

# ABOUT THIS REPORT ON UTILIZATION INDICATORS

The charts in this publication are intended to provide aggregate and comparative data on the utilization trends of the District of Columbia hospital community for calendar year 1998. Trend data for five-year periods have been provided where available.

The source of the data is the District of Columbia Hospital Association's (DCHA) Monthly Utilization Survey and Quarterly Bed Capacity and Census Survey (self-reported by individual hospitals). The graphs in this report describe utilization trends in the aggregate for the District's eleven acute care non-federal hospitals:

- Children's National Medical Center
- Columbia Hospital for Women Medical Center
- District of Columbia General Hospital
- George Washington University Hospital
- Georgetown University Hospital
- Greater Southeast Community Hospital
- Hadley Memorial Hospital
- Howard University Hospital
- Providence Hospital
- Sibley Memorial Hospital
- Washington Hospital Center

Specific utilization data for eighteen District hospitals are provided in table form.

Factors to be considered when analyzing the data include the following:

- Managed care organizations are making their impact felt among District hospital both in terms of decreasing inpatient and emergency room utilization.
- With the increasing demand for outpatient services, hospitals are developing satellite facilities throughout the entire metropolitan area.
- Hospitals continue to form alliances with other hospitals and other providers of different levels of care, including nursing facilities, physician groups, hospices, and community health centers.

Key observations found in the data include:

- From the fourth quarter of 1994 through the fourth quarter of 1998, the District's eleven acute care non-federal hospitals decreased the number of operating beds from 3,776 to 3,060, a decrease of 716 beds or 18.96 percent.
- Average length of stay declined over 8.5 percent between 1994 and 1998 for District acute care hospitals to 5.87 days.
- Among the District's eleven acute care non-federal hospitals, inpatient utilization showed a steady decline over the past five years. Between 1994 and 1998, admissions decreased 11.18 percent and inpatient days decreased 18.81 percent. During this same period, emergency room visits decreased 8.25 percent.

During the next several years, DCHA will be monitoring significant changes in the public and private health care system that have both positive and negative impacts on the utilization of health care services.

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*Spring 1999*

Children's National Medical Center  
Columbia Hospital for Women Medical Center  
District of Columbia General Hospital  
George Washington University Hospital  
Georgetown University Hospital  
Greater Southeast Community Hospital  
Hadley Memorial Hospital  
Howard University Hospital  
MedLINK Hospital at Capitol Hill  
National Rehabilitation Hospital  
Providence Hospital  
Psychiatric Institute of Washington, D.C.  
Riverside Hospital  
Saint Elizabeths Hospital - Commission on  
Mental Health Services  
Sibley Memorial Hospital  
Veterans Affairs Medical Center  
Walter Reed Army Medical Center  
Washington Hospital Center

