

***GUAM MEMORIAL HOSPITAL
AUTHORITY***

STRATEGIC PLAN

2004 - 2006

WHEREAS, the commitment is manifested through goals and objectives, most currently for the next two years as proposed in the Guam Memorial Hospital Strategic Plan for 2004-2006; and

WHEREAS, five major goals and objectives map out the processes and/or activities to be undertaken the next two years, and expressed below in outline format as follows:

GOAL NO. 1: FINANCIAL SECURITY

Objective 1. Increase in Cash Flow

- a) Billing accuracy & timeliness
- b) Improved payor account management
- c) Outsource self-pay credit and collection
- d) CDM cleanup & maintenance

Objective 2. Increase Revenue

- a) Fee increase
- b) CDM update
- c) Charge capture tactics & technology
- d) Tax-based funding
- e) New business development
 - a. Cardiac service line
 - b. Diabetes & ESRD service lines
 - c. Oncology service line
 - d. Physician recruitment
 - e. LPN certificate program
 - f. Primary care/family practice residency program
 - g. Patient & family education services
- f) Medicare reimbursement optimization

pricing and terms

GOAL NO. 2: CLINICAL DEVELOPMENT

Objective 1. Competency Assessment and Development

- a) Clinical Nurse Specialist (Nurse III)
- b) Migrate to team nursing from functional nursing
- c) Achieve acceptable staff-to-patient ratios (JCAHO H.R.1.10)
 - a. Recruitment & retention
 - b. Regulatory relief for compensation, position development
- d) Training and development (JCAHO H.R. 2.10,2.30)
 - a. On-going NCLEX review classes for local and off-shore nursing candidates.
 - b. Development of a licensed practical nurse diploma program

Objective 2. Surveillance, Prevention and Control of Infection

- a) Develop a coordinated process to reduce nosocomial infection risk
- b) Re-develop the Infection Control Committee
- c) Develop Infection Control staff
- d) Training and development

Objective 3. Improve Organizational Performance

- a) Implement a useable "data dashboard"
- b) Implement department and cross-cutting analysis and corrective action
- c) Institute cultural change for organizational improvement

Objective 4 Improve the Management Efficiency Resources

- a) The management of staff resources to ensure the hospital is efficient, economical and operational (11.1, 11.2, 11.3, 11.4)
- b) Training and development staff (11.1, 11.2, 11.3, 11.4)
- c) Regularly review the hospital's performance and efficiency system for quality improvement.

GOAL NO. 4: IMPROVE THE QUALITY OF CARE

- Objective No.1. Outsource Environmental services so that there are adequate resources to man the hospital's cleanliness.
- Objective No. 2. Improve the preventative maintenance cycle and link the repair or replace cycle with capital funding cycle.
- Objective No. 3. Insure that patient staff and visitors are safe
- a) Outsource security services so that there are adequate resources for security.
 - b) Reduce inventory/material shrinkage.
- Objective No. 4. Plan for adequate bed capacity
- a) Fast track room renovation
 - b) Multi-use beds; Med/Surg to Med Telemetry
 - c) Capital plan to increase bed capacity to 275

GOAL NO 4: JCAHO ACCREDITATION

- Objective No.1. Complete extranet survey and statement of conditions in 3rd quarter, FY04
- Objective No. 2. Successful site survey in 2nd quarter, FY05 resulting in accreditation
- Objective No. 3. Eighteen (18) month extranet survey in FY06
- Objective No. 4. Recertification in FY08

GOAL NO. 5: REORGANIZATION

- Objective No.1. Introduce a stream-lined management structure
- Objective No. 2. Outsourcing for value

Board of Trustees

Objective 1

Recognized hospital accreditation and commitment to the health of the community

WHEREAS, the above-mentioned goals and objectives have been presented by the

WHEREAS, the Planning & Development Committee has recommended approval of the strategic plan at the regular meeting of the Board of Trustees on May 27, 2004, and

RESOLVED, that the Board of Trustees approves and adopts the goals and objectives stated in the Guam Memorial Hospital Authority Strategic Plan 2004-2006 along with the task sheet presented at its regular meeting on May 27, 2004; and be it further

RESOLVED, that the Hospital Administrator/CEO is authorized to initiate processes and/or implement policies and procedures to effectuate said goals and objectives; and be it further

RESOLVED, that copies of the 2004-2006 strategic plan be forwarded the Chairperson of the Committee of Rules & Health of the 27th Guam Legislature, President of the GMHA Medical Staff, President of the GMHA Volunteers Association, and GMHA Executive Management Council; and be it further

RESOLVED, that the Chairman certifies and the Secretary attests to the adoption of this resolution.

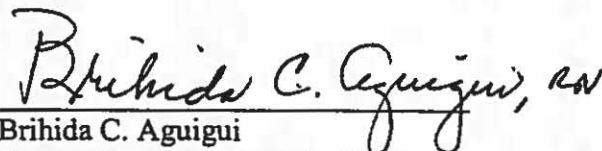
Duly and regularly adopted on the 27th day of May 2004.

Certified by:

Attested by:



Philip J. Flores
Chairman, Board of Trustees



Brihida C. Aguigui
Trustee/Secretary, Board of Trustees

GUAM MEMORIAL HOSPITAL

AUTHORITY

STRATEGIC PLAN

2004 - 2006

ENVIRONMENTAL ASSESSMENT

COMMUNITY SERVED

Guam's civilian population has grown steadily over the years and is expected to reach 180,000 by the end of the decade. Population in our secondary market is 196,000 including Saipan, Palau and the Federated States of Micronesia. Table 1 tracks the population growth experience since 2000 and projected through 2010.

