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Table 14.1
2005 - 2001
Bed Utilization 2001 - 2005

| <i>Description</i> | <i>2005</i> | <i>2004</i> | <i>2003</i> | <i>2002</i> | <i>2001</i> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|
| Total admissions | 2,500 | 2,087 | 1,741 | 1,525 | 401 |
| Total discharges | 2,500 | 2,087 | 1,741 | 1,525 | 401 |
| Number of beds | 14 | 15 | 15 | 11 | 11 |
| Bed days available | 5,110 | 5,490 | 5,475 | 4,015 | 4,015 |
| Patient days-overnight | 574 | 444 | 516 | 400 | 200 |
| Patients days < 1 day | 1,926 | 1,643 | 1,225 | 1,163 | 334 |
| Total patients days | 2,500 | 2,087 | 1,741 | 1,563 | 534 |
| Bed occupancy rate | 48.9 | 38.0 | 31.8 | 38.9 | 13.3 |
| Turnover rate | 178.6 | 139.1 | 116.1 | 138.6 | 36.5 |
| Turnover interval | 1.0 | 1.6 | 2.1 | 1.6 | 8.7 |
| Average daily admission | 6.8 | 5.7 | 4.8 | 4.2 | 1.1 |
| Average daily discharge | 6.8 | 5.7 | 4.8 | 4.2 | 1.1 |
| Average length of stay | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 |

Table 14.2
2005
Out-Patient Visits by Department 2005

| <i>Department</i> | <i>Total</i> | | | <i>Non-Bahraini</i> | | | <i>Bahraini</i> | | |
|-----------------------------------|---------------|---------------|---------------|---------------------|---------------|--------------|-----------------|---------------|---------------|
| | <i>Total</i> | <i>Female</i> | <i>Male</i> | <i>Total</i> | <i>Female</i> | <i>Male</i> | <i>Total</i> | <i>Female</i> | <i>Male</i> |
| Hospital Clinics | | | | | | | | | |
| General Practice | 7,931 | 4,635 | 3,296 | 2,372 | 1,322 | 1,050 | 5,559 | 3,313 | 2,246 |
| Orthopedics | 781 | 385 | 396 | 175 | 85 | 90 | 606 | 300 | 306 |
| Obstetrics & Gynecology | 4,856 | 4,838 | 18 | 1,637 | 1,635 | 2 | 3,219 | 3,203 | 16 |
| Paediatrics | 816 | 392 | 424 | 278 | 127 | 151 | 538 | 265 | 273 |
| Surgical | 1,255 | 605 | 650 | 348 | 146 | 202 | 907 | 459 | 448 |
| Psychiatric | 1,708 | 655 | 1,053 | 524 | 183 | 341 | 1,184 | 472 | 712 |
| Psychological Services | 325 | 153 | 172 | 40 | 21 | 19 | 285 | 132 | 153 |
| Dermatology | 2,476 | 1,671 | 805 | 622 | 401 | 221 | 1,854 | 1,270 | 584 |
| Optometry | 258 | 125 | 133 | 118 | 54 | 64 | 140 | 71 | 69 |
| Sub-Total | 20,406 | 13,459 | 6,947 | 6,114 | 3,974 | 2,140 | 14,292 | 9,485 | 4,807 |
| Other Clinics * | | | | | | | | | * |
| Dental | 3,947 | 2,214 | 1,733 | 1,133 | 565 | 568 | 2,814 | 1,649 | 1,165 |
| E.N.T. | 4,062 | 2,160 | 1,902 | 433 | 227 | 206 | 3,629 | 1,933 | 1,696 |
| Ophthalmology | 4,061 | 2,092 | 1,969 | 1,129 | 493 | 636 | 2,932 | 1,599 | 1,333 |
| Orthopedics | 2,164 | 1,183 | 981 | 265 | 132 | 133 | 1,899 | 1,051 | 848 |
| Paediatrics | 3,401 | 1,518 | 1,883 | 268 | 128 | 140 | 3,133 | 1,390 | 1,743 |
| Surgical | 1,644 | 804 | 840 | 164 | 84 | 80 | 1,480 | 720 | 760 |
| Urology | 4,190 | 1,174 | 3,016 | 838 | 161 | 677 | 3,352 | 1,013 | 2,339 |
| Neurology | 1,431 | 817 | 614 | 190 | 87 | 103 | 1,241 | 730 | 511 |
| Nephrology | 3,137 | 1,640 | 1,497 | 312 | 147 | 165 | 2,825 | 1,493 | 1,332 |
| Plastic Surgery | 472 | 325 | 147 | 131 | 100 | 31 | 341 | 225 | 116 |
| Cardiology | 1,483 | 792 | 691 | 147 | 64 | 83 | 1,336 | 728 | 608 |
| Invitro Fertilization (I.V.F.) | 4,110 | 3,850 | 260 | 731 | 672 | 59 | 3,379 | 3,178 | 201 |
| Chest | 3,471 | 2,008 | 1,463 | 381 | 229 | 152 | 3,090 | 1,779 | 1,311 |
| Sub-Total | 37,573 | 20,577 | 16,996 | 6,122 | 3,089 | 3,033 | 31,451 | 17,488 | 13,963 |
| Others | | | | | | | | | |
| Acupuncture | 449 | 280 | 169 | 79 | 70 | 9 | 370 | 210 | 160 |
| Physical Medicine (Physiotherapy) | 4,547 | 2,434 | 2,113 | 705 | 311 | 394 | 3,842 | 2,123 | 1,719 |
| Sub-Total | 4,996 | 2,714 | 2,282 | 784 | 381 | 403 | 4,212 | 2,333 | 1,879 |

