



وزارة الصحة
Ministry of Health
Kingdom of Saudi Arabia

ACHIEVEMENTS

2013

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



THE MINISTRY'S VISION

To deliver an integrated and comprehensive health care services according to the highest global standard.

MISSION OF THE MINISTRY

To provide all levels of health care, enhance public health, prevent diseases and to regulate the private and public health sectors while conducting research, delivering academic training and promoting health investment.

VALUES OF THE MINISTRY

- Patient First
- Equity
- Professionalism
- Quality
- Integrity and transparency
- One Team approach
- To be proactive and productive
- Partnering with society

STRATEGIC OBJECTIVES OF THE MINISTRY

- Delivering an integrated and comprehensive health care plan while maintaining a strong focus on research and education.
- Establishing a culture of institutional work, enhancing quality levels, and ensuring performance measurement and monitoring.
- Attracting qualified personnel and developing Human Resources.
- Advancing e-Health and information systems.
- Optimizing the use of resources by applying health care economics.



INTRODUCTION

The Ministry of Health prides itself on having a clear strategic plan that represents its vision of the future. The Integrated and Comprehensive Health Care Plan is the first priority in this strategy. This plan considers the provision of medical services to all regions equally based on recognized international standards. The strategy includes the establishment of hospitals, primary health care centers and specialty centers to achieve the MoH's objective, including advanced surgery procedures. This will improve accessibility of health care services as most can be provided close to the patient's home except in complex and rare cases (e.g., organ transplantation, heart surgeries and cancer) which will be provided by one of the five major medical cities.

Supporting these services, primary health care remains the cornerstone of the Saudi health care system, enabling the Ministry to deliver health care services to citizens anywhere in the Kingdom which includes vaccinations, common procedures, and mother-and-child services. Besides clearly identifying the services to be provided, the strategy defines standardized criteria for operation, maintenance and preparation, including the workforce (i.e., doctors, pharmacists, nurses, technicians and administrative staff).

The Ministry has examined all of the challenges facing the health care sector, including population growth; increased current and future levels of chronic diseases and heart disease. The Ministry has set a clear plan for establishing new hospitals and increasing the capacity of each medical specialty to meet the growing needs of the population.

In order to take appropriate action, the Ministry has put into place the basic foundations of institutional work by forming Executive Boards and by establishing a culture of teamwork to prevent random and improvisational decision making. The Ministry has also focused on quality and performance measurement, and has developed many programs to ensure that high-quality medical services are provided.

Today, we are reaping the initial outcome of this strategic plan with these facts and figures.

ADMINISTRATIVE IMPROVEMENT PROJECTS

- Completion of Ten-Year Development Strategy of the Ministry for the years (2010 – 2020) studying the weaknesses and strengths, opportunities and challenges of the Ministry. Five strategic objectives have been set the most important among them is the Integrated and Comprehensive Health Care Plan.
- Developed the Integrated and Comprehensive Health Care Plan. This is a detailed program of the roadmap for delivering health care services to all regions and governorates of the Kingdom equally.
- Reconstruction of financial and administrative procedures in the MoH and its directorates with the assistance of a team from King Saud University, College of Administrative Sciences, along with one of the major companies specialized in this area.
- Introducing institutional work to the MoH and establishing an Executive Board with five committees: Projects, Supplies, Quality, Patient Relations and Budgeting. As these Executive Boards are established in each governorate, individual decision-making will be minimized as team work and group work are encouraged.
- Establishment of the Board of Medical Cities. This Board will manage the five medical cities and the specialized centers as a combined and centralized administrative body. This Board will standardize the work among all medical cities that are under the Ministry, including all financial and administrative procedures.
- Establishment of recruitment committees, using self-employment programs to ensure integrity, equity and neutrality.
- Established the General Directorate of Security & Safety to ensure the safety and protection of all facilities.
- Establishment of the Management of Employees' Rights to ensure equity and transparency in dealing with Ministry employees.
- Development of Leadership Training Programs. Thus far, 200 doctors and administrators have received training in Leadership skills.
- Development of the Medical Referral Program. This is an electronic program which the employees use after receiving training. Treatment eligibility departments have

been established in every hospital to automatically follow-up with the referral of patients between hospitals.

- Preparation of a Medication Guide to be the standard guide for all doctors in writing prescriptions.
- Preparation of Equipment Manuals for all hospitals.
- Preparation of architectural drawings for all the Ministry's hospitals with capacities of 100 – 500 beds to speed up project tenders and facilitate projects according to the most recent international standards to achieve quality care and patient privacy.
- Currently, the Ministry's largest training center (8,000 m²) is being established in Riyadh. It includes a skills improvement center, an English language laboratory, classrooms and simulators.
- Formation of the Ministry's International Advisory Board. The members meet once or twice annually, and comprise of global experts who include university presidents and professors from America, Canada, Australia and United Kingdom.

- Currently, every workforce of the Ministry in all regions of the Kingdom is being reviewed to determine accurate staffing needs to create the optimum utilization of personnel.
- The General Directorate of Internal Audit is now supported with 270 new highly-experienced employees to ensure the Directorate's ability to carry out its duties. Prior to the year 2009, the number of employees working in this Directorate was limited.
- Introducing the latest paging system technology to 162 MoH hospitals.
- Establishment of Emergency Call Center at the MoH. This Call Center receives emergency and urgent calls of citizens through a centralized number, **937**. This allows any citizen to contact the Ministry from anywhere in the Kingdom. The Center hosts a group of trained employees to handle the citizens' inquiries and complaints, and it ensures the training of its doctors and medics to provide the appropriate services to the public. This service is being provided for the first time in the history of the Ministry of Health.



MEDICAL IMPROVEMENT PROJECTS

- Established committee to review physicians' certifications to ensure that no physician engages in practices beyond their abilities or outside of their specializations in the Ministry's hospitals.
- Electronic program to detect serious (sentinel) errors in hospitals. This program records an action live on a screen accessible to the officials of the MoH to support the hospital in identifying the source of medical errors in order to prevent future events.
- Clinical Review Program. This program monitors 49 clinical indicators in (90) of the Ministry's hospitals. These indicators monitor causes of death resulting from surgeries and other activities inside hospitals, as well as tracking the percentages of such occurrences according to universally recognized practices.
- Doctors' performance and productivity programs.
- Bed Management Program. This program monitors the turnover of a bed in MoH hospitals in order to increase bed-use efficiency. The turnover of beds in the Ministry has increased in the last four years by 20%, thereby serving a larger number of patients per facility overall.