TABLE 1
Civilian Population
Projections
Guam: 2000 - 2010

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Population	154,178	156,931	160,015	163,941	166,996	169,969	172,874	175,721	178,513	181,257	183,959

Source: Census and Population, Department of Commerce

The growth in the Island's civilian population indicates an increase in the need for healthcare services, and especially signals GMHA's need to evaluate the availability of acute care and skilled nursing beds. By examining the aging of the population, the Authority can project the types of services GMH may be expected to provide. Table 2 details Guam's civilian population by age from 1996 through 2002. Although the island's population is relatively young, the population projections indicate that the

TABLE 2

Group	1996	1997	1998	1999	2000	2001	2002
0	4,145	4,247	4,199	4,054	3,918	3,824	3,761
1 - 4	16,097	16,263	16,509	16,501	16,380	16,233	15,883
5 - 9	15,465	16,290	17,357	18,459	19,165	19,628	20,162
10 - 14	12,714	12,804	13,027	13,393	14,109	15,023	16,048
15 - 19	10,884	11,087	11,445	11,762	12,010	12,289	12,549
SubTotal	59,305	60,691	62,537	64,169	65,582	66,997	68,403
20 - 24	9,627	9,310	9,394	9,552	9,785	10,157	10,616
25 - 29	12,177	11,176	10,300	9,570	9,011	8,695	8,729
30 - 34	12,355	12,214	12,215	12,080	11,793	11,320	10,674
35 - 39	11,320	11,347	11,429	11,501	11,522	11,599	11,745
40 - 44	10,065	10,193	10,373	10,522	10,694	10,878	11,047
SubTotal	55,544	54,240	53,711	53,225	52,805	52,649	52,811
45 - 49	8,293	8,654	8,999	9,312	9,583	9,813	9,998
50 - 54	5,623	6,078	6,618	7,147	7,627	8,064	8,451
55 - 59	4,615	4,633	4,684	4,800	5,017	5,364	5,832
60 - 64	3,860	3,949	4,057	4,159	4,243	4,301	4,342
SubTotal	22,391	23,314	24,358	25,418	26,470	27,542	28,623
65 - 69	3,248	3,303	3,357	3,408	3,471	3,552	3,643
70 - 74	2,228	2,373	2,509	2,631	2,736	2,814	2,885
75+	2,207	2,407	2,629	2,865	3,114	3,377	3,650
SubTotal	7,683	8,083	8,495	8,904	9,321	9,743	10,178
TOTAL	144,923	146,328	149,101	151,716	154,178	156,931	160,015

Source: Department of Public Health and Social Services

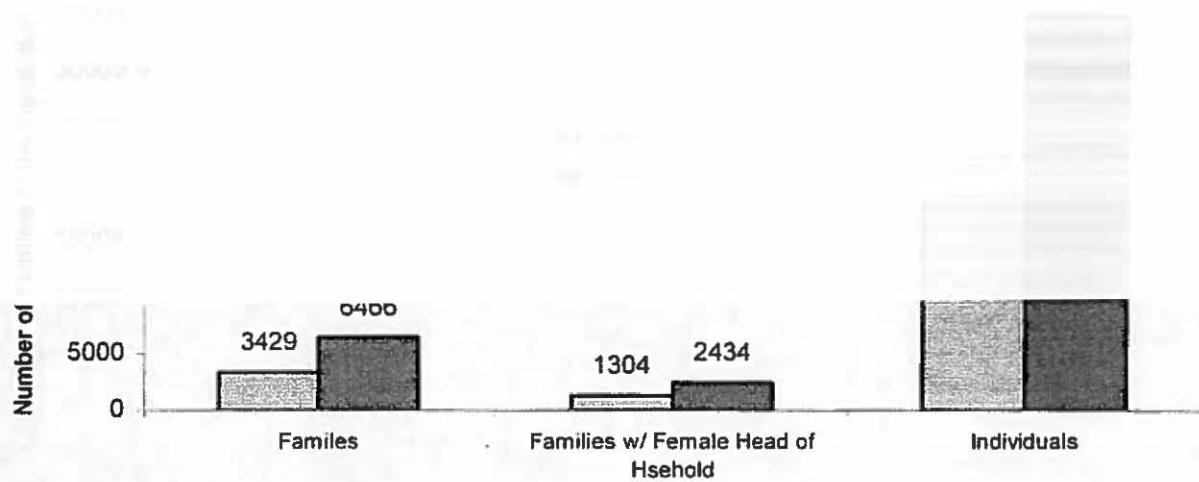
The population of young adults, from **ages 20 through 44 years**, is increasing as well. This segment of the population includes women of childbearing ages who comprise nearly one third of GMH's inpatient discharges. GMH records approximately 300 live births per month. In addition, the Hospital is seeing more patients, from **ages 45 through 64 years**, with complications of chronic diseases of diabetes and hypertension (i.e. Myocardial Infarction, Cerebral Vascular Accident & ESRD). Accordingly the demand for medical telemetry beds is consistent. The senior population **ages 65 years and above**, has been growing steadily. As the population ages and the life expectancy increases, there is a growing need for long stay care beds, especially intermediate care , nursing home beds, and support for terminal conditions such as cancer care and Hospice. GMHA does not provide ICF, Long Term care or Hospice services.

The changes in the Island's population affect the demand for hospital services. This is evidenced in the comparison of inpatient acute care beds to the population. Pre Typhoon Pongsona, GMHA provided .97 beds per 1000 population. Post typhoon (2003), GMHA provided .85 beds per 1000 population due to physical damages. Reconstruction is expected by mid 2004, but will reduce GMHA's acute care capacity to 172 beds from 192 due to conversion of the 4-bed wards to semi private rooms, for a ratio of 1.02 beds per 1000 population. With Guam's expected increase in population by 2010 GMHA will provide .92 beds per 1000 population.

nursing care at the Skilled Nursing Unit; **adults** will continue to use emergency room services as well as receiving treatment for complications of chronic diseases; and **children/young adults** will also require services in the emergency room in addition to the pediatric unit. GMHA also needs to identify and address the acute care needs of individuals who are disabled.