# *Utilization / Indicators*

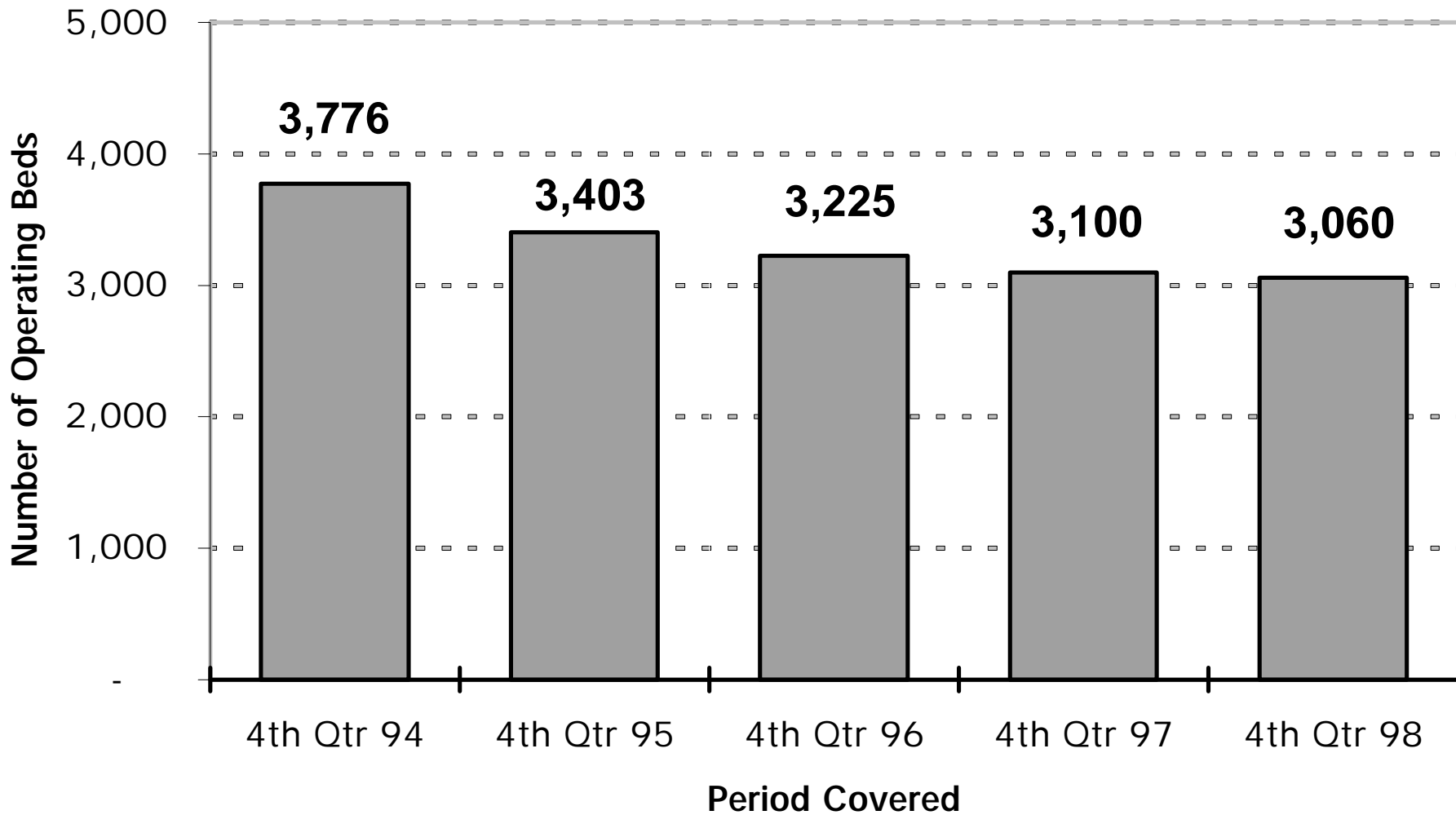
*Calendar Year 1998*

Kenneth A. Samet  
Chairman of the Board

Robert A. Malson  
President

# Bed Capacity

District of Columbia Acute Care Hospitals  
Five Year Trend: 1994 - 1998



**Note:** Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.  
**Source:** DCHA Quarterly Occupancy and Bed Capacity Survey

# Change in Operating Beds

## District of Columbia Hospitals

### Five Year Trend: 1994 - 1998

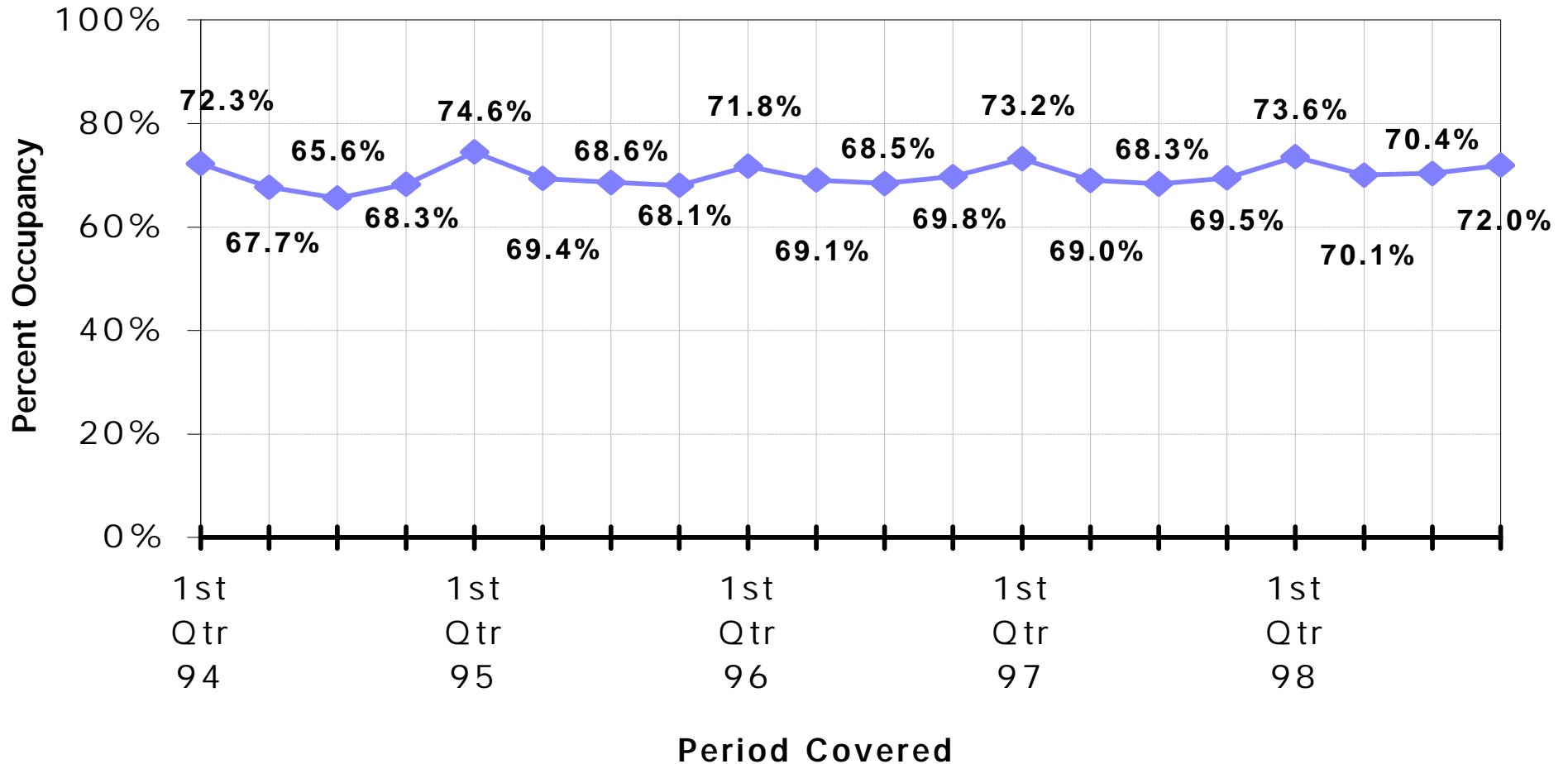
Acute Care Hospitals	Beds In Operation		Percent Change
	4 <sup>th</sup> Quarter 1994	4 <sup>th</sup> Quarter 1998	
Children's National Medical Center	188	188	0.00%
Columbia Hospital for Women Medical Center	135	110	-18.52%
District of Columbia General Hospital	295	250	-15.25%
George Washington University Hospital	342	267	-21.93%
Georgetown University Hospital	433	328	-24.25%
Greater Southeast Community Hospital	395	266	-32.66%
Hadley Memorial Hospital	72	63	-12.50%
Howard University Hospital	410	279	-31.95%
Providence Hospital	343	316	-7.87%
Sibley Memorial Hospital	289	220	-23.88%
Washington Hospital Center	874	773	-11.56%
<b>SUBTOTAL</b>	<b>3,776</b>	<b>3,060</b>	<b>-18.96%</b>
<b>Other Hospitals</b>			
Hospital for Sick Children	119	115	-3.36%
MedLINK Hospital at Capitol Hill	N/A	35	N/A
National Rehabilitation Hospital	160	128	-20.00%
Psychiatric Institute of Washington, D.C.	99	99	0.00%
Saint Elizabeths Hospital/CMHS	1,021	742	-27.33%
Veterans Affairs Medical Center	527	162	-69.26%
Walter Reed Army Medical Center	698	238	-65.90%
<b>SUBTOTAL</b>	<b>2,624</b>	<b>1519</b>	<b>-42.11%</b>
<b>GRAND TOTAL</b>	<b>6,400</b>	<b>4,579</b>	<b>-28.45%</b>