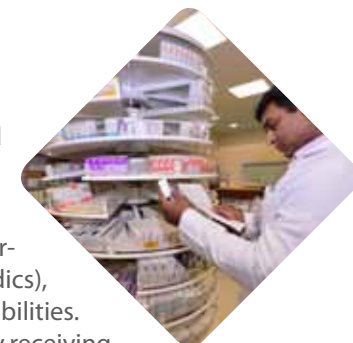
- 'One-Day' Surgery Program. This program has improved the percentage of one-day surgeries from 2% (2010) to 46% (2013) in most of the Ministry's hospitals; thus more than 135,000 operations were performed in Ministry hospitals using the method of one-day surgery. This has led to optimization of the waiting times for patients to receive needed surgeries.
- Medical Risks Program. One specialized doctor in each hospital is trained to examine, study and learn from any potential medical risk to patients.
- Medication Safety Program. One specialized pharmacist in each hospital is trained to follow-up on the application of the Medication Safety Guide, and to educate doctors and nurses about the optimal methods for prescribing medicines; this training includes potential errors and ways to avoid them.
- Introduction of the Australian Medical Coding System (ICD 10) to the medical records of MoH to facilitate registration and codification of diseases.
- Improving Medical Files Program. This program aims to

standardize medical forms in all hospitals of the MoH in preparation for their automation. It will also improve all medical reporting departments, supply them with computers and necessary equipment, and train the staff accordingly.

- Productivity Improvement Program in hospital operating rooms. Thus far, this program has been applied in 20 MoH hospitals, with a resulting productivity increase of 25%.
- Medical Performance Improvement Program in the newborn ICU departments. In cooperation with the American Minnesota University, this program has begun with a comprehensive survey of all newborn ICUs in all hospitals of the Kingdom in preparation for the provision of additional support and staff training.
- Performance Improvement in Children's ICU Program. This program has begun in 4 hospitals, and has succeeded remarkably. Currently, there are plans to apply this program in the rest of the Kingdom's hospitals.
- Performance Improvement Program. This program has been instituted in the Emergency Rooms of 9 hospitals thus far. The program has led to an increase in the speed of providing care to emergency room patients.
- Patient Relations Program. Today, more than 1,200 employees are working in this program, providing support and information for all patients when they visit the hospital. The department also regularly presents questionnaires to measure patient's satisfaction concerning the services provided to them.
- Completion of Medical Staff By-Laws. This clarifies the mission of the doctors, their responsibilities and duties towards their patients and the hospital.
- Completion of the Policies and Procedures Guide. This PPG explains the procedures that must be followed to perform any medical and administrative work.
- Enhancing ambulance transportation by purchasing

1,200 new ambulances and equipping them with the latest medical devices.

- Training Program for emergency attendants (paramedics), to raise their clinical capabilities. 400 paramedics are currently receiving training.
- Domestic Medicine Program. All requirements for serving patients' needs in their homes are provided, including Ministry vehicles, doctors and nurses. Over 28,000 patients have received care at their homes so far.
- Purchasing Services Program. Any patient who is unable to be allocated a bed at a MoH hospital will be referred to a private sector hospital, especially for cases involving the elderly, children and newborn. This program was funded with 718 million SR last year (2012).
- Hospital Accreditation Program. 50 hospitals were subjected to the national accreditation process by the Central Board for Accreditation of Health Care Institutions (CBAHI). Another 40 hospitals are currently being assessed.
- International Accreditation Program. 15 hospitals succeeded in obtaining the accreditation of the American Hospital Authority. The Ministry is currently introducing an additional 21 hospitals to the same accreditation program.
- Health Care Centers Accreditation Program. 100 Health Care Centers throughout the Kingdom are currently under accreditation assessment by the CBAHI.
- Health Care Centers Accreditation Program by the American Accreditation Board; JCI (Joint Commission International). 4 Health Centers have succeeded in obtaining accreditation certificates.
- Regional Laboratories Accreditation Program. 7 Regional Laboratories are under accreditation assessment by the CBAHI; 4 of these laboratories have been accredited so far.



- Visiting Professorship Program. Over the last two years more than 2,833 consultant physicians were recruited to work in remote regions to operate specialized clinics.
- Increasing the number of international scholarship students from 1,049 in the year 2010 to 1,424 in the year 2012.
- Increasing the number of local scholarship students from 600 in the year 2010 to 1,474 in the year 2012.
- More than 140,000 employees in the MoH received training during the year 2012. This included all categories in the specialization of each in more than 1,000 workshops.
- Signing of an Agreement with Emory University of America to train 20 persons in the Public Health Program with its different specializations. Emory University of America is considered among the best for this program in the USA.
- A contract was concluded with the Liverpool School of Tropical Medicine, University of Liverpool to train employees to operate the Vector Control Center in Jazan.

- Signing of Agreement with Washington University to perform the Demographic Health Survey over five years and train Saudi employees in accordance with international standards. This University's strong performance in this area has assisted many nations with such survey programs.
- A contract is currently being concluded with the private sector to purchase the service of admitting of patients with chronic conditions for an amount of 40 million SR to ease the burden on MoH hospitals.
- Dialysis services for patients. It is the intention of the MoH to refer Dialysis Services to the private sector in the future.
- Professional Treatment Development Program. To date, more than 600 employees have received training in dealing with patients.
- Contract with American Hospital Authority to train (60) persons in the field of Infection Control.
- Training of more than 90 hospital directors for two weeks on



the methods of hospital management and the application of quality control mechanisms.

- For the Transfer of Technology and Knowledge, the Ministry has contracted with international companies to transfer certain technologies to the Kingdom, including blood plasma analysis, manufacture of vaccines and proton therapy for cancer patients.
- Mass Gathering Medicine. This new concept has been approved by the World Health Organization and endorsed by the Saudi Commission for Health Specialties two years ago. The first class graduated this year (2013) from Emory University, making the Kingdom the first country to adopt this specialty, which will enable the MoH to properly control the masses during Hajj and Umrah seasons and any other events.
- Performance Improvement Program (Delivery Rooms). In cooperation with the University of Minnesota, this program has been successfully launched in 4 MoH hospitals thus far, and will eventually be applied at the remaining MoH Maternity and Children's Hospitals.
- Performance Improvement Program for Anesthesiologists. Initially, field visits were made by doctors distinguished in this area to consider all methods necessary for the elevation of medical performance in this important specialty.



- In cooperation with King Fahad Medical City, a program was developed to train emergency doctors and raise their scientific and practical levels. This program was initiated in Riyadh where all hospitals of the region were connected to each other during 2012 and all emergency doctors received training. The MoH is currently initiating the same program in other regions of the Kingdom.

- Contract with the College of American Surgeons to use the system of results of surgeries in the USA and compare them with hospitals of the MoH to determine the level of success of surgeries in all specialities in order to study them and identify ways of improving them.
- Contract with the Canadian Hospitals Network for the service of newborns and to use the system existing in Canadian hospitals and its results and compare it to the results of the corresponding units in MoH hospitals. Canadian hospitals are globally recognized as having a high level of achievement in neonatal care.
- Establishment of Skills Training Centers for all health care employees in the MoH to advance their practical and scientific abilities. These centers will be equipped with all necessary devices and qualified trainers.