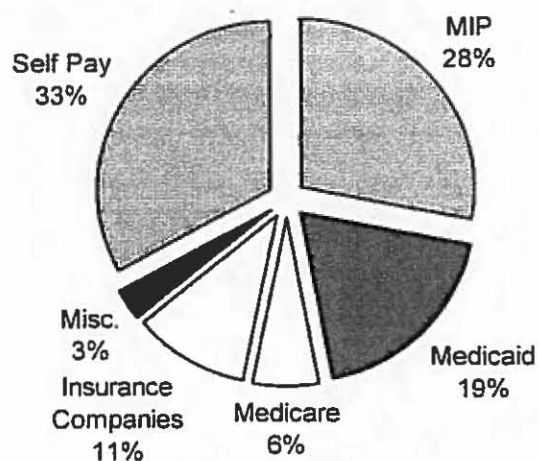
The population below the poverty level nearly doubled from 23,690 in 1990 to 43,693 in 2000 as shown in Figure 1. Based on the 2000 census report, persons living below the poverty level comprised of 28 percent of the population in 2000. In the 1990 census, 18% of the population fell below the poverty level. The number of poor and uninsured people rose as education attainment, employment opportunities, childcare and cost of living may have contributed to the increase.

FIGURE 1
Population Lying Below the Poverty Status



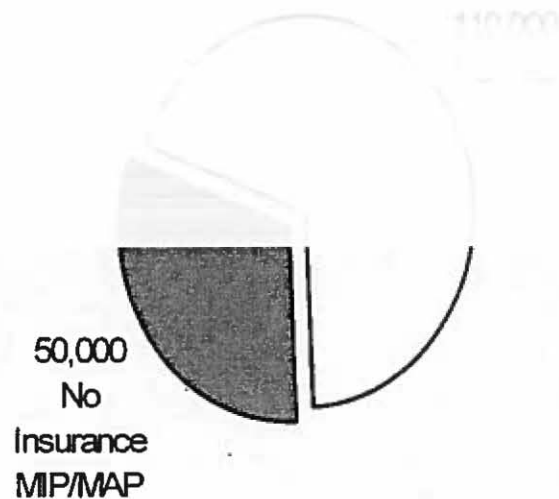
Source: Guam Annual Economic Review 2000-2001, Bureau of Statistics

**FIGURE 3
DISCHARGE BY FINANCIAL CLASS
FISCAL YEAR 2003**



Source: GMHA, Patient Affairs Department

In Figure 3 the Department of Public Health and Social Services estimates 50,000 individuals on Guam are uninsured or underinsured. The uncompensated cost of care for this population is borne by GMHA's and private providers, at an expense of \$30 million per year (inpatient services only) and is non-funded by GovGuam.



Source: Department of Public Health and Social Services

LEADING HEALTH ISSUES

When planning health care for a community, it is also important to consider the patterns of illnesses within the community. There are two health indicators that GMHA includes in its environmental assessment: the Island's leading causes of death and the Hospital's most common discharge diagnoses. Evaluating and understanding this information offers insight as to where the Hospital will need to focus its efforts and plans for the future.

Leading Causes of Death

Table 3 lists the top 10 leading causes of death in Guam for the years 1994 through 1997. The leading cause of death is Disease of the Heart, followed by Neoplasm, Cerebrovascular Disease, Diabetes Mellitus, Suicide, All Other Accidents, Motor Vehicle Accidents, Other Disease of the Central Nervous System ALS/PD, Pneumonia, and Homicide. The rate of death for all causes is 628 per 100,000 in 1994, 626 in 1995, 627 in 1996, and 639 in 1997. The rate of death for Disease of the Heart is 163 per 100,000 in 1994, 175 in 1995, 145 in 1996, and 183 in 1997. The rate of death for Neoplasm is 88 per 100,000 in 1994, 100 in 1995, 107 in 1996, and 83 in 1997. The rate of death for Cerebrovascular Disease is 37 per 100,000 in 1994, 43 in 1995, 40 in 1996, and 52 in 1997. The rate of death for Diabetes Mellitus is 39 per 100,000 in 1994, 29 in 1995, 41 in 1996, and 31 in 1997. The rate of death for Suicide is 23 per 100,000 in 1994, 23 in 1995, 31 in 1996, and 30 in 1997. The rate of death for All Other Accidents is 32 per 100,000 in 1994, 49 in 1995, 34 in 1996, and 28 in 1997. The rate of death for Motor Vehicle Accidents is 28 per 100,000 in 1994, 31 in 1995, 20 in 1996, and 25 in 1997. The rate of death for Other Disease of the Central Nervous System ALS/PD is 9 per 100,000 in 1994, 9 in 1995, 9 in 1996, and 16 in 1997. The rate of death for Pneumonia is 23 per 100,000 in 1994, 23 in 1995, 14 in 1996, and 16 in 1997. The rate of death for Homicide is 11 per 100,000 in 1994, 8 in 1995, 15 in 1996, and 13 in 1997. The rate of death for Perinatal Conditions is 16 per 100,000 in 1994, 16 in 1995, 21 in 1996, and 13 in 1997. The rate of death for Chronic Liver Disease and Cirrhosis is 16 per 100,000 in 1994, 16 in 1995, 14 in 1996, and 11 in 1997. The rate of death for Congenital Anomalies is 12 per 100,000 in 1994, 8 in 1995, 7 in 1996, and 7 in 1997.

TABLE 3

10 LEADING CAUSES OF DEATH Guam: 1994-1997

	1994	R	1995	R	1996	R	1997	R
All Causes	628		626		627		639	
Disease of the Heart	163	1	175	1	145	1	183	1
Neoplasm	88	2	100	2	107	2	83	2
Cerebrovascular Disease	37	4	43	4	40	4	52	3
Diabetes Mellitus	39	3	29	6	41	3	31	4
Suicide	23	8	23	7	31	6	30	5
All Other Accidents	32	6	49	3	34	5	28	6
Motor Vehicle Accidents	28	7	31	5	20	8	25	7
Other Disease of the Central Nervous System ALS/PD	9		9		9		16	8
Pneumonia	23	5	23	7	14	10	16	8
Homicide	11		8	9	15	9	13	10
Perinatal Conditions	16	9	16		21	7		
Chronic Liver Disease and Cirrhosis	16	9	16	9	14	11		
Congenital Anomalies	12		8		7			

Source: Office of Vital Statistics, Department of Public Health & Social Services

Leading Discharge Diagnoses

In addition to the leading causes of death, GMHA analyzes the Hospital's Leading discharge diagnoses. Table 4 lists the top 25 discharge diagnoses for fiscal years 1998 through 2002. More than half is directly related to childbirth. In fact, the three most common diagnoses are: Single Live Birth; Normal Delivery; and Primary C-Section. The volume of childbirth services most certainly impacts upon the maternity and

congestive heart failure.

