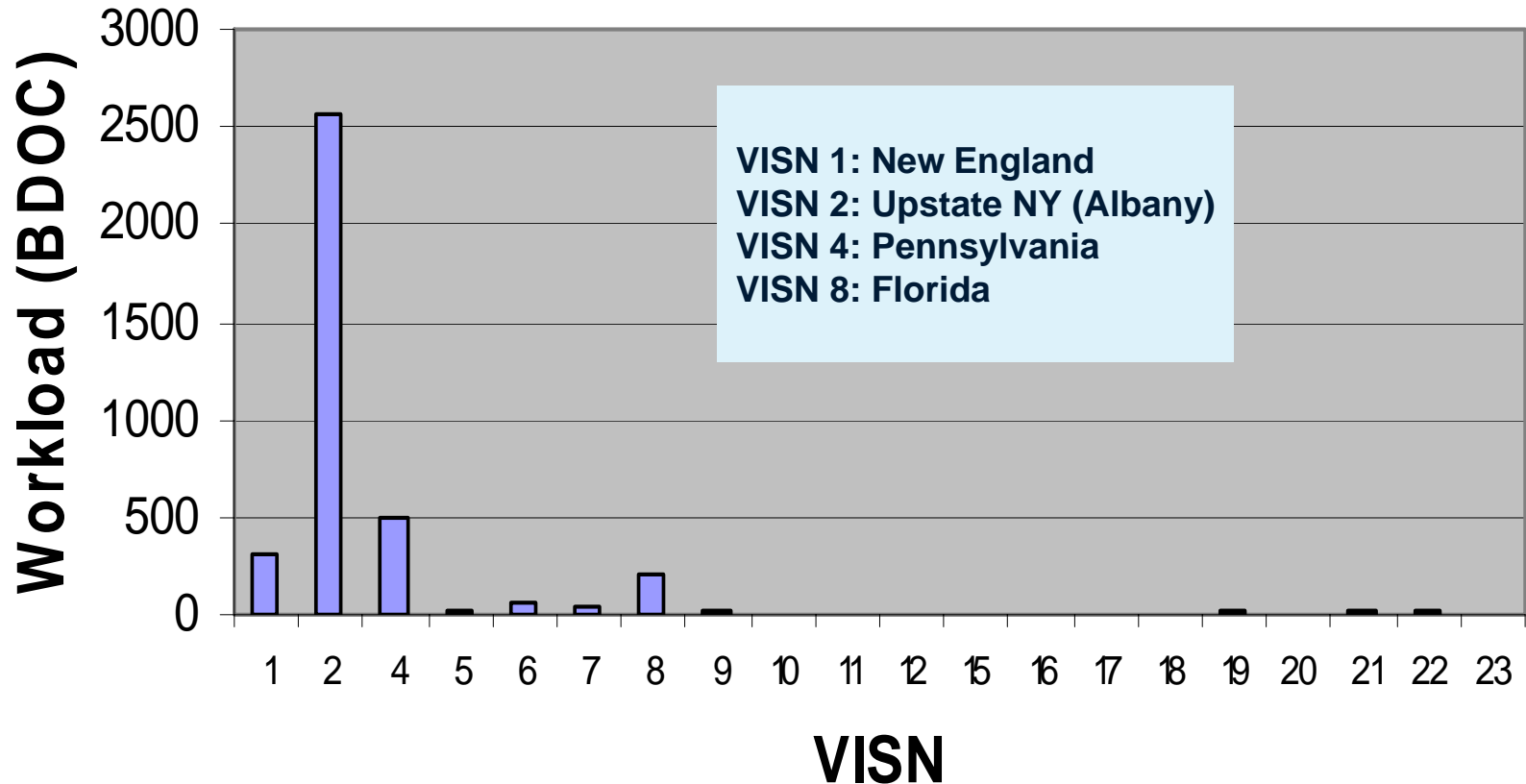
◆ Montrose
 ■ Castle Point
 ▲ VA Hudson Valley HCS



	Baseline Total 2003	Proj Utilization 2008	Proj Utilization 2013	Proj Utilization 2018	Proj Utilization 2023
◆ Montrose	18,339	14,208	12,333	10,807	9,546
■ Castle Point	3,228	3,900	3,664	3,407	3,096
▲ VA Hudson Valley HCS	21,567	18,108	15,998	14,213	12,643