PREVENTIVE CARE AND HEALTH PROMOTION

A "Public Health Agency" has been established. It is entrusted with health maintenance responsibilities through multiple programs as follows:-

- Establishment of Disease Control Center
- Preparation of National Health Survey
- Supporting Preventive Health Care
- Anti Smoking
- Epidemiology
- Food and Chemical Safety
- Healthy Cities
- Radiation Protection
- Medical Waste
- Occupational Health
- Environmental Health
- Healthy Marriage
- Diabetes Prevention
- Prevention of Heart and Blood Vessels' Diseases
- Prevention of Accidents and Injuries
- Controlling Hepatitis
- Controlling Meningitis
- Controlling AIDS and Sexually Transmitted Diseases
- Controlling Diseases Common between Humans and Animals
- TB Controlling
- Polio Eradication
- Malaria Eradication
- Schistosomiasis Eradication

- Leishmaniasis Control
- Expanded Immunization
- Immunization Coverage
- Measles Elimination
- Rubella Elimination
- Neonatal Tetanus Elimination
- Monitoring Risk Factors Program of Non-Communicable Diseases
- Epidemiological Surveillance of Vaccine-targeted Diseases
- Epidemiological Surveillance for Borders of the Kingdom
- Migrant Workers
- Development of Early Detection of Diseases
- Early Screening for Newborns
- Controlling Cancer
- Early Detection of Breast Cancer



INFORMATION AND COMMUNICATIONS TECHNOLOGY PROJECTS

- Health Information System (HIS) for hospitals:
 - Creating electronic files for patients.
 - Providing all MoH hospitals with electronic health systems.
 - Connecting all hospital systems.
- Using technologies of cloud computing:
 - Building a unique electronic cloud for the MoH to facilitate the access to services.
 - Utilizing modern technologies to provide electronic services to all health facilities.
- Electronic system for epidemiological surveillance "HUSUN":
 - Improvement of the Kingdom's capabilities in conducting vital semi-direct surveillance.
 - Collection, exchange and analysis of the necessary information for management of infectious diseases.
 - Statistics monitoring and data representation through early diagnosis.
- Picture Archiving and Communication System (PACS):
 - The system of Picture Archiving and Communication has been applied in MoH hospitals.
 - Sparing the patient repeated exposure to radiation.
- Protection of newborns system with the use of (RFID) technology:
 - 149 hospitals under process.
 - Applied in 16 Maternity and Children's hospitals.
- Poison control electronic system
 - Linking all regional centers of poison control in the Kingdom with a central electronic system.
 - Providing the Ministry and other government bodies (including border authorities) with specialized electronic services for controlling poisons.
- Electronic system for recording sentinel events (Government and Private)
 - Development of a system that records sentinel events in hospitals.
 - Notifying officials in the Ministry of such occurrences via SMS.
 - Live monitoring of crises and accidents in 260 hospitals.
- Electronic system of premarital examination:
 - Electronic scheduling.
 - Using electronic fingerprinting to document information.
- Geographic Health Information Systems (GIS)
 - Positioning health sites in all regions thus facilitating faster access.
- Electronic linking between the Ministry and other governmental authorities:
 - Linking with the National Information Center and the Saudi Commission for Health Specialties.
- Adoption, harmonization and development of international standards (Standards & IHE)
 - Setting e-Health standards to complete e-health projects.
 - Adopting and harmonizing global compatibility standards (IHE, HL7, CDA, ICD-10).



- Executing epidemiological monitoring of technology programs across all borders of the Kingdom:
 - Linking all ground, air and sea borders of the Kingdom to the system of Hajj boundaries.
 - Monitoring the arrival of pilgrims and vaccines given to each pilgrim in their country and required medication.
 - Using the electronic fingerprints to document information.
- Implementation of a “statistical system” program to examine the workflow in the hospitals of Holy Sites:
 - Entering data of reviewers, patients admitted to hospitals and health centers in the regions of Makkah and Al Madinah during Hajj season and Umrah.
 - Executing the program of statistical systems during Hajj season.
 - Processing, analyzing and presenting data to be used in planning and decision-making.
- Unified Portal for Health Services :
The Unified Portal for Health Services was launched to include all the programs and e-services adopted by MOH hospitals, health centers, as well as other sectors and facilities.

- Electronic Referral Program :
Implement a KSA-wide system to allow patient referrals from one health care provider/facility to another, including the ability to electronically transfer patient-specific data (in either a structured or non-structured fashion) or pointers to e-Health accessible data, including patient diagnosis and treatment, referral notes, medication list, laboratory test results, radiology reports, digital images, audio and video files. This solution will have the ability to integrate with facility/bed/provider-specialty availability information, to enable optimal searching of best-fit resource utilization.
- Newborn Registration Project :
The project aims to link 250 hospitals to record and exchange infant data with the National Information Center (NIC).
- Bed Management System :
Project to support Kingdom-wide hospital bed management program, including automated interfaces with HIS systems, and centralized query capabilities for HQ and Regional administrators, as well as operational support to hospital and PHC practitioners providing patient support and referrals. This project will help to: - Support full inpatient bed management cycle - Interface with multiple systems, including registries, HIS

and communication systems - Generate messages to hospital housekeeping and other hospital departments to inform of status - full reporting and analytical capability.

- Employee Transfer System - HR Civil Services :
The objectives of the project is to enable employees to submit transfer requests electronically and to manage the transfer process by providing e-services for internal “within the same region” and external “to different regions within the Kingdom”.
- Infrastructure Upgrade for MoH and Directorates :
The project aims to :
 - Expand the current Data Center at MoH
 - Supply servers, desktops, laptops and printers
 - Prepare the Command and Control Center
 - Implement Infrastructure Library Information Technology (ILIT)
- e-Readiness Assessment Project :
ICT-MoH is executing a number of projects as a part of the e-health program that will be implemented throughout the Kingdom. The MoH e-Readiness Assessment project is considered a major milestone in this program of which it aims at providing comprehensive data gathering regarding

the (As Is status) IT infrastructure in hospitals, warehouses, and directorates. The data resulting from this project will be used by ICT-MoH to assess the readiness of MoH facilities for the e-health program through comparisons between actual status and MoH strategy.

- Performance Management System :
Implement a Ministry-wide Key Performance Indicator (KPI) database, which captures financial performance data. Design a Business Intelligence (BI) system that helps MoH in taking the right decisions.
- Citizens’Voice :
Citizens’Voice System aims to connect the feedback of citizens and residents directly to the Ministry of Health through MOH portal.
- e-Recruitment system :
This service allows people, who want to work at the Ministry of Health, to submit online applications without the need to be present in-person. The Ministry will publish recruitment advertisements in the portal, and the candidates will be able to submit their applications through the portal and follow their requests electronically.