Patients with respiratory conditions such as pneumonia, asthma and bronchitis have been admitted to the adult medical units as well as pediatrics. Dehydration due to

TABLE 4

Top 25 Discharge Diagnosis

	FY98	R	FY99	R	FY00	R	FY01	R	FY02	R
Single LB-In Hosp NEC	3406	1	3079	1	2793	1	2137	1	1795	1
Pneumonia	457	5	413	6	453	3	533	4	611	2
Single LB, Hosp, Del By CD							714	2	590	3
Normal Delivery	923	2	943	2	821	2	590	3	552	4
Hypovolemia (Dehydration)	238	10	209	10	192	10	364	5	293	5
Congestive Heart Failure	274	7	298	8	273	8	281	7	277	6
Previous CD Nos-Del					313	7	319	6	263	7
Delivery with 1deg Laceration	460	4	475	4	374	4	226	8	191	8
AC Bronchiolitis	142	13	132	13	104	14	116	14	169	9
Cellulitis of Leg	116	16	166	11	142	12	147	11	153	10
Delivery with 2deg Laceration	377	6	461	5	317	6	193	9	147	11
Urinary Tract Infections	83	21	96	19	92	17	147	10	124	12
Septicemia	96	17	115	16	77	21	127	13	113	13
Early Onset Delivery-Del					75	25	101	16	113	14
OCB w/Acute Exacerbation					94	16	70	24	107	15
Gastrointestinal Hemorrhage			96	21	80	19	73	23	97	16
Cor As-Graft Type NOS					75	23			96	17
Threat Premature Labor			118	14	79	20	90	18	92	18
Asthma Nos w AC Exacer									91	19
GU Infection-Delivered									91	20
Asthma	188	11	218	9	149	11	132	12	87	21
Sngl LB- Before Adm									72	22
Chemotherapy Encounter					83	18			69	23
Anemia - Delivery			84	23	77	22			68	24
Cereb Art Occl w Infarct									67	25

Source: GMHA Medical Records Department

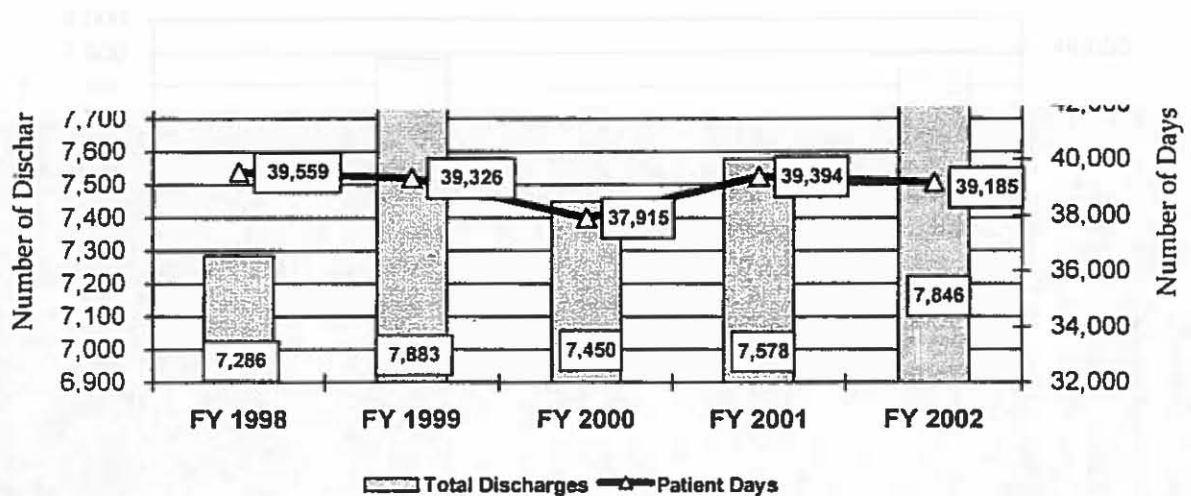
UTILIZATION

The Authority monitors the utilization of hospital services. The Authority monitors the utilization of inpatient services, the number and type of emergency room visits, the number and type of surgeries, and trends in the use of outpatient services. Data related to hospital utilization is a significant factor in the Authority's plans for services and programs.

Inpatient Care: Discharges and Patient Days

When evaluating inpatient statistics, the Hospital considers patient days and discharges for each unit. Figures 4, 5 and 6 depict the trend in patient days and discharges for Acute Care, the Skilled Nursing Unit and the Obstetrics Ward.

FIGURE 2.1.6
 DISCHARGES AND PATIENT DAYS
 IN ACUTE CARE UNITS
 Guam Memorial Hospital
 FY 1998 - FY 2002

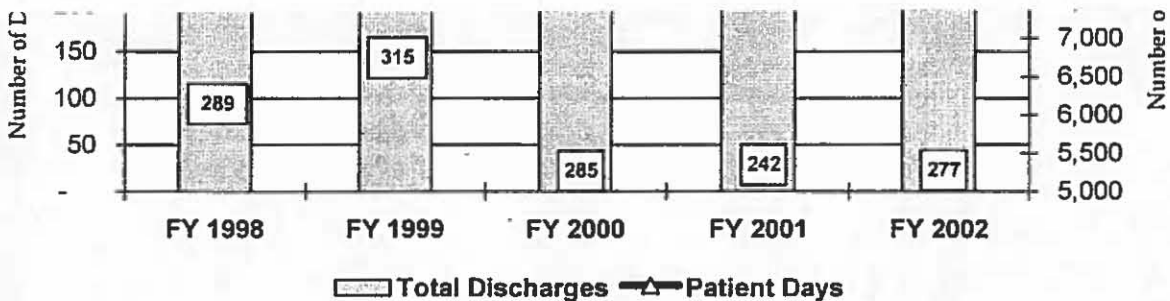


The GMHA uses the number of discharges and patient days to measure inpatient utilization. GMHA has experienced increases in the total discharges and the total patient days. Between the 5-year period from FY98 through FY02, the acute care discharges increased by 15 percent. This reflects a 3 percent average annual growth.