Source: DCHA Quarterly Occupancy and Bed Capacity Survey

# Occupancy Rate

District of Columbia Acute Care Hospitals

Five Year Trend: 1994 - 1998

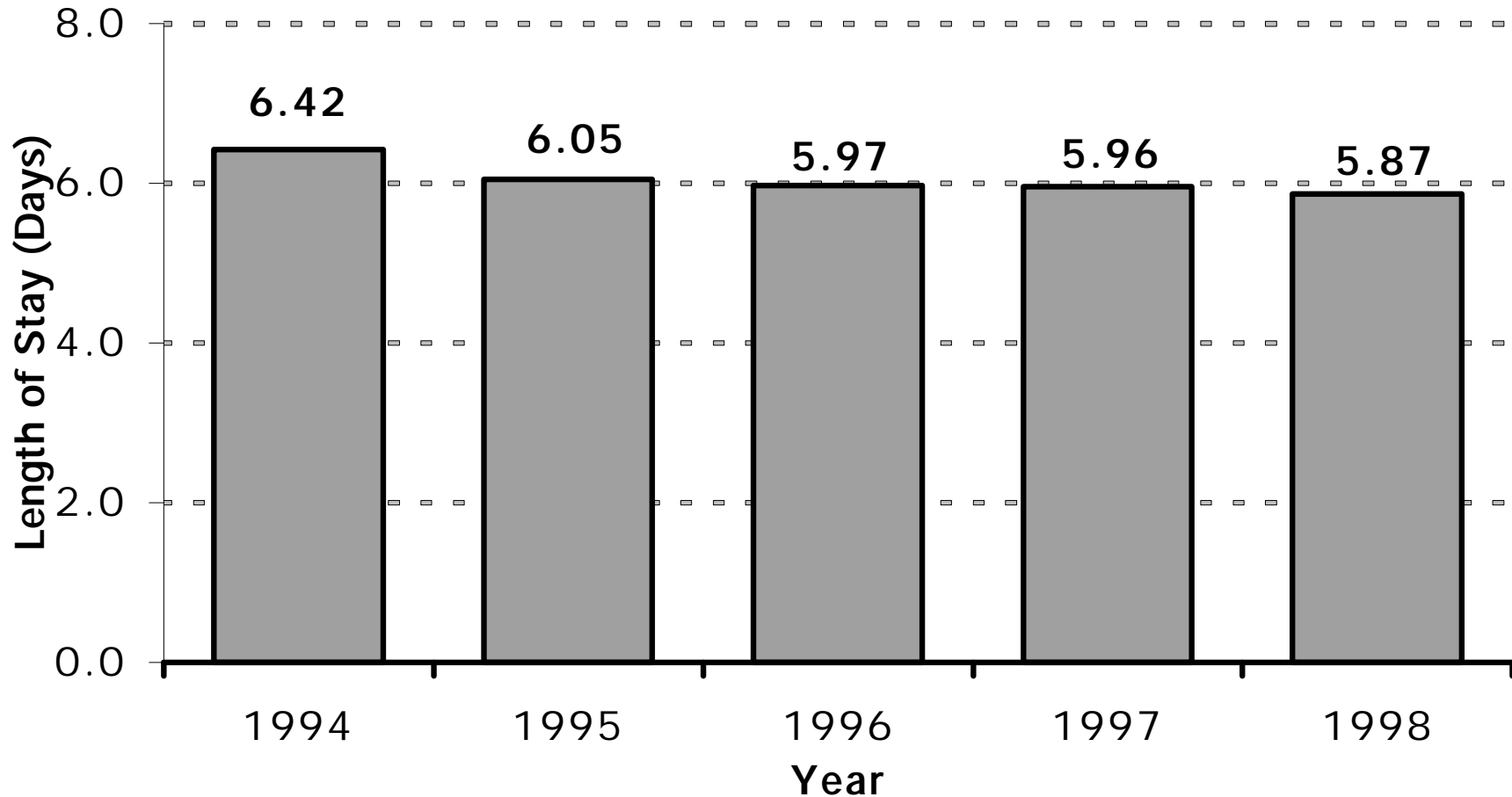


**Note:** Calculations are based on reporting operating beds and average daily census from the eleven District of Columbia acute care non-federal hospitals.

**Source:** DCHA Quarterly Occupancy and Bed Capacity Survey

# Average Length of Stay

District of Columbia Hospitals Acute Care Hospitals  
Five Year Trend: 1994 - 1998