■ KSA e-Health Standards :

Establishing and setting-up e-Health Interoperability Standards Roadmap and supporting Policies which will ensure the continuous alignment, communication, maintenance of current and evolving portfolio of e-Health strategy initiatives. Setting-up e-Health Interoperability Standards includes establishing the functional capability for MoH to maintain and develop them in addition to certifying approved systems through testing laboratories prepared specially for that purpose.

■ Infrastructure Upgrade for 62 Hospitals:

Information Technology (IT) in hospitals has the potential to reduce medical errors, lower costs, and improve patient care. A recent research survey found that IT is playing a larger and more influential role than ever before in hospitals. The Hospital ICT infrastructure development projects for the Central Region are to upgrade and build Information and Communication Technology infrastructure for 62 hospitals.

■ Licensing and Permits Management:

Project to develop and implement a web-based solution in support for the issuance of different licenses and permits to individuals and organizations, and the automatic feeding of the data collected to the management health analytics

functions. This will support field personnel in Regions, and will provide web-based services to enable as much as possible the automated capture and authorization of applicant's data, including where necessary integration with other MOH and other Public and Non-Governmental systems such as Saudi Commission for Health Specialties.

■ Hajj Document Management System:

Over the years, MOH owned many documents related to Hajj and Umrah (estimated one million), including photos and video clips. MOH aims at providing a suitable environment for the increase of such documents i.e., (devices, equipment and software) in order to archive into a practical electronic format thereby ensuring the retaining, quality, integrity and fast retrieval.

■ Immunization Alerts System:

Implement a patient-specific repository of alerts to be generated with each patient encounter, to improve patient service and safety. System will be fed by automated interfaces and will allow clinician-entered alerts. This will be used to provide alerts for immunization schedules, and scheduled checkup notifications.



CONSTRUCTION PROJECTS

Over the past four years, the Ministry has achieved substantial progress. Such achievements are represented by the establishment of health care centers, hospitals, specialized hospitals, and medical cities. The following tables show in detail the health care facilities approved to be established in the coming years.

The Ministry has also conducted a comprehensive study to update the designs of hospitals to conform to global standards. Each patient has a single, independent room in all new designs. The standards of integrity and infection control were taken into account. The standards for safe disposal of medical waste and dangerous chemicals and nuclear materials were also considered. The parking, green areas and sufficient areas for air conditioning, firefighting units and other such-like facilities were also taken into account.



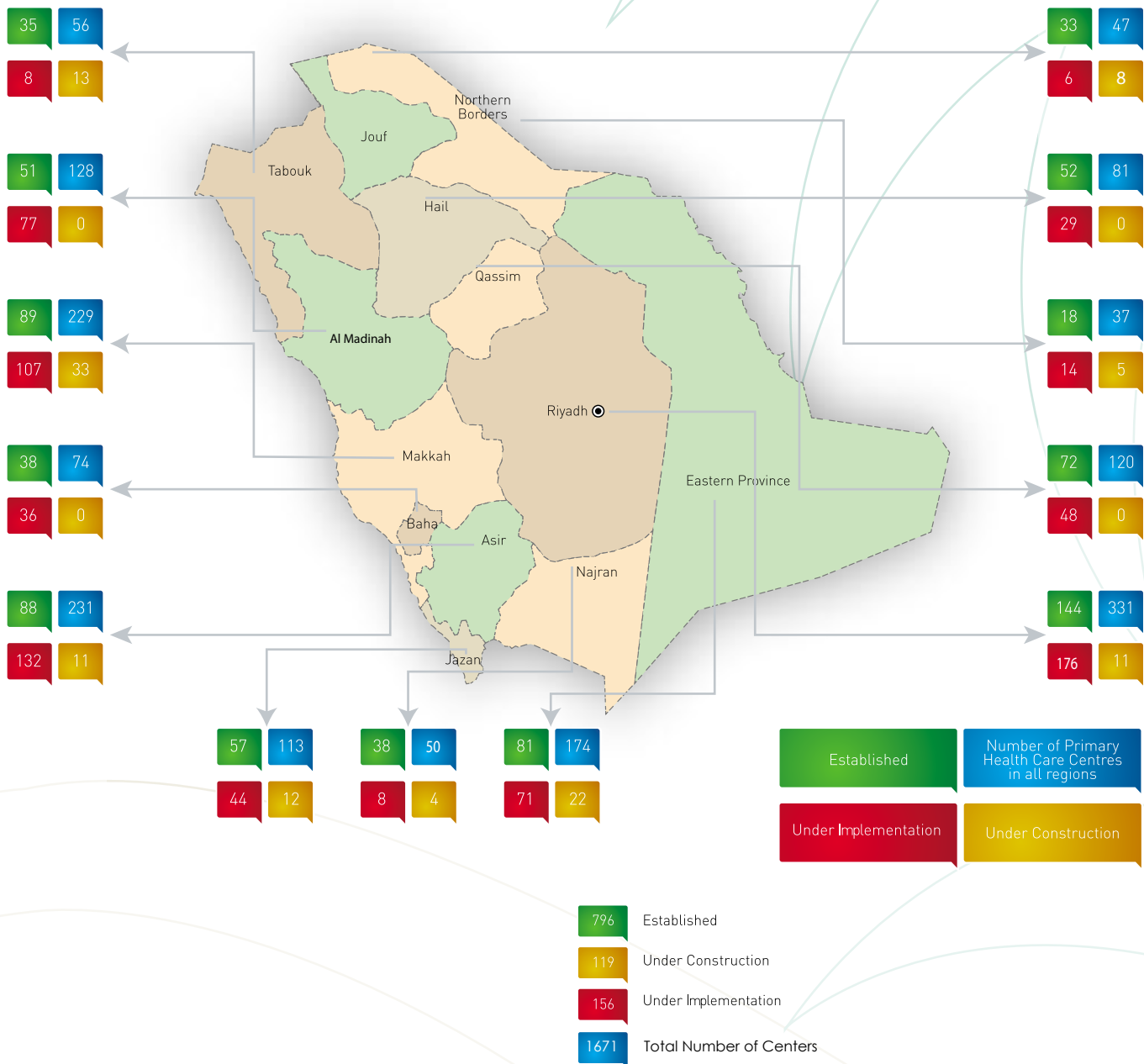
HEALTH CARE PROJECTS CURRENTLY UNDERGOING CONSTRUCTION, TENDER OR CONTRACTED IN THE KINGDOM