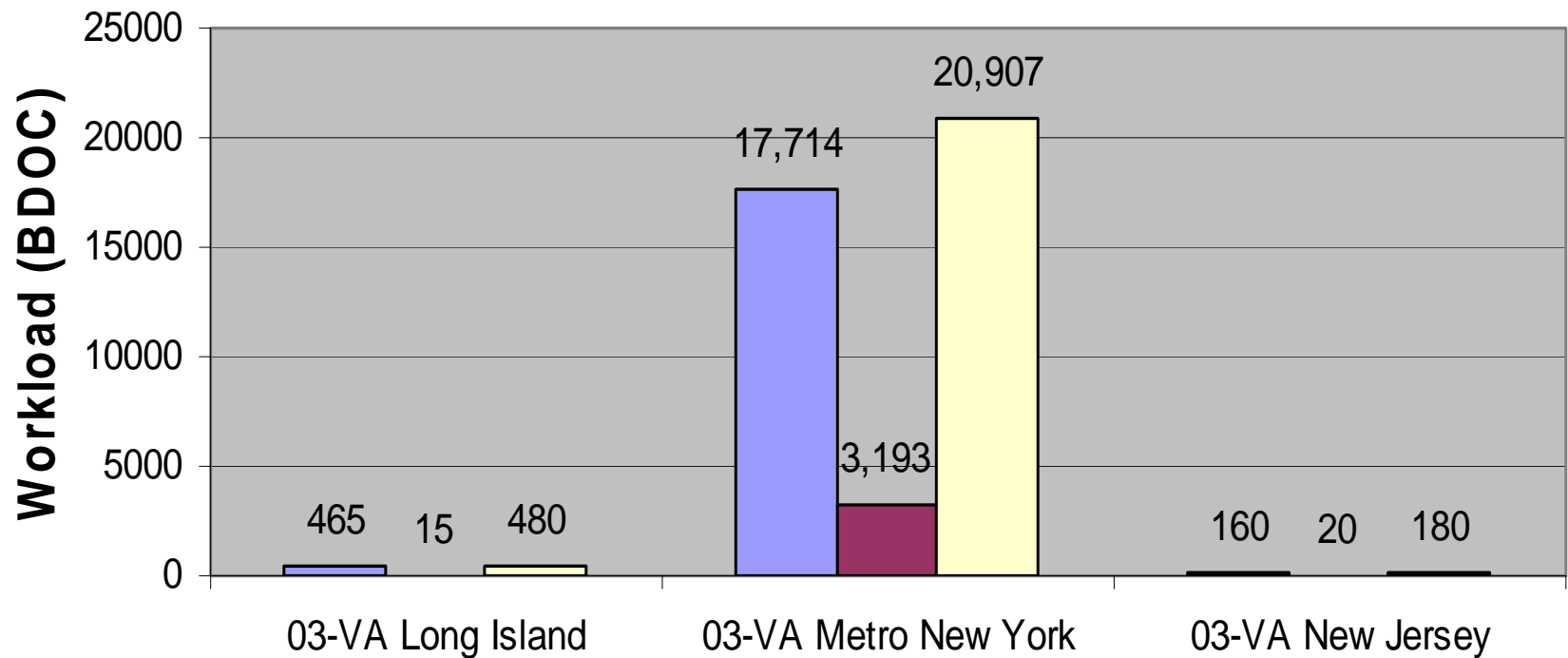
Year

HV Inpatient Workload from Other VISNs



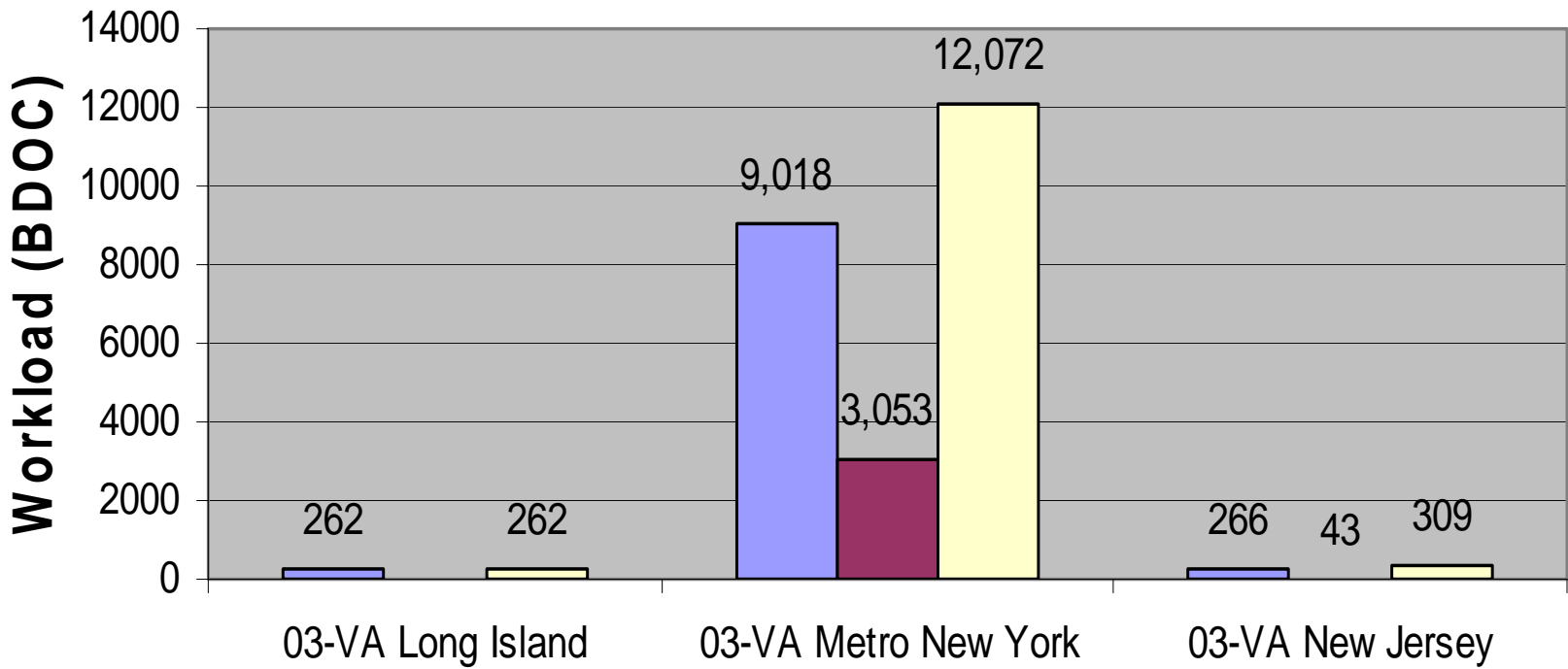
HV 2003 Actual Inpatient Workload from VISN 3 Markets