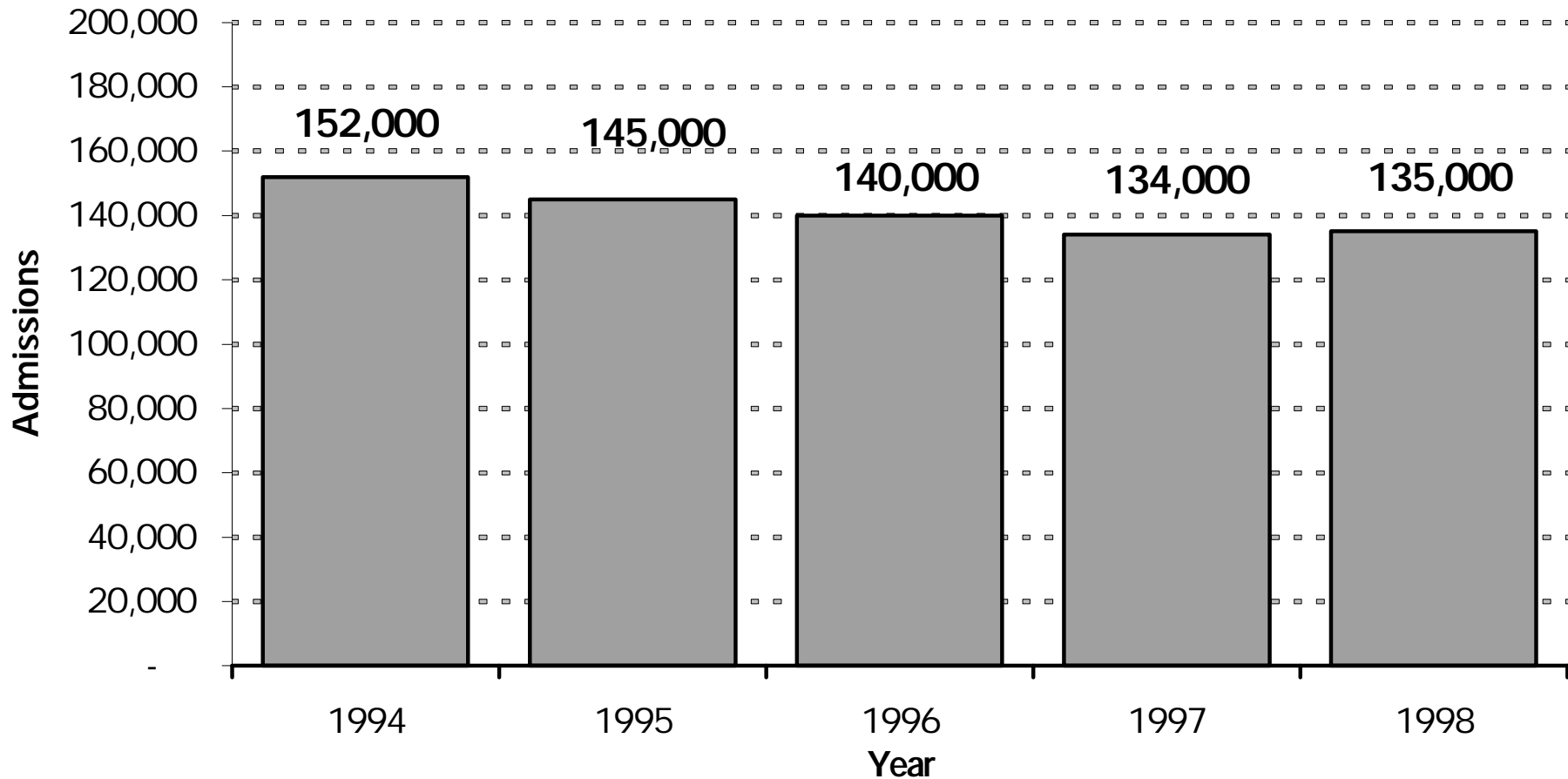


**Note:** Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.  
**Note:** "Average Length of Stay" (ALOS) is defined as patient days/admissions. The primary purpose of the ALOS calculation is to display trends and should not be confused with hospital internal ALOS calculations that are defined as patient days/discharges.  
**Source:** DCHA Monthly Utilization Survey

# Inpatient Admissions

District of Columbia Acute Care Hospitals

Five Year Trend: 1994 - 1998



**Note:**

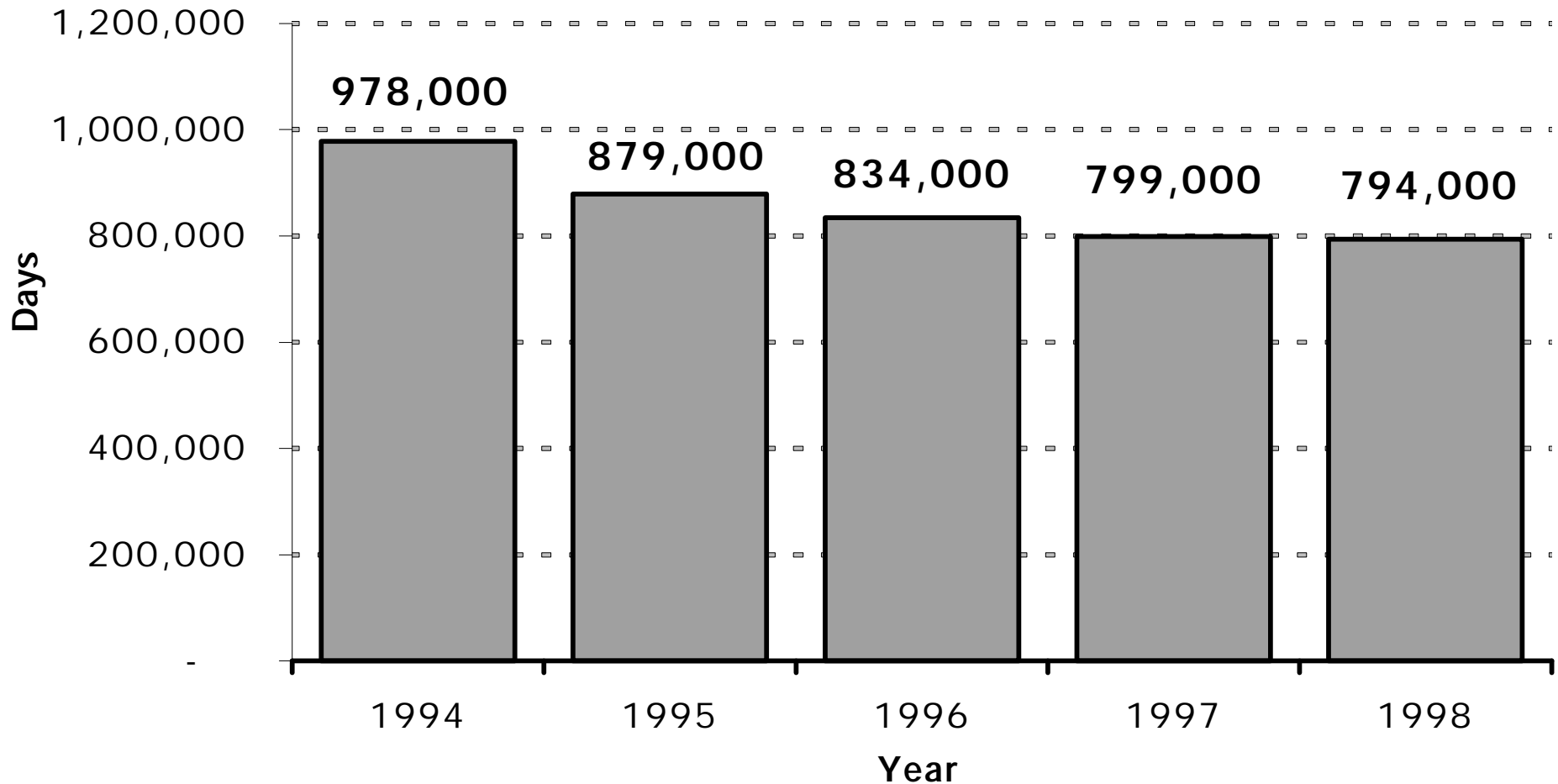
Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.

