



الهيئة العامة للإحصاء
General Authority for Statistics

Statistical Yearbook Methodology

2016



Description:

The Statistical Yearbook depends on a considerable effort to collect a wide range of statistical data and information concerning the Kingdom. It contains comprehensive statistical data and information on the various activities of the governmental and non-governmental bodies in the different economic and social fields.

The Statistical Yearbook contains:

General information about the Kingdom, i.e. its location, area, geographical features, climate, administrative division and others.

Fifteen Chapters, detailed as follows:

Natural Conditions Statistics: This chapter contains general information on weather in KSA, taking the form of monthly summaries of the climate elements obtained from the weather stations network spread across the Kingdom. Such elements include: heat, humidity, rain, wind direction and other weather phenomena. It is prepared according to the information derived from the General Authority of Meteorology and Environmental Protection, through readings from weather stations in all KSA regions, by using special devices.



- 1- **Population Statistics:** This chapter contains a number of statistical tables that show population size inside the governorates. The data of this chapter are prepared by making preliminary estimates through using population growth and decline rates depending on the results of the General Census of Population and Housing.
- 2- **Education and Training:** This chapter contains a number of tables that highlight the activities of education and training in the Kingdom (general education, higher education, technical and vocational training), of both governmental and private education. Prepared through cooperation between the Ministry of Education, the Technical and Vocational Training Corporation (TVTC), and the Institute of Public Administration (IPA), this chapter contains the most important data stated in the administrative records of the said authorities.



- 3- **Health:** This chapter contains a number of statistical tables that show general statistical data and information presenting the health services provided in the Kingdom through comprehensive statistics of all health-care centers, clinics and hospitals in the public and private sectors, in addition to the health services provided to pilgrims.

- 4- **Social Services:** This chapter contains a number of statistical tables regarding social services represented in the statistics of social affairs and the related centers, programs and associations. It also includes statistics on sports clubs, literary clubs, the media, and sectors of the Interior (Civil Defense, Traffic Department, Passports, etc). Moreover, it provides information about the most prominent activities of the Ministry of Municipal and Rural Affairs, the Ministry of Justice and the Supreme Commission for Tourism. This chapter is prepared in cooperation with a number of official authorities, which provide services in this area. It is prepared through the information stated in the administrative records of these authorities or through the results of field surveys conducted by the General Authority for Statistics, such as the comprehensive counting of the number of pilgrims every year which is conducted by GAsat employees who collect the necessary data in all Hajj centers spreading within the holy city of Makkah.

- 5- **Social Insurance:** This chapter contains statistical tables that represent the activity of the General Organization for Social Insurance (GOSI), and reflect the development in the numbers of the economic institutions involved in social insurance in the governmental and private sectors, as well as data on the activities of the working institutions. This chapter is prepared by sending non-classified tables to GOSI so as to show the development in the numbers of the economic institutions involved in social insurance in the governmental and private sectors according to the regions, cities, nationality, economic activity, legal entity, the numbers of the workers enrolled in the social insurance, the increase in their numbers throughout the past period, and the compensations paid, i.e. pensions and compensations of the occupational hazard branch. These data help the decision-makers, some ministries concerned with the Saudization of jobs, businessmen and trade institutions, as well as researchers.





- 6- **Transport and Communications Statistics:** This chapter includes statistical tables showing the most important economic indicators of communication activities from the actual results of the annual economic search of the institutions conducted by the General Authority for Statistics. It also includes statistics on land, sea and air transport, communications, and mail that reflect the development