■ Montrose
 ■ Castle Point
 ■ VA Hudson Valley HCS

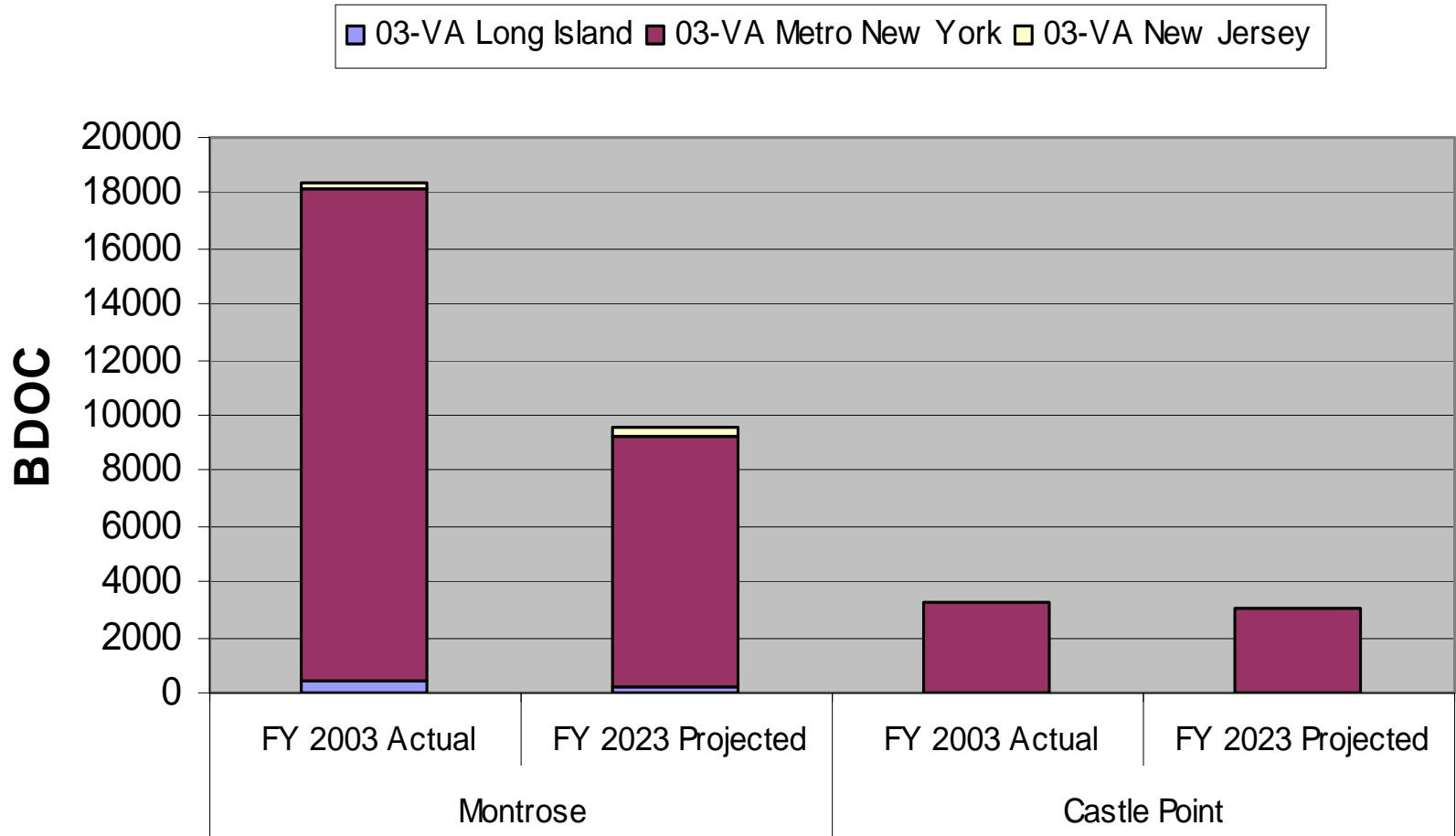


HV 2023 Projected Inpatient Workload from VISN 3 Markets

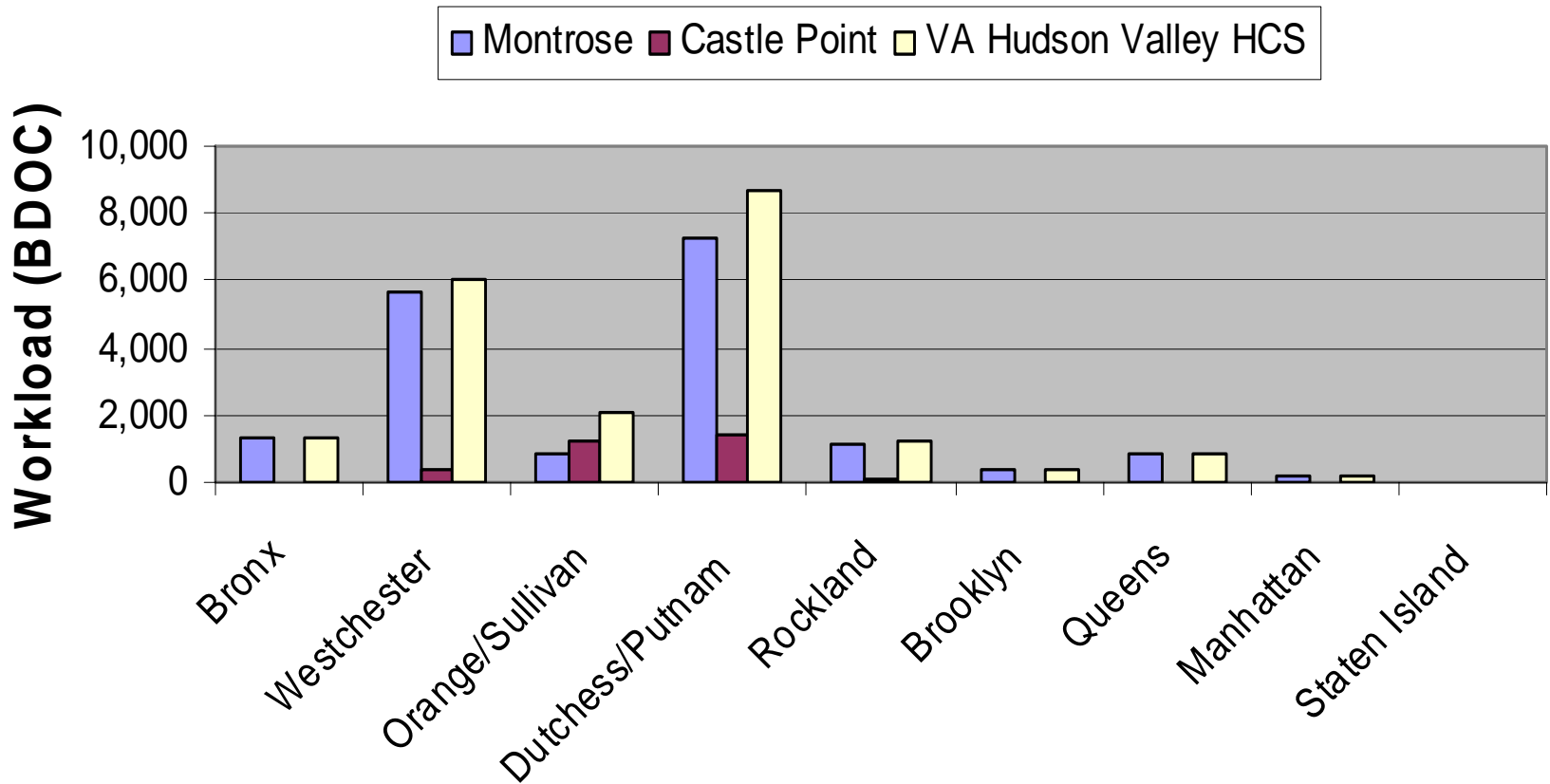