**Source:**

DCHA Monthly Utilization Survey

# Inpatient Days

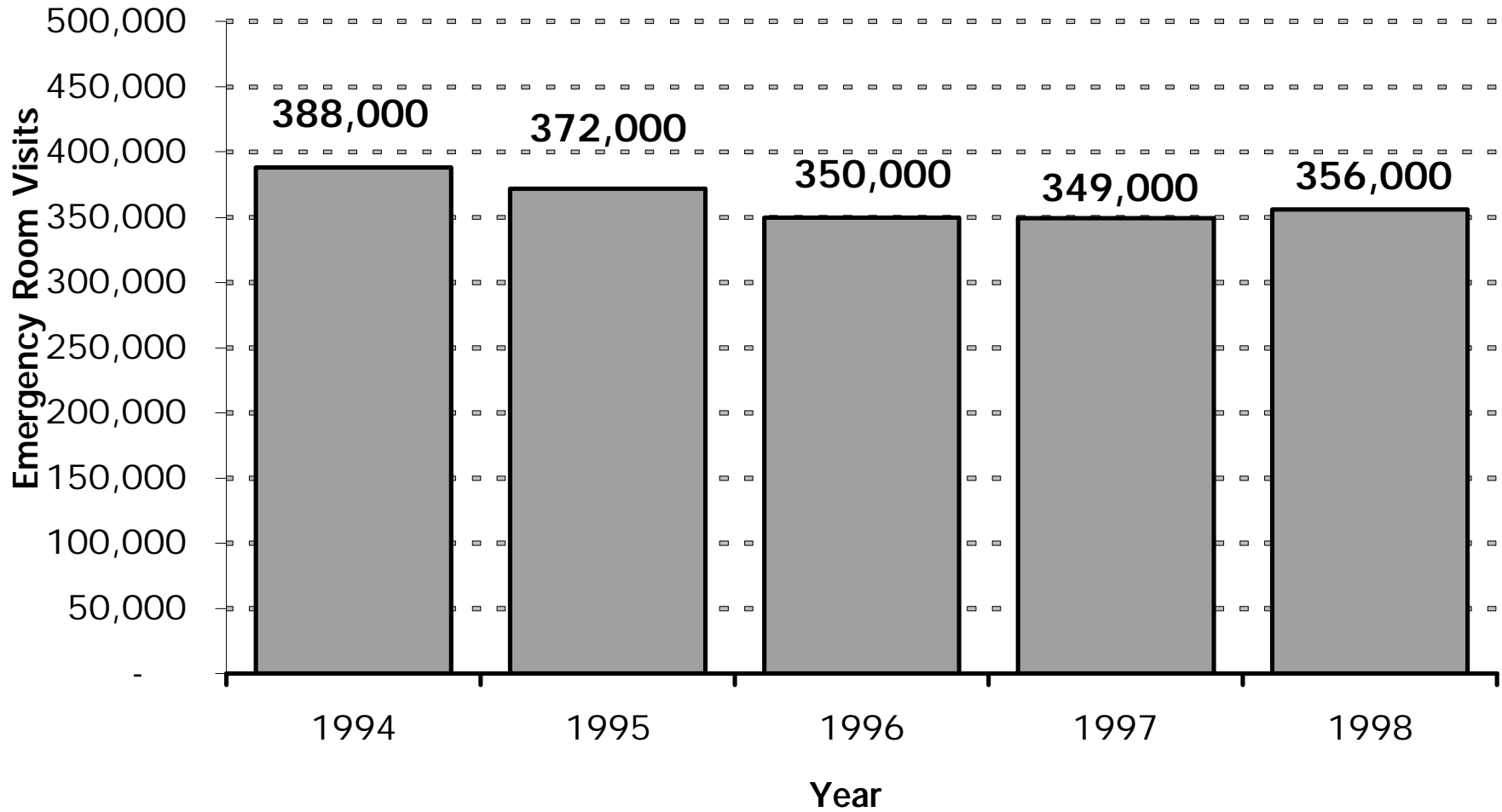
District of Columbia Acute Care Hospitals  
Five Year Trend: 1994 - 1998