No.	Health Care Facility	Clinical Capacity	Riyadh	Makkah	Sharqeya	Al Madinah	Hail		Qassim	Northern Border	Asir	Tabuk	Jouf	Baha	Jazan	Najran	Total
Hospitals and Towers																	
1	Medical Complexes	1000	1	1	0	0	0		0	0	0	0	0	0	0	0	2
2	Specialized Hospitals	500	0	0	0	1	1		1	0	0	1	0	0	1	0	4
3		200	0	1	0	0	0		1	0	0	0	0	0	0	0	2
4	General Hospitals	800	0	0	0	0	0		0	0	0	0	0	0	0	0	0
5		500	2	3	5	0	0		0	0	1	0	1	1	0	0	13
6		400	0	0	0	1	0		0	0	0	0	0	0	0	0	1
7		300	3	1	1	1	2		1	0	3	0	0	0	2	1	15
8		200	2	3	1	4	0		0	0	2	0	0	1	2	1	16
9		100	1	4	3	0	0		1	0	2	2	0	0	0	0	13
10		50	5	5	0	0	1		1	1	1	0	1	1	3	1	20
11	Psychological Health Hospitals	500	1	3	1	0	0		0	0	0	0	0	0	0	0	5
12		400	0	0	0	0	0		0	0	1	0	0	0	0	0	1
13		200	1	0	0	0	1		1	0	0	1	0	1	1	1	7
14		100	0	0	0	0	0		0	0	0	0	0	0	0	0	0
15	Maternity and Children's Hospitals	500	0	0	0	0	0		0	0	0	0	0	0	0	0	0
16		400	0	1	1	1	0		0	0	0	0	0	0	0	0	3
17		300	0	1	1	0	0		0	0	0	0	1	0	1	0	4
18		200	1	1	0	0	0		2	1	3	1	1	0	0	0	10
19	Medical Towers	100	0	0	0	0	0		0	0	1	0	0	0	0	0	1
20		500	2	0	0	0	0		0	0	0	0	0	0	0	0	2
21		400	1	0	0	0	0		0	0	0	0	0	0	0	0	1
22		300	0	2	0	0	0		1	0	0	0	1	0	0	0	4
23		200	2	2	1	0	1		0	1	0	0	0	1	0	1	9
24	Accident and Emergency Buildings	100	0	0	0	0	0		0	1	0	0	0	0	0	0	1
25		0	0	0	1	0	0		0	0	0	0	0	0	0	0	1
26	Psychiatric Convalescence Homes	0	1	1	0	0	0		0	0	0	0	0	0	0	0	2
Total Projects		-	23	29	15	8	6		9	4	14	5	5	5	10	5	138

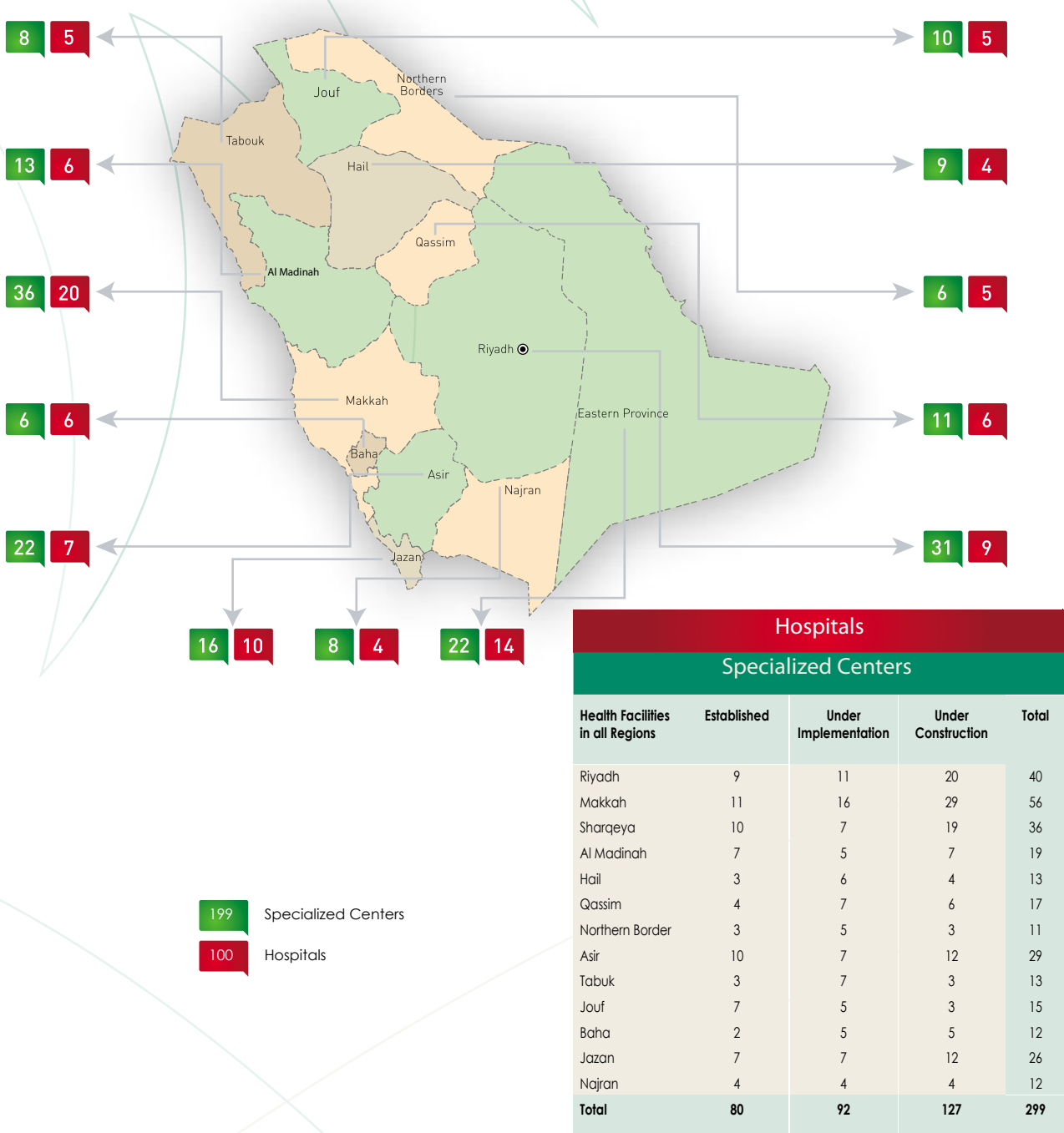
HEALTH CARE PROJECTS CURRENTLY UNDERGOING CONSTRUCTION,
TENDER OR CONTRACTED IN THE KINGDOM