Montrose Castle Point VA Hudson Valley HCS



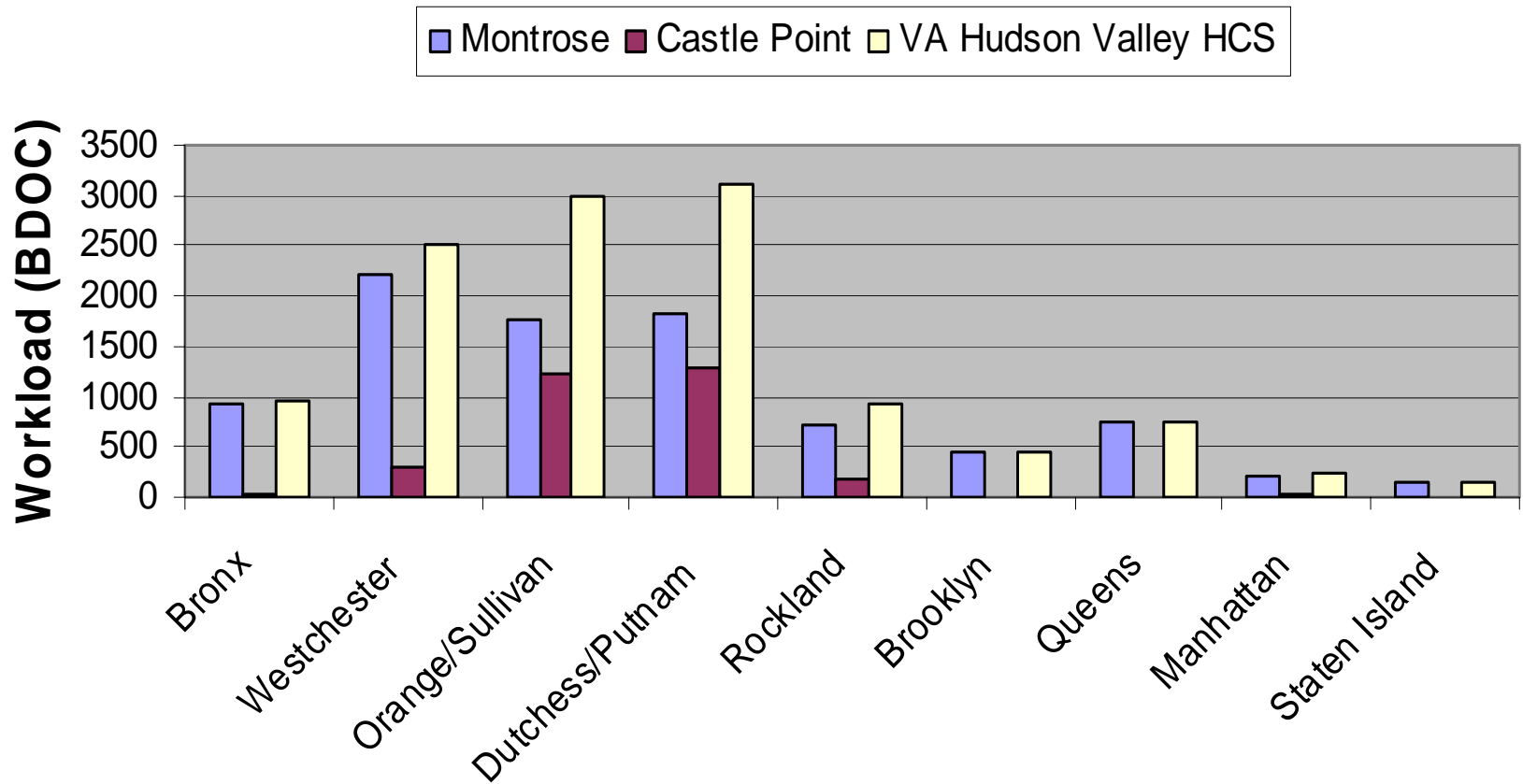
HV 2003 Actual and 2023 Projected Inpatient Workload from VISN 3 Markets