**Note:** Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.  
**Source:** DCHA Monthly Utilization Survey

# Emergency Room Visits

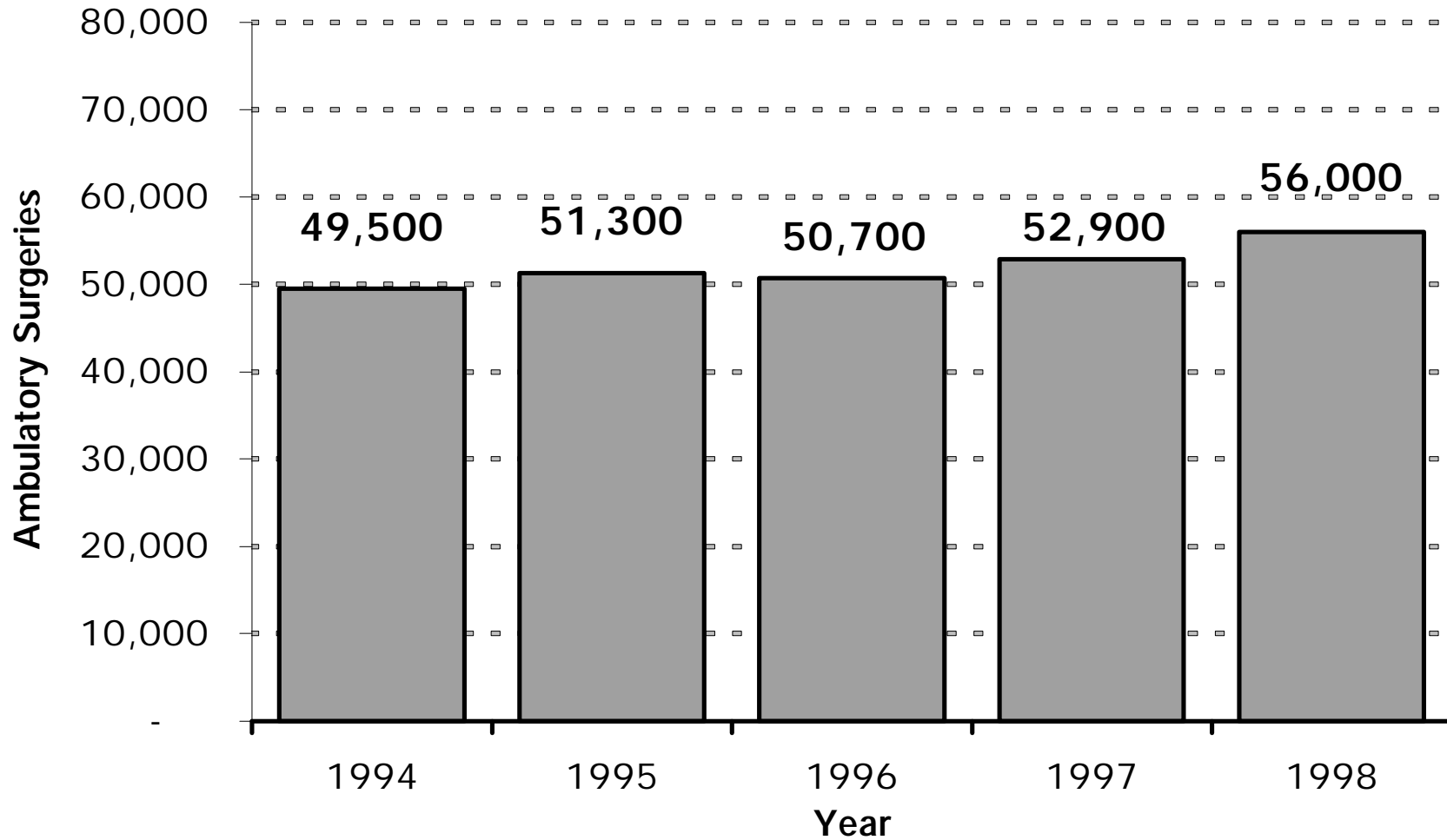
District of Columbia Acute Care Hospitals  
Five Year Trend: 1994 - 1998



**Note:** Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.  
**Source:** DCHA Monthly Utilization Survey

# Ambulatory Surgeries

District of Columbia Acute Care Hospitals  
Five Year Trend: 1994 - 1998



**Note:** Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.  
**Source:** DCHA Monthly Utilization Survey

# Admissions and Patient Days

## District of Columbia Hospitals

	Admissions			Patient Days		
	1997	1998	% Change	1997	1998	% Change
<b>Acute Care Hospitals</b>						
Children's National Medical Center	9,795	9,006	-8.05%	59,513	56,368	-5.28%
Columbia Hospital for Women Medical Center	6,213	5,847	-5.89%	19,487	17,472	-8.95%
District of Columbia General Hospital	9,286	9,580	3.17%	61,158	56,522	-7.58%
George Washington University Hospital	11,303	11,785	4.26%	58,231	58,121	-0.19%
Georgetown University Hospital	14,405	14,710	2.12%	83,715	84,706	1.18%
Greater Southeast Community Hospital	12,166	11,139	-8.44%	80,722	75,088	-7.00%
Hadley Memorial Hospital	1,860	1,627	-12.53%	15,656	12,705	-18.85%
Howard University Hospital	10,606	11,695	10.27%	71,857	80,882	12.48%
Providence Hospital	12,348	12,317	-0.25%	82,311	81,827	-0.59%
Sibley Memorial Hospital	10,706	10,581	-1.17%	56,850	56,618	-0.41%
Washington Hospital Center	35,340	37,128	5.06%	209,561	214,046	2.14%
<b>SUBTOTAL</b>	<b>134,028</b>	<b>135,415</b>	<b>1.03%</b>	<b>799,061</b>	<b>794,355</b>	<b>-0.59%</b>
<b>Other Hospitals</b>						
Hospital for Sick Children	313	317	1.28%	27,934	22,983	-17.72%
MedLINK Hospital at Capitol Hill	184	268	45.65%	6,163	9,217	49.55%
National Rehabilitation Hospital	1,650	1,610	-2.42%	37,146	34,025	-8.40%
Psychiatric Institute of Washington, D.C.	1,610	1,490	-7.45%	21,525	23,007	6.89%
Saint Elizabeths Hospital/CMHS	2,352	2,420	2.89%	277,386	266,647	-3.87%
Veterans Affairs Medical Center	6,400	6,008	-6.13%	54,154	49,727	-8.17%
Walter Reed Army Medical Center	14,267	11,471	-19.60%	91,353	72,595	-20.53%
<b>SUBTOTAL</b>	<b>26,776</b>	<b>23,584</b>	<b>-11.92%</b>	<b>515,661</b>	<b>478,201</b>	<b>-7.26%</b>
<b>GRAND TOTAL</b>	<b>160,804</b>	<b>158,999</b>	<b>-1.12%</b>	<b>1,314,722</b>	<b>1,272,556</b>	<b>-3.21%</b>