No.	Health Care Facility	Clinical Capacity	Riyadh	Makkah	Sharqeya	Al Madinah	Hail		Qassim	Northern Border	Asir	Tabuk	Jouf	Baha	Jazan	Najran	Total
Specialized Centers																	
1	National Health Laboratory	0	1	0	0	0	0		0	0	0	0	0	0	0	0	1
2	4th level National Laboratory	0	1	0	0	0	0		0	0	0	0	0	0	0	0	1
3	Diabetes Centers	0	0	0	0	0	1		0	0	0	1	0	0	0	0	2
4	Dentistry Centers	0	3	5	4	1	1		1	0	1	1	1	1	2	1	22
5	Regional Laboratories, Blood Banks and Poisons Centers	0	1	3	2	0	0		1	1	1	1	1	0	1	0	12
6	Polyclinics	0	1	0	0	0	0		0	0	0	0	0	0	0	0	1
7	Heart Centers	0	0	1	0	0	0		0	0	0	1	0	0	1	0	3
8	Cancer Centers	0	0	0	1	1	1		0	0	0	1	0	0	1	0	5
9	Forensic Medicine Centers	0	0	0	0	0	0		0	0	0	0	0	0	1	0	1
10	Outpatient Clinics & Specialized Programs	0	0	0	1	1	0		0	1	1	0	0	0	0	0	4
11	Kidney Centers	0	0	6	2	1	1		2	2	2	0	1	4	2	2	25
12	Vector Control Centers	0	0	0	0	0	0		0	0	0	0	0	0	1	0	1
13	Growth and Conduct Disorders Centers	0	1	1	1	0	0		0	0	0	0	0	0	0	0	3
Total Projects		-	8	16	11	4	4		4	4	5	5	3	5	9	3	81
		-	31	45	26	12	10		13	8	19	10	8	10	19	8	219

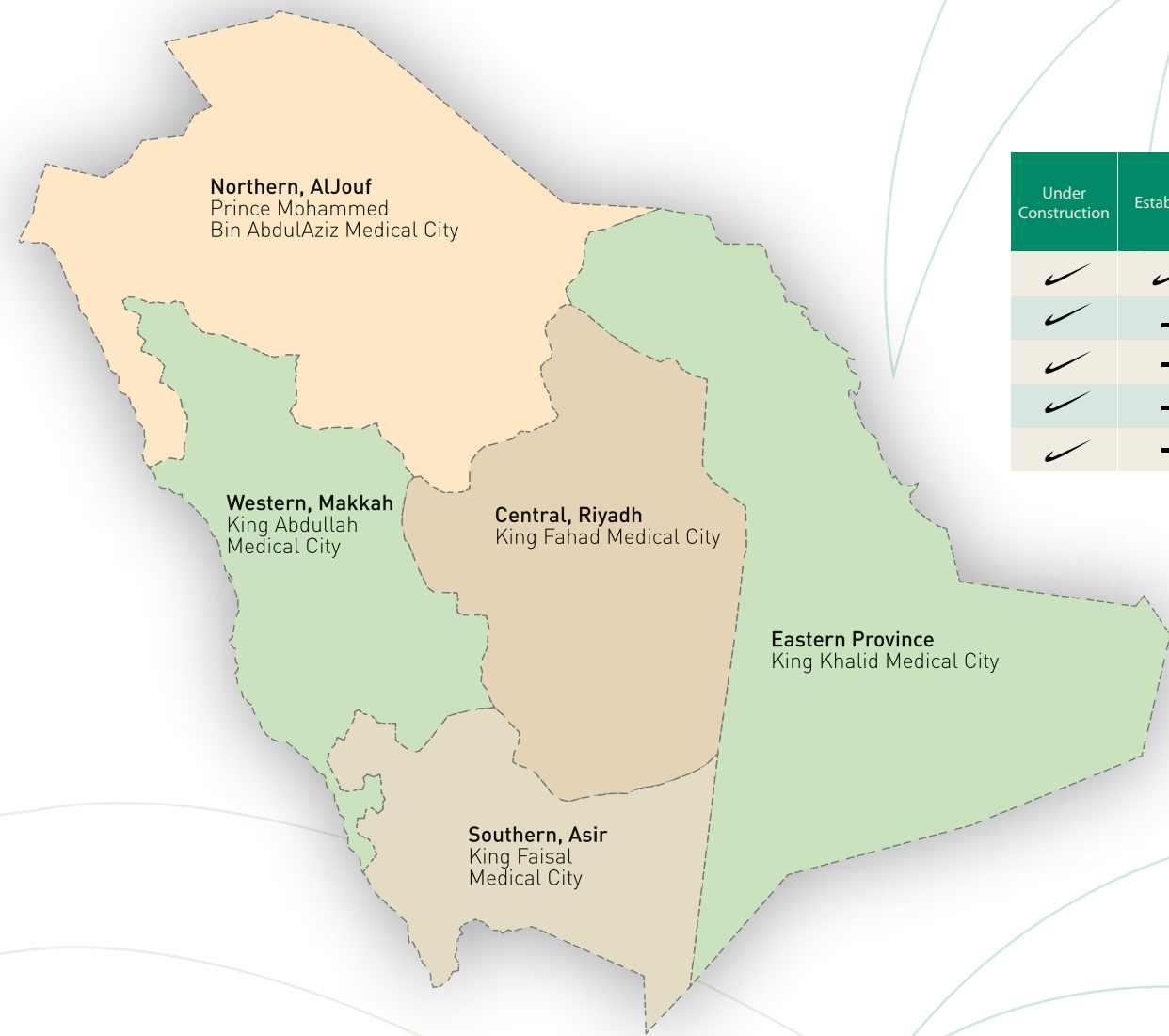
REGIONAL DISTRIBUTION OF PRIMARY HEALTH CARE CENTERS



HEALTH FACILITIES IN ALL REGIONS 2010 - 2020



REGIONAL DISTRIBUTION OF MEDICAL CITIES



Under Construction	Established	Central Areas
✓	✓	Central
✓	—	Western
✓	—	Northern
✓	—	Eastern
✓	—	Southern

HOSPITALS ESTABLISHED (2010-2013)

Region	No. of Hospitals Established	No. of Beds
Riyadh	8	1,400
Makkah	8	2,386
Eastern	7	1,150
Al Madinah	5	650
Hail	3	180
Qassim	4	475
Northern Border	3	400
Asir	8	800
Tabuk	3	350
Jouf	5	550
Baha	2	100
Jazan	6	400
Najran	3	150
New	45	6,521
Upgraded/ Replacement	20	2,470
Total	65	8,991

DIABETES CENTERS

No.	Region	Centers
1	Riyadh	1
2	Makkah	4
3	Eastern	2
4	Al Madinah	1
5	Hail	1
6	Qassim	1
7	Northern Border	2
8	Asir	2
9	Tabuk	2
10	Jouf	1
11	Baha	1
12	Jazan	1
13	Najran	1
Total		20



ONCOLOGY CENTERS

No.	Region	Centers
1	Riyadh	Prince Sultan Hematology and Oncology Center King Fahad Medical City
2	Qassim	Prince Faisal Bin Bandar Oncology Center
3	Makkah	King Abdullah Medical City
4	Jeddah	Oncology Center at combined with King Abdullah Medical City
5	Eastern	King Fahad Specialist Hospital Dammam