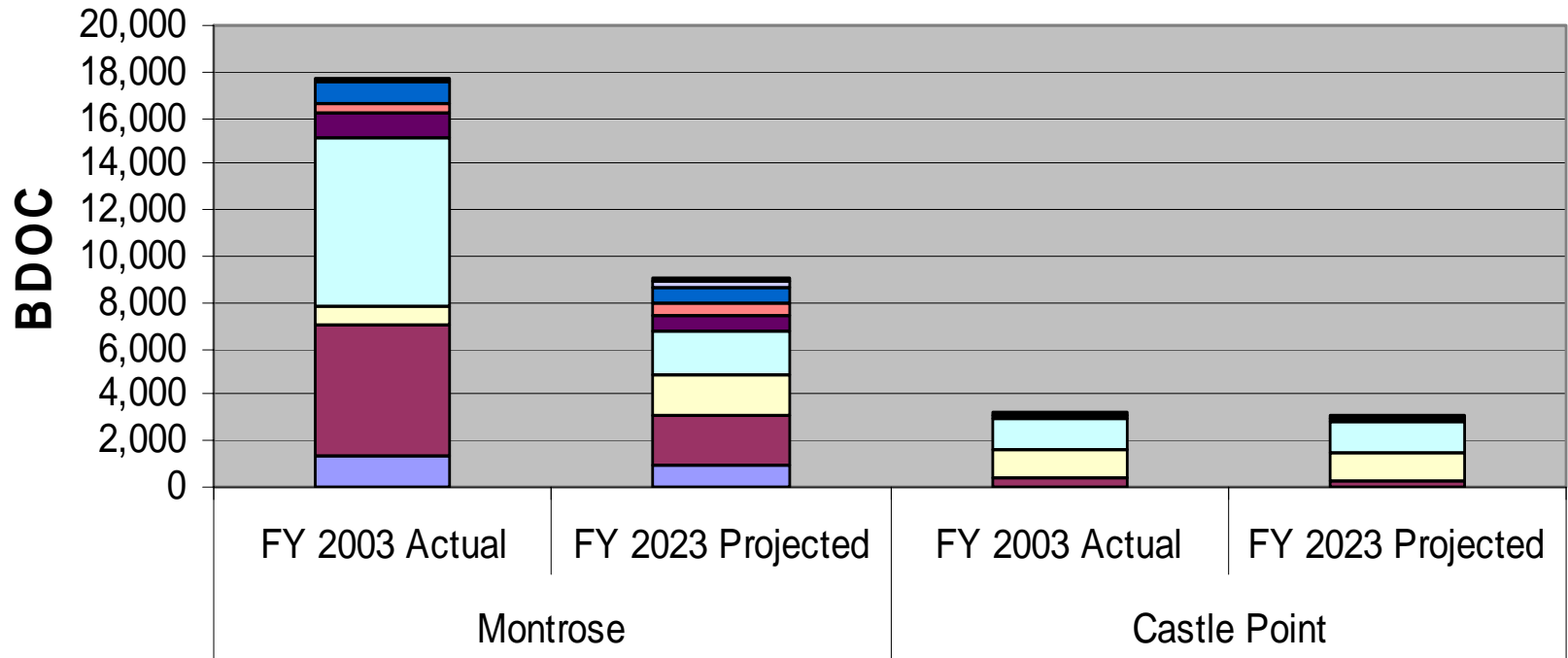
HV 2003 Actual Inpatient Workload from NY Metro Counties