* Other Clinics: these clinics are operating under the hospital administration and their service details are included in private clinics.

Table 14.3

2005

Medical and Allied Health Manpower by Category, Nationality and Sex 2005

| Category | Total | | | Non-Bahraini | | | Bahraini | | | |
|---|--------|--------|------|--------------|--------|------|----------|--------|------|---|
| | الجملة | أنثى | نكر | الجملة | أنثى | نكر | الجملة | أنثى | نكر | |
| | Total | Female | Male | Total | Female | Male | Total | Female | Male | |
| Physicians | 14 | 7 | 7 | 13 | 6 | 7 | 1 | 1 | - | |
| Nurses * | 29 | 29 | - | 28 | 28 | - | 1 | 1 | - | * |
| Practical Nurses | 2 | 2 | - | - | - | - | 2 | 2 | - | |
| Laboratory Technologists & Technicians | 5 | 5 | - | 5 | 5 | - | - | - | - | |
| Radiographers and Technicians | 2 | 1 | 1 | 2 | 1 | 1 | - | - | - | |
| Physiotherapists, Occupational Therapists and Technicians | 2 | 1 | 1 | 2 | 1 | 1 | - | - | - | |
| Electro Cardiogram technician | 1 | - | 1 | 1 | - | 1 | - | - | - | |

* Nurses excluding practical nurses and other grades below staff nurse .

Table 14.4
2005
Births by Nationality and Type of Delivery 2005

| <i>Births</i> | <i>Total Births</i> | <i>Still Births</i> | <i>Total Live Births</i> | <i>Live Births</i> | | | | <i>/</i> |
|---------------------------------------|---------------------|---------------------|--------------------------|---------------------------------|---------------|---------------------------------|---------------|-----------|
| | | | | <i>Premature</i> | | <i>Full Term</i> | | |
| | | | | <i>Congenital Abnormalities</i> | <i>Normal</i> | <i>Congenital Abnormalities</i> | <i>Normal</i> | |
| <i>Nationality / type of delivery</i> | | | | | | | | |
| Bahraini | | | | | | | | |
| Normal Delivery | | | | | | | | |
| Vertex | 18 | - | 18 | - | - | - | - | 18 |
| Breech | - | - | - | - | - | - | - | - |
| Assisted Delivery | | | | | | | | |
| Vacuum | 12 | - | 12 | - | - | - | - | 12 |
| Forceps | - | - | - | - | - | - | - | - |
| Caesarian section | 37 | - | 37 | - | - | - | - | 37 |
| Total Bahraini | 67 | - | 67 | - | - | - | - | 67 |
| Non- Bahraini | | | | | | | | |
| Normal Delivery | | | | | | | | |
| Vertex | 2 | - | 2 | - | - | - | - | 2 |
| Breech | 1 | - | 1 | - | - | - | - | 1 |
| Assisted Delivery | | | | | | | | |
| Vacuum | 2 | - | 2 | - | - | - | - | 2 |
| Forceps | - | - | - | - | - | - | - | - |
| Caesarian section | 18 | - | 18 | - | - | - | - | 18 |
| Total Non- Bahraini | 23 | - | 23 | - | - | - | - | 23 |
| Total | 90 | - | 90 | - | - | - | - | 90 |