The total number of patient days increased 12 percent from FY98 through FY02. This represents an average annual growth of 2 percent between the 5-year period. The increases may be attributed to the rise in respiratory ailments especially among the Island's youth. Another may be an increase in the number of acute medical conditions associated with heart failure, diabetes, strokes and accidents.

In the Skilled Nursing Unit (SNU), the total number of patient days fell 8 percent from FY98 through FY02.

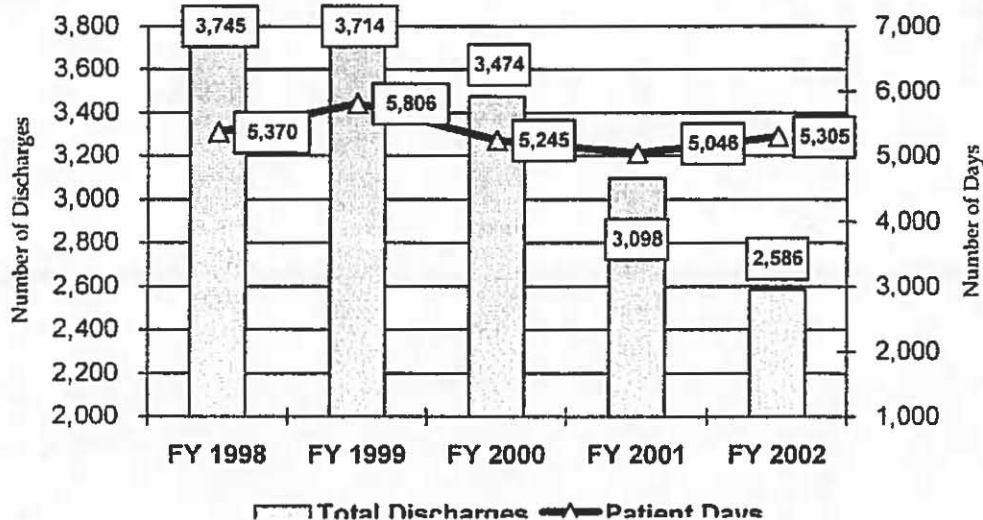
FIGURE 5
DISCHARGES AND PATIENT DAYS
IN THE SKILLED NURSING UNIT
Carmichael Memorial Hospital
FY 1998 - FY 2002



Source: GMHA Medical Records Department

However, the total number of discharges increased 42 percent from FY98 through FY02. The drop in patient days and the considerable increase in the number of discharges suggest the length of stay may be becoming shorter. More aggressive discharge plan and the increase in home health care services contributed to a shorter stay in skilled nursing.

Figure 6 represents utilization within the Hospital's Obstetric Unit. Since obstetric cases comprise nearly one-third of the Hospital's inpatient discharges, the utilization for the

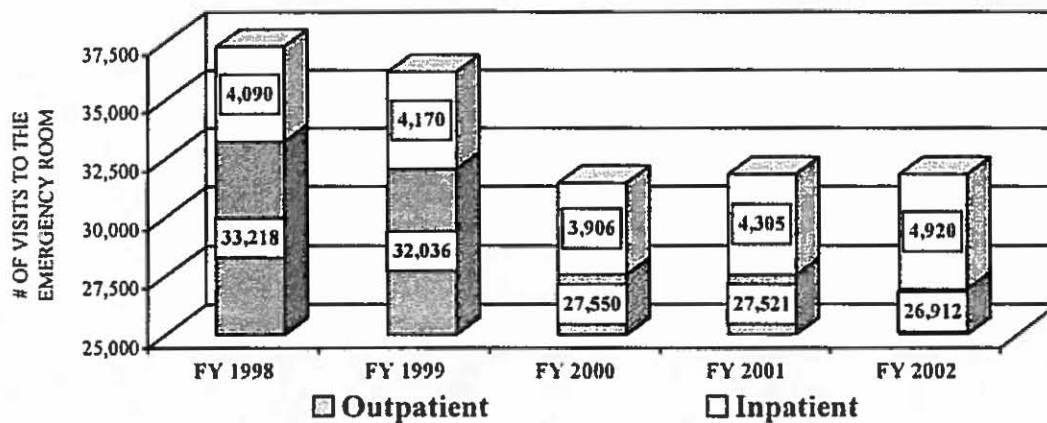


admissions and require longer hospital stay.

Emergency Services

Figure 7, reflects that the Emergency Room (ER) has experienced a decrease in the number of outpatient visits and an increase in the numbers of admits.