SUMMARY PLANS FOR FUTURE ONCOLOGY CENTERS

Category	Region
Oncology Centers Category (A)	Medical Cities
	<ul style="list-style-type: none"> King Fahad Medical City, Riyadh King Abdullah Medical City, Makkah King Faisal Medical City Southern Regions (under construction) King Khalid Medical City Eastern Region (has not been established as yet however, there is an Oncology Center at King Fahd Specialist Hospital in Dammam) Prince Mohammed bin Abdul Aziz Medical City in northern areas (under construction)
	Oncology Centers Category (B)
	(Al Madinah- Qassim- Jazan- Taif- Tabuk- AlAhsa- Hail)
Oncology Departments	King Saud Medical City, Riyadh - Najran - Baha - Northern Border - Hafr Al Batin - Bisha - Qatif - Qunfudah
Oncology Unit	Qurayyat



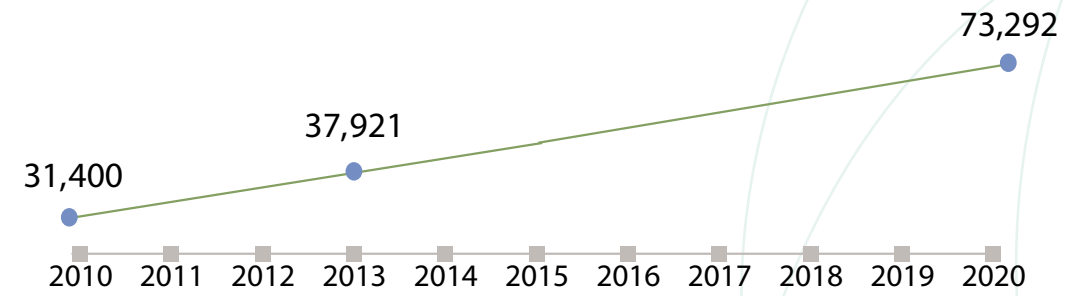
SUMMARY OF CARDIAC CENTERS

No.	Region	Centers
1	Riyadh	King Fahad Medical City
2	Makkah	King Abdullah Medical City
3	Al Madinah	King Fahad Hospital
4	Sharqeya	Saud Al Babtain Cardiac Center
5	Al Ahsa	Prince Sultan Cardiac Center (Al Hafouf)
6	Asir	Asir Central Hospital (Cath Lab Department)
7	Jeddah	King Fahad Hospital
8	Qassim	Prince Sultan Cardiac Center

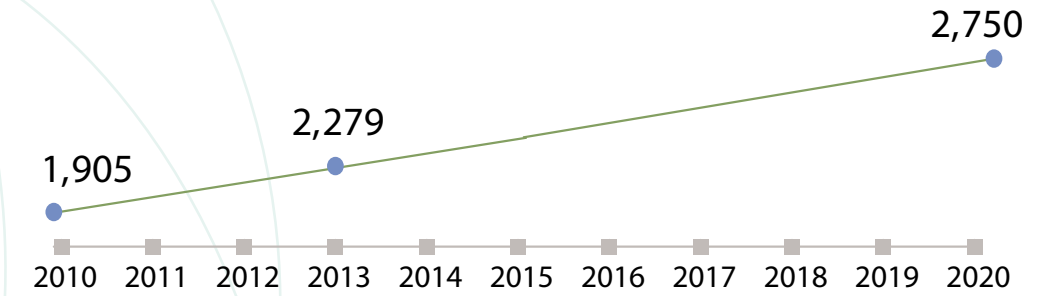
No.	Region	Centers
9	Northern Borders	Prince Abdullah Bin Abdulaziz Bin Mosaad (Arar)
10	Baha	King Fahad Medical Tower (under construction)
11	Najran	King Khalid Hospital
12	Hail	King Khalid Hospital
13	Jazan	Due to be established
14	Taif	Due to be established
15	Tabuk	Due to be established