HV 2023 Projected Inpatient Workload from NY Metro Counties



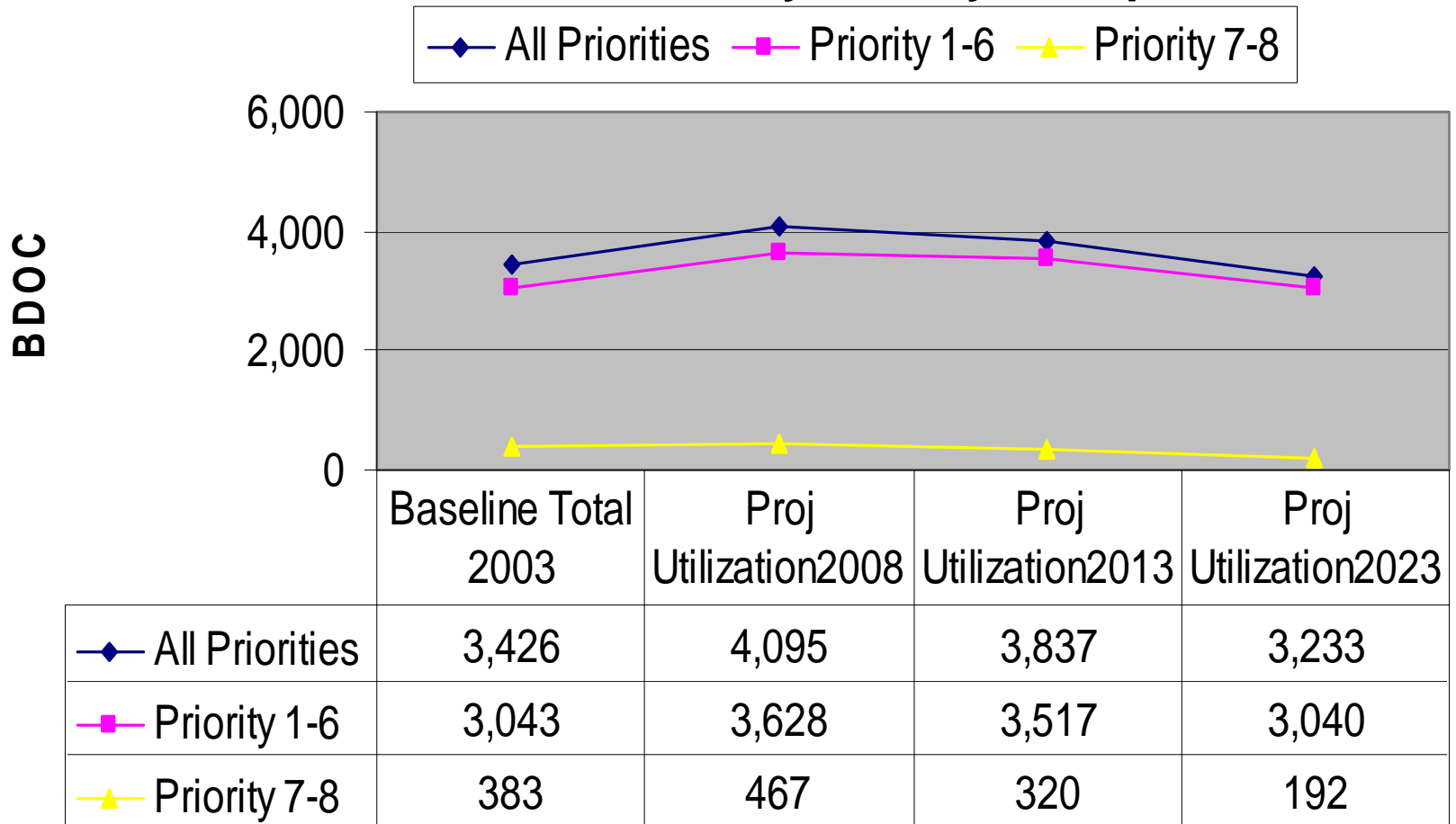
HV 2003 Actual and 2023 Projected Inpatient Workload by NY Metro Counties





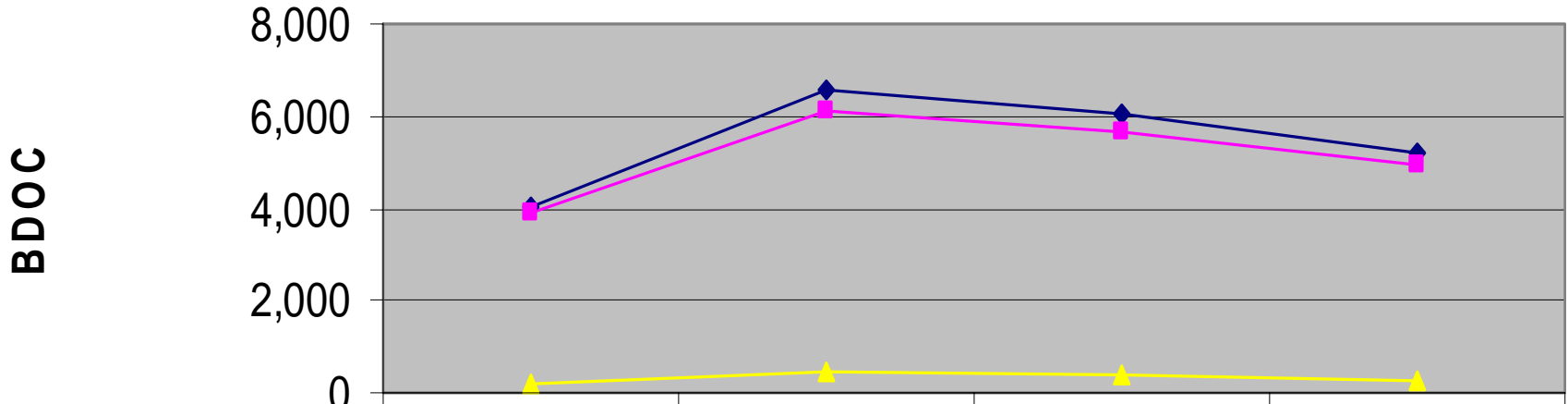
Inpatient Utilization VA Hudson Valley HCS Site Perspective