FIGURE 7
EMERGENCY ROOM VISITS
Guam Memorial Hospital:
FY 1998 - FY 2002



Source: GMHA Emergency Room Department

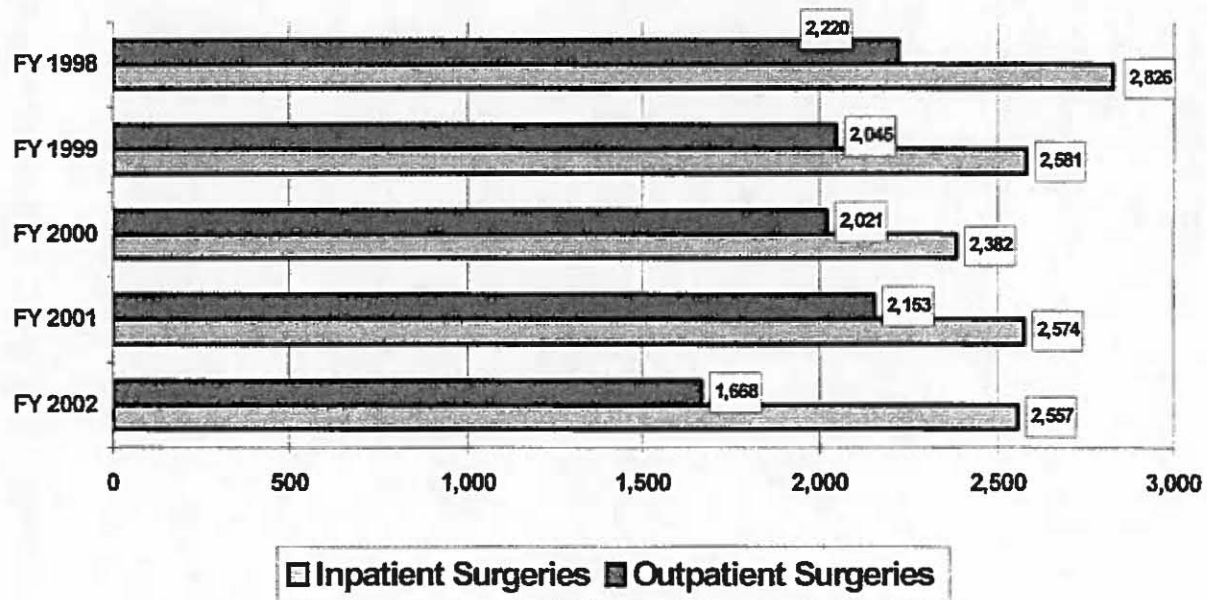
hours of operations for urgent care. This allows outpatients to see their own physicians at a more personal level offered by the clinics.

Inpatient visits, or admissions through the Emergency Room, experienced an average annual growth of 4 percent over the five-year period. It took a dip in FY00 but the inpatient visits gradually rose in FY 01 and in FY02. Despite the availability of primary care on the Island, many of the patients who are admitted through the ER do not come to the Emergency Room until their illness is at an acute stage. By that time, these patients must be admitted to the hospital and are generally expected to have longer hospital stays.

Surgical Services

Figure 8, reflects that the Operating Room (OR) has experienced a decline in outpatient surgeries. The OR observed the largest drop in the last two years. The number of outpatient surgeries sharply fell from 2,153 in FY01 to 1,668 in FY 02. This represents a 22 percent decrease, due primarily to the opening of Guam Surgicenter, a Medicare approved ambulatory surgery center. OR experienced an average 6 percent annual decrease in outpatient surgeries from FY98 through FY02. GMHA may expect this trend to continue, as outpatient procedures are more frequently being performed in

FIGURE 8
SURGICAL SERVICES
Guam Memorial Hospital:
FY 1998 - FY 2002



Source: GMHA Operating Room

Outpatient Visits

In addition to evaluating outpatient services in the Emergency Room and Operating Room, the GMHA reviews ambulatory services in the following departments:

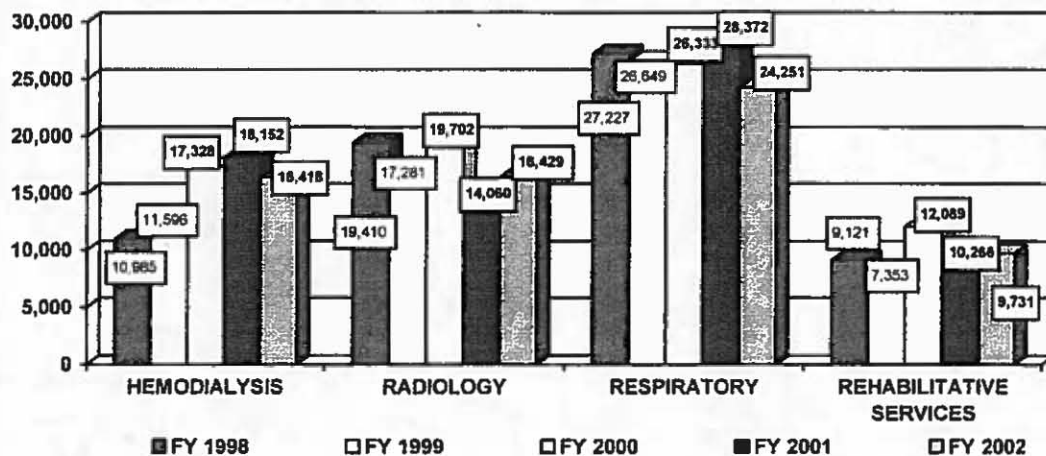
contributed to the decline in dialysis treatments. With the reduction of shifts, we can expect the number of treatments to continue a steady decline over the next years.

Radiology statistics overall show a 1.3 percent total growth from FY98 through FY02. Significant increases took place in FY98 and in FY00. In FY98, the sharp increase was due to the reinstatement of the Hospital's mammography program and the emergency procedures provided in the aftermath of Typhoon Paka. In FY00, the Hospital was the only source on Guam that provided ultrasound services that contributed to the increase in outpatient procedures. Decline in Radiology services occurred in FY99 and FY01. This is attributed to private clinics expanding their radiology program specifically Guam Radiology Consultant outpatient imaging clinic.

Respiratory Care's outpatient services increased 4.6 percent from FY98 through FY02. Much of the increase stems from procedures in the Emergency Room for cases related to asthma and pneumonia. The low number of adult and pediatric blood gases and echo cardiogram procedures contributed to the decline of outpatient services reported in FY02.

Rehabilitative Services has experienced a 66 percent growth in outpatient procedures over the 5-year period. This represents a 13 percent average growth each year from

FIGURE 9
OUTPATIENT PROCEDURES
Guam Memorial Hospital Authority:
FY 1998 - FY 2002



Source: GMHA Hemodialysis, Radiology, Respiratory and Rehabilitative Services

AVAILABILITY OF RESOURCES

In addition to examining the use of hospital services, GMHA must consider the resources available for delivery of services when outlining its plans for the future. The Hospital reviews the number of physicians as well as hospital employees.

Physician Productivity

There is a strong correlation between the number of board certified physicians and the quality of care provided. The medical staff at GMHA has a high percentage of board certified physicians, including neurosurgeons and cardiovascular internists – adult and pediatrics.

There is a strong correlation between the number of board certified physicians and the quality of care provided. The medical staff at GMHA has a high percentage of board certified physicians, including pathologists, anesthesiologists and ER physicians. Board certification has been achieved by many of the members of the medical staff.

increased over the next five years as the medical staff has established a goal of (80) percent board certification for its members.