Source: DCHA Monthly Utilization Survey

# Emergency Room and Ambulatory Surgeries

## District of Columbia Hospitals

	Emergency Room Visits			Ambulatory Surgeries		
	1997	1998	% Change	1997	1998	% Change
<b>Acute Care Hospitals</b>						
Children's National Medical Center	48,453	48,543	0.00%	3,734	3,846	3.00%
Columbia Hospital for Women Medical Center	N/A	N/A	N/A	4,305	4,197	-2.51%
District of Columbia General Hospital	50,415	51,627	2.40%	1,779	1,732	-2.64%
George Washington University Hospital	42,617	41,928	-1.62%	5,080	5,813	14.43%
Georgetown University Hospital	20,732	21,547	3.93%	5,570	6,945	24.69%
Greater Southeast Community Hospital	41,388	38,915	-5.96%	3,319	3,230	-2.68%
Hadley Memorial Hospital	8,718	8,240	-5.48%	1,105	1,238	12.04%
Howard University Hospital	36,316	40,821	12.41%	4,845	4,566	5.76%
Providence Hospital	31,738	31,898	0.50%	6,876	7,289	6.01%
Sibley Memorial Hospital	20,063	20,566	2.51%	6,445	6,306	-2.16%
Washington Hospital Center	49,021	51,425	4.9%	9,844	10,804	9.75%
<b>SUBTOTAL</b>	<b>349,461</b>	<b>355,510</b>	<b>1.73%</b>	<b>52,902</b>	<b>55,966</b>	<b>5.79%</b>
<b>Other Hospitals</b>						
Veterans Affairs Medical Center	24,959	15,657	-37.27%	2,739	2,584	-5.66%
Walter Reed Army Medical Center	18,191	18,386	1.07%	13,361	11,286	-15.53%
<b>SUBTOTAL</b>	<b>43,150</b>	<b>34,043</b>	<b>-21.11%</b>	<b>16,100</b>	<b>13,870</b>	<b>-13.85%</b>
<b>GRAND TOTAL</b>	<b>392,611</b>	<b>389,553</b>	<b>-0.78%</b>	<b>69,002</b>	<b>69,836</b>	<b>1.21%</b>

**Note:** Includes data for all hospitals providing emergency room services and ambulatory surgeries.

**Source:** DCHA Monthly Utilization Survey

# Market Share of Acute Care Hospitals

## District of Columbia

### Calendar Year 1998

Acute Care Hospitals	Percentage of District Hospital's Totals			
	Admissions	Patient Days	Emergency Room Visits	Ambulatory Surgeries
Children's National Medical Center	6.65%	7.10%	13.65%	6.87%
Columbia Hospital for Women Medical Center	4.32%	2.20%	N/A	7.50%
District of Columbia General Hospital	7.07%	7.12%	14.52%	3.09%
George Washington University Hospital	8.70%	7.32%	11.79%	10.39%
Georgetown University Hospital	10.86%	10.66%	6.06%	12.41%
Greater Southeast Community Hospital	8.23%	9.45%	10.95%	5.77%
Hadley Memorial Hospital	1.20%	1.60%	2.32%	2.21%
Howard University Hospital	8.64%	10.17%	11.48%	8.16%
Providence Hospital	9.10%	10.30%	9.97%	13.02%
Sibley Memorial Hospital	7.81%	7.13%	5.78%	11.27%
Washington Hospital Center	27.42%	26.95%	14.47%	19.30%
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

**Note:** Calculations are based on reported utilization figures for the eleven District of Columbia acute care non-federal hospitals.  
**Source:** DCHA Monthly Utilization Survey

# Definition of Terms

Bed Capacity:	The average number of operating beds (staffed beds) during the reporting period.
Ambulatory Surgeries:	The number of scheduled surgical services provided to patients who do not remain in the hospital overnight.
Emergency Room Visits:	The number of visits to the hospital's emergency unit, including those resulting in admissions.
Inpatient Admissions:	The number of patients, excluding newborns, accepted for inpatient services during the entire reporting period.
Inpatient Days:	The number of adult and pediatric days of care, excluding newborn days of care, rendered during the entire reporting period.
Length of Stay:	Average number of days per inpatient admission during the reporting period, derived by dividing the number of inpatient days by the number of admissions.
Market Share:	The number of cases from an individual hospital divided by the aggregate number from all hospitals for a defined indicator (admissions, patient days, etc.)