Castle Point Projected Inpatient Medicine and Observation BDOC by Priority Group



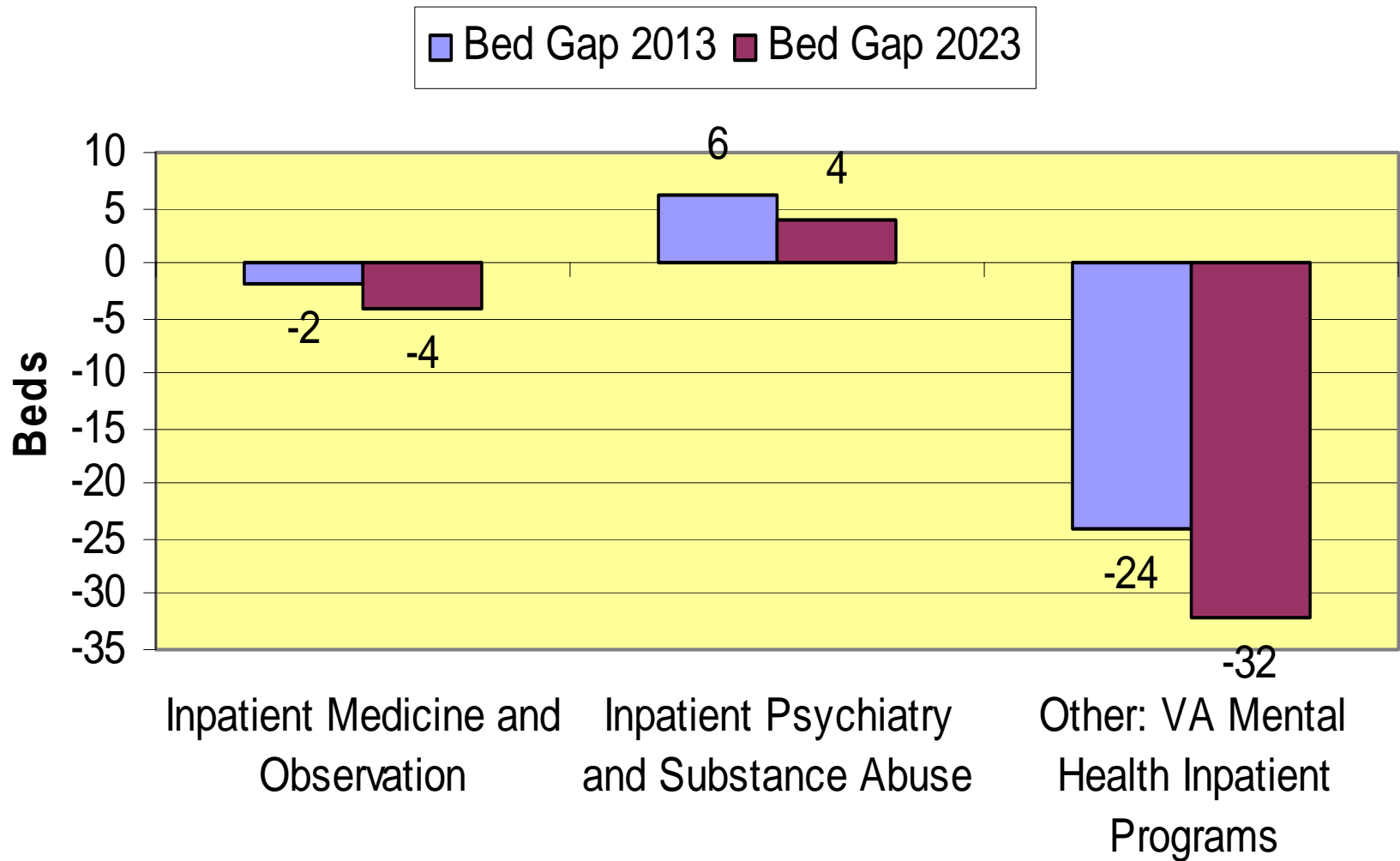
Montrose Projected Inpatient Psychiatry BDOC by Priority Group

◆ All Priorities
 ■ Priority 1-6
 ▲ Priority 7-8



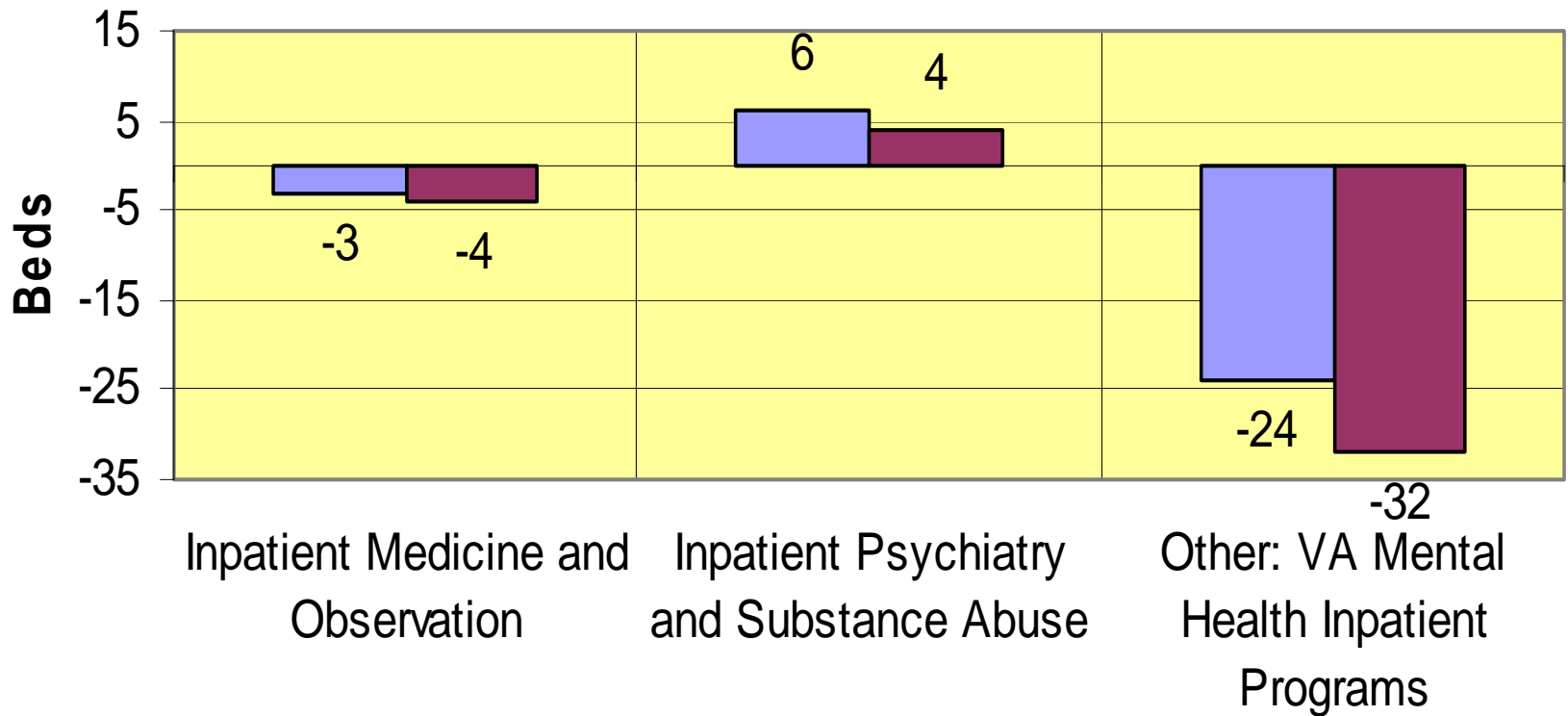
	Baseline Total 2003	Proj Utilization 2008	Proj Utilization 2013	Proj Utilization 2023
◆ All Priorities	4,049	6,559	6,029	5,214
■ Priority 1-6	3,874	6,083	5,636	4,923
▲ Priority 7-8	175	476	393	291