The growing percentage of board certified physicians attests to the quality of care provided. These certifications, combined with the fact that the members of the medical staff are relatively young, suggest that the community will receive quality and continuity in the delivery of medical care over the next several years.

In spite of the medical staff's size and diversity, there are still critical physician shortage areas within the community that need to be filled, such as, orthopedics and neurosurgery, cardiac surgery and urology. Although GMHA has previously not been responsible for recruiting physicians for the Island, there is an active effort among the administration and the medical staff to recruit qualified physicians who can address the needs of the community.

TABLE 5
GMHA Medical Staff

Medical Staff Category	Number of Staff	Number of Staff	Number of Staff	Percentage
Clinical Psychologist	0	1	54	
Emergency Medicine	8	2	52	80.0%
Endocrinology	1	0	42	
Family Practice	16	5	43	76.2%
General Dentistry	0	1	48	0.0%
General Surgery	4	4	50	50.0%
Hand Surgery	1		51	100.0%
Infectious Disease	2		44	100.0%
Internal Medicine	17	7	46	70.8%
Neonatology	1	0	35	
Nephrology	2	1	49	66.7%
Neurology	1	2	59	33.3%
Neurosurgery	0	1	49	
Obstetrics & Gynecology	11	7	54	61.1%
Ophthalmology	1	1	60	50.0%
Oral/Maxillofacial Surgery	0	1	40	0.0%
Orthopaedics	1	3	42	25.0%
Otolaryngology	2		57	100.0%
Pathology	3		56	100.0%
Pediatrics	15	3	44	83.3%
Plastic Surgery	1		40	100.0%
Podiatry	0	3	44	0.0%
Psychiatry, Child	1		52	100.0%
Pulmonary Disease	1		39	
Radiology	4	2	50	66.7%
Surgical Assistant		1	50	
Surgical Employed Assistant	1		35	
Urology	1	1	49	50.0%
TOTAL	104	54	57	71.2%

Source: Guam Memorial Hospital Authority
Medical Staff Department

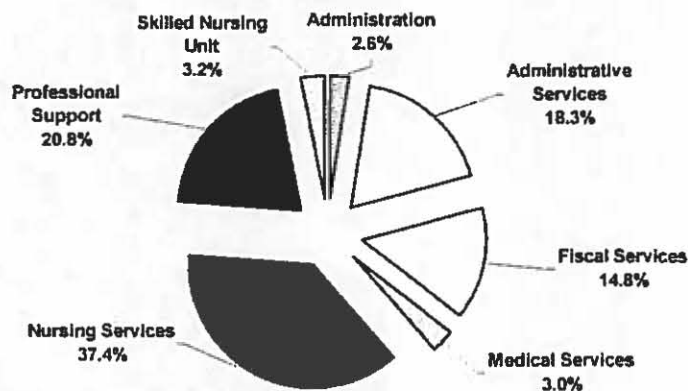
There are practice development opportunities in Urology, Neurosurgery (the sole neurosurgeon on GMHA staff is based in Hawaii.) and Cardiac Surgery.

Support Staff

Guam Memorial Hospital (GPH) is a non-profit organization that provides a wide range of health care services to the people of Guam. The hospital's budget is primarily derived from the Government of Guam, which provides a fixed amount of funding each year. The hospital's staffing levels are determined by the budget and the needs of the community. The hospital's staffing levels are generally higher than those of other hospitals in the region, reflecting the hospital's commitment to providing high-quality care to its patients.

Figure 10 depicts the staffing levels for full-time employees (FTEs) by division and in relation to the Hospital's total budget. A greater percent of full-time employees are distributed among Nursing Services (37.4%) and Professional Support Services (20.8%). These divisions make up 58.2% of the Hospital's total budget and are directly related to patient care services.

FIGURE 10
FULL TIME EMPLOYEES
Guam Memorial Hospital and Skilled Nursing Unit:
FY 2002



Source: Guam Memorial Hospital Authority Fiscal Services

primary detractor. The Civil Service Commission determines GMHA's compensation rates using wage data from the early 1990's. While The Legislature did provide for 25% increases for nursing and other licensed personnel several years back, GMHA has been unsuccessful in recruiting candidates for key clinical and professional positions from off-island because of the compensation issue.

S.W.O.T. ANALYSIS

(Strengths, Weaknesses, Opportunities and Threats)

STRENGTHS

Strong Board of Trustees The Authority's nine board members are appointed by the Governor, with recommendations by the Guam Medical Society, Guam Nursing Board, the Allied Health community and the business community. The new Board came into office in January 2003. Lead by Philip Flores, Chairman and CEO of Bank Pacific the Board works effectively with the Administrator and as a team. Board members in 2003 are:

Florencio (Larry) Lizama, MD (Vice-Chair)

Jeff Moylan (Treasurer)

Brihida Aguigui, RN

Sally Tsuda, RN

Brian Bates, MD

Noel Silan, D.P. M.

Jon Stranhagen

Gloria Mortera

Professional Administration As with the Board, the Governor of Guam appoints the Administrator. 2003 marks the first time in many years that the incoming Administrator meets the qualifications as set forth in the Authority's enabling legislation. Both the Assistant Administrator for Nursing Services and the Associate Administrator for Operations have Masters degrees in the appropriate field, and the Hospital has recruited a candidate for Chief Financial Officer who meets the criteria for SFO as set forth in the enabling legislature.

Volunteers Association GMHVA has consistently raised funds for projects at GMHA that have supported the Infant Transportation System and the Maternal Child program.

hike. While it is far short of the \$15 million in additional Cash Revenue GMHA needs, it is the first step in recognition of and dialogue about how GMHA is to off set the increasing demands of uncompensated care, and establishes a platform for GMHA to receive ongoing, tax-based revenue.

Compact of Free Association Agreement Madeline Z. Bordallo, Guam's Congresswoman, championed new This Federal legislation. When fully realized GMHA will have access to reimbursement for services provided to FAS residents, a share of the expected \$14 million annual Compact Impact Funding, and an ability to transfer selected patients to US Navy Hospital for services.