Table 14.5
2005
Major and Minor Operations 2005

| <i>Department</i> | <i>Procedure Type</i> | | |
|------------------------|-----------------------|--------------|--------------|
| | <i>Total</i> | <i>Minor</i> | <i>Major</i> |
| General Surgery | 302 | 256 | 46 |
| Orthopedics & Fracture | 29 | 16 | 13 |
| Urology | 260 | 188 | 72 |
| Plastic Surgery | 15 | 2 | 13 |
| Paediatrics | - | - | - |
| Ear, Nose & Throat | 43 | 42 | 1 |
| Ophthalmology | 465 | 210 | 255 |
| Gynecology | 211 | 166 | 45 |
| Obstetrics | 55 | 1 | 54 |
| Dental | 9 | 9 | - |
| Endoscopy | 403 | 403 | - |
| Total | 1,792 | 1,293 | 499 |

Table 14.6
2005
Immunization by Type of Vaccine, Age Group and Nationality 2005

| <i>Total</i> | | | <i>2 - 5 years</i> | | | <i>1 - 2 years</i> | | | <i>Below 1 year</i> | | | <i>Type of vaccine</i> |
|--------------|---------------------|-----------------|--------------------|---------------------|-----------------|--------------------|---------------------|-----------------|---------------------|---------------------|-----------------|--------------------------------|
| <i>Total</i> | <i>Non-Bahraini</i> | <i>Bahraini</i> | <i>Total</i> | <i>Non-Bahraini</i> | <i>Bahraini</i> | <i>Total</i> | <i>Non-Bahraini</i> | <i>Bahraini</i> | <i>Total</i> | <i>Non-Bahraini</i> | <i>Bahraini</i> | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | / () () / |
| 17 | 5 | 12 | - | - | - | 3 | - | 3 | 14 | 5 | 9 | Dose 1 |
| 30 | 14 | 16 | - | - | - | 6 | 4 | 2 | 24 | 10 | 14 | Dose 2 |
| 30 | 16 | 14 | 2 | 2 | - | 9 | 5 | 4 | 19 | 9 | 10 | Dose 3 |
| - | - | - | - | - | - | - | - | - | NA | NA | NA | Booster 1 dose |
| - | - | - | - | - | - | - | - | - | NA | NA | NA | Booster 2 dose |
| | | | | | | | | | | | | Poliomyelitis |
| 20 | 5 | 15 | - | - | - | - | - | - | 20 | 5 | 15 | Dose 1 |
| 29 | 12 | 17 | - | - | - | 3 | - | 3 | 26 | 12 | 14 | Dose 2 |
| 40 | 19 | 21 | 2 | 2 | - | 7 | 5 | 2 | 31 | 12 | 19 | Dose 3 |
| 9 | 6 | 3 | - | - | - | 9 | 6 | 3 | NA | NA | NA | Booster 1 dose |
| 2 | 2 | - | 1 | 1 | - | 1 | 1 | - | NA | NA | NA | Booster 2 dose |
| | | | | | | | | | | | | Mumps, Measles, Rubella |
| - | - | - | - | - | - | - | - | - | NA | NA | NA | Dose 1 |
| - | - | - | - | - | - | NA | NA | NA | NA | NA | NA | Dose 2 |

Table 14.7
2005 - 2001
Laboratory Tests 2001 - 2005

| <i>Type of Test</i> | <i>2005</i> | <i>2004</i> | <i>2003</i> | <i>2002</i> | <i>2001</i> |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|
| Clinical chemistry of blood | 24,504 | 15,437 | 12,253 | 11,578 | 4,390 |
| Microbiology | 7,040 | 5,704 | 2,414 | 3,538 | 1,438 |
| Serology & immunology | 12,695 | 7,207 | 6,559 | 1,046 | 432 |
| Mycology & parasitology | 601 | 662 | 2,834 | 186 | 279 |
| Hematology | 7,262 | 6,955 | 4,402 | 2,846 | 1,171 |
| Other laboratories tests | 638 | 3 | 210 | 170 | 45 |
| Total | 52,740 | 35,968 | 28,672 | 19,364 | 7,755 |

Table 14.8
2005 - 2001
Radiology Procedures 2001 - 2005

| <i>Type of Procedure</i> | <i>2005</i> | <i>2004</i> | <i>2003</i> | <i>2002</i> | <i>2001</i> |
|---------------------------------|--------------|--------------|--------------|--------------|-------------|
| Plain & general radiography | 6,410 | 5,375 | 4,991 | 4,039 | NA |
| Radiography with contrast media | 257 | 220 | 238 | 326 | NA |
| Total | 6,667 | 5,595 | 5,229 | 4,365 | NA |