VA Hudson Valley HCS Change in Inpatient Utilization

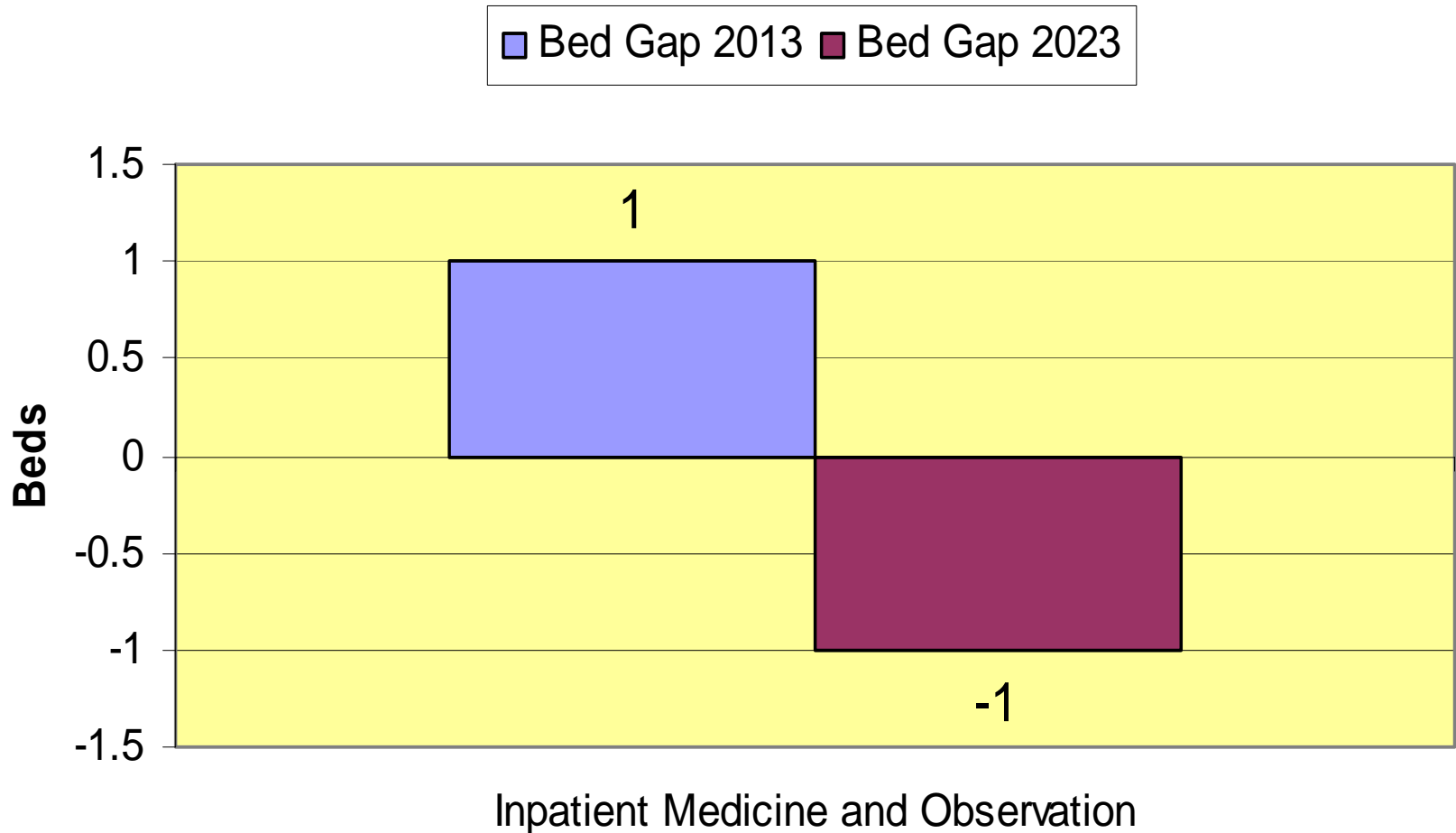


Montrose Change in Inpatient Utilization

■ Bed Gap 2013 ■ Bed Gap 2023



Castle Point Change in Inpatient Utilization



Summary



- Intricate and inter-related utilization patterns from multiple markets are evident in the data for VA Hudson Valley HCS
- LTC demand forecasts have not been released at this time
- These data do not show the effects of access, quality, cost, medical affiliation, education and research that need to be considered in this study