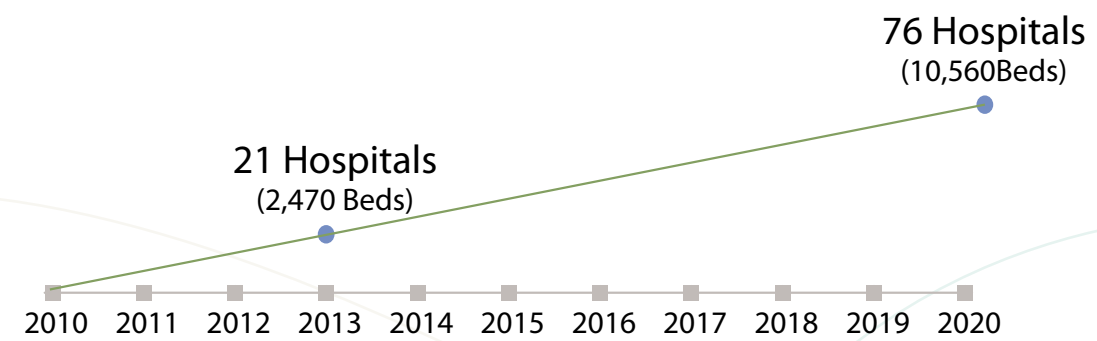
NUMBER OF BEDS



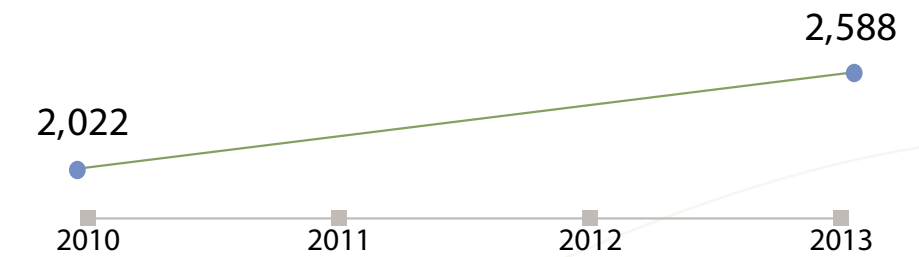
PRIMARY HEALTH CARE CENTERS



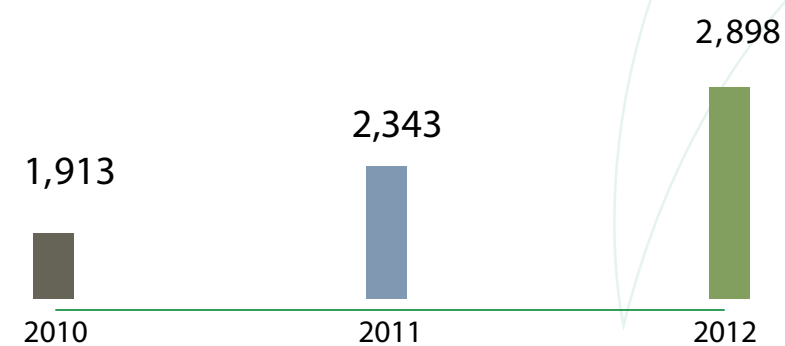
REPLACEMENT OF EXISTING HOSPITALS



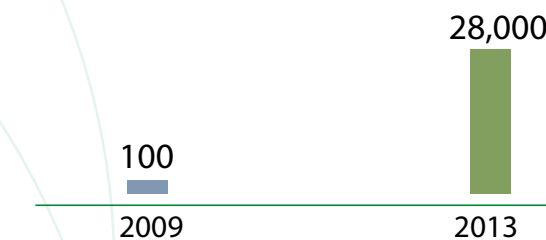
DENTAL CLINICS



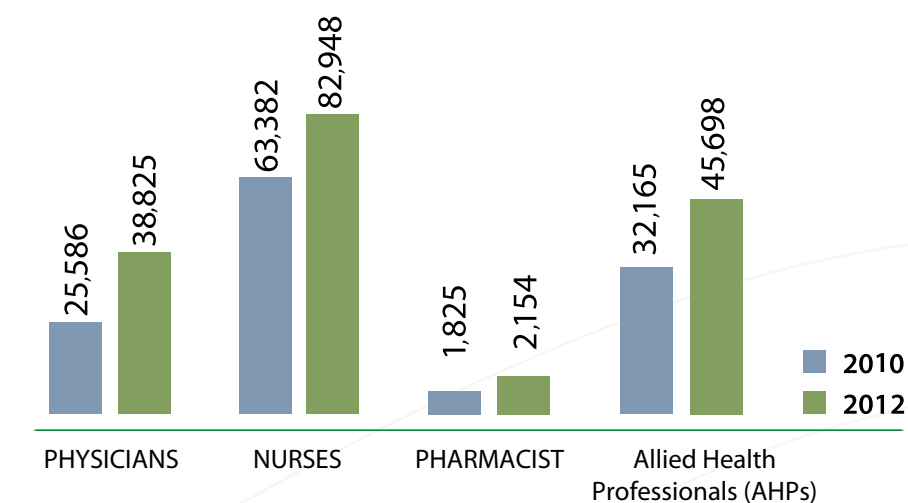
SCHOLARSHIPS AWARDED



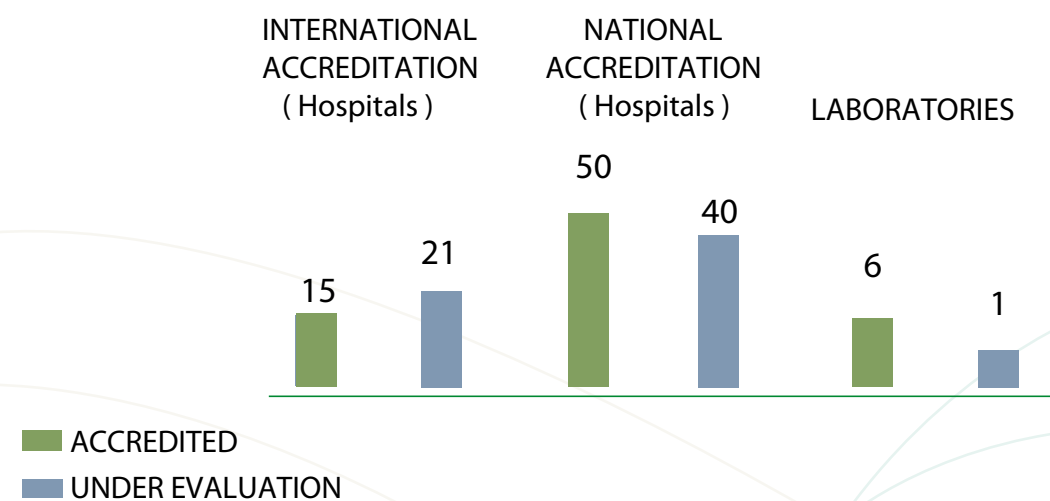
HOME HEALTH CARE PATIENTS



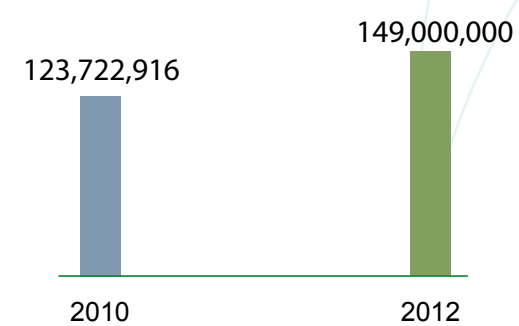
TOTAL NUMBER OF PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PROFESSIONALS ACCORDING TO SPECIALTY (2010- 2012)



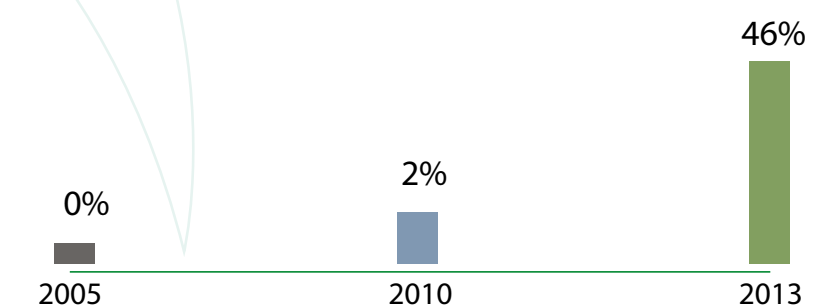
ACCREDITATION OF HOSPITALS AND LABORATORIES



LABORATORY TESTS (2010-2012)



DAY SURGERY



STATISTICS

No.	2012	Statistics
1	53,572,137	Patients-Primary Health Care Centers
2	11,672,310	Patients-Outpatient Clinics
3	20,881,477	Patients-Emergency Departments
4	1,686,353	Hospital Admissions
5	451,180	Surgeries
6	256,299	Labor And Delivery Cases
7	3,650	Dialysis Units
8	780,000	Dialysis Sessions
9	142	Dialysis Centers
10	135,000	Day Surgeries
11	262	Hospitals
12	2,259	Primary Health Care Centers
13	1,424	Scholars-Overseas
14	1,474	Scholars-Kingdom of Saudi Arabia
15	140,000	No. Of Moh Employees Trained
16	46,126	Patients Referred For Treatment-KSA
17	1,403	Patients Referred For Treatment-Overseas

No.	2012	Statistics
18	32	Specialized Dental Centers
19	2,588	Dental Clinics
20	35,828	Hospital Beds
21	25,000	Home Health Care Patients
22	2,323	Visiting Doctors
23	50	Hospitals Approved By The Central Board for Accreditation Institutions (CBAHI)
24	13	Hospitals Approved By The Joint Commission International (JCI)
25	149,000,000	Laboratory Tests
26	6,400,000	Medical Imaging Examinations
27	38,825	Doctors
28	82,948	Nurses
29	45,698	Technicians
30	2,154	Pharmacists







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