WEAKNESSES

The Financial Situation GMHA has a chronic cash flow problem due to uncompensated care, slow payments from MIP/MAP, under billing, and inefficient collection practices, high inventory costs due to inability to pay in a timely manner, high payroll costs due to excess staff and an inability, to date, to effectively reduce expenses because of GovGuam personnel regulations.

Management Team Depth Executive staff positions of the hospital number four; Administrator, Assistant Administrators for Nursing, for Operations, for Professional

programs for professional positions such as Radiology Technologist, Laboratory Technologist, Physical Therapy Assistant, Respiratory Therapist, and Pharmacy Technologist. Accordingly the Hospital has many workers in these services who are only on the job trained. Additionally many of our staff have only worked at this hospital, and have not trained or worked in any other hospital. This also holds true for non-clinical staff as well. As a consequence many core competencies expected in health care workers are inadequately demonstrated.

Labor Shortage In addition to the national shortage of nursing personnel, the Hospital is impacted doubly by its isolated location, and non-competitive compensation practices even when compared to private sector positions on island.

Government Regulations and Procedures JCAHO regulations are very clear about the need for Hospital leadership to be able to manage hospital operations with respect to the numbers of staff, the qualifications of the staff, and the assessment and demonstration of staff competencies. The Hospital operates within a web of Government regulations and procedures that are contrary to JCAHO standards; for example in 1998 PL 24-327 imposed a hiring freeze on all autonomous agencies without legislative consent. While subsequently amended, this is an example of how the Hospital is restricted in its requirement to determine the necessary number of staff to insure patient safety. In another example the position of Mammography Technologist

JCAHO GMHA lost its accreditation years ago and despite a number of efforts, as not achieved the necessary momentum to bring about accreditation.

OPPORTUNITIES

3-year window for change The Governor's term expires in 2005. The Hospital has a 3-year window of opportunity to make changes needed before the possibility of a new Governor (and a new Board of Trustees and a new Administrator) interferes with our progress.

Re-Organization/Outsourcing Recently enacted changes in the law now allow Government agencies to contract out for services. This will allow the Hospital to outsource a number of functions that can be performed at lower cost and with higher quality by the private sector. There is potential for re-organizing and amending the enabling legislation to make the Hospital more compliant with JCAHO regulations in the area of Human Resources management.

Reimbursement With the advent of a Chief Financial Officer and the ability to enhance our Medicare cost report, and the potential for regulatory relief from the TEFRA cap coming from proposed US Congressional Hearings in February there is

opportunities for the hospital.

Internal Change Process In 2004 GMHA began sending its managers through a management development program conducted by Laurie Duenas, Director of the HLATTE Project of the University of Guam. This training introduced CQI techniques based on Edward Deming methodologies. The initial training group of twenty managers have developed and implemented __ process improvement projects from an initial brainstorming list of ____ . It is anticipated that each year a total of __ such CQI projects will be implemented.

THREATS

Blockage of Outsourcing via Employee Civil Service Appeals Both the Housekeeping and Security outsourcing will require some downsizing that will result in appeals by affected employees to the Civil Service Commission. The Commission has the ability to void management action.

Uncompensated Care GMHA experiences \$20 million in bad debt annually. A significant portion is this (\$10, million in FY '03) is attributable to citizens from Freely Associated States.

Loss of employees due to military deployment GMHA will face the loss of key employees due to military deployment. In the case of Army deployment the time period is at a minimum one and one half years. We could also face loss of employees who are family members of deployees who re-locate.

GOALS AND OBJECTIVES

Goal #1 – Financial Stability

Objective 1. Increase in Cash flow

- a) Billing Accuracy & Timeliness
- b) Improved Payor Account Management
- c) Outsource Self-Pay Credit & Collection
- d) CDM Cleanup & Maintenance

Objective 2 – Increase Revenue

- a) Fee Increase
- b) CDM Update

f. Primary Care/ Family Practice Residency Program

g. Patient & Family Education Services

f) Medicare Reimbursement Optimization

Objective #3 – Uncompensated Care Relief

a) Partial Cost Shift via Fee Increase

b) Partial Tax Based Funding

c) Hospitalist Program

Objective # 4 Financial Efficiency

a) Outsourcing

b) Manage labor productivity at > 50th percentile

c) Use improved cash flow to pay down receivables and obtain better pricing and terms

GOAL # 2 Clinical Development

Objective 1 – Competency Assessment and Development

a) Clinical Nurse Specialist (Nurse III)

b) Migrate to Team Nursing from Functional Nursing

c) Achieve Acceptable Staff: Patient ratios (JACHO H.R. 1.10)

a. Recruitment & Retention

- c) Develop Infection Control Staff
- d) Training and Development

Objective 3 – Improve Organizational Performance

- a) Implement a useable “Data Dashboard”
- b) Implement department and crosscutting analysis and corrective action.
- c) Institute cultural change for Organizational Improvement

Objective 4 – Improve the Management of Human Resources

- a) Improve assessment of staff effectiveness to that job competence is assessed, demonstrated and maintained (H.R. 1.30, 3.10,)
- b) Training and Development activities (H.R. 2.10, 2.30)
- c) Job competence assessed, demonstrated and maintained
- d) Regulatory relief to develop independent classification and compensation system for health care professionals.

Goal # 3 – Improve the Environment of Care

Objective #1 – Outsource environmental services so that there are adequate resources to main the hospital’s cleanliness

Objective # 2 - Improve the preventative maintenance cycle and link the repair or replace cycle with capital funding cycle.

Goal # 4 – JCAHO Accreditation

Objective #1 - Complete Extranet Survey and Statement of Conditions in Q3, FY 04

Objective #2 – Successful Site Survey in Q2 FY 05 resulting in Accreditation

Objective #3 - 18 month extranet survey in FY 06

Objective #4 - Recertification in FY 0'8

Goal # 5 – Reorganization

Objective # 1 – Introduce a streamlined management structure

Objective # 2 – Outsourcing for value

Objective # 3 – Independent personnel classification and compensation system for Healthcare professional staff and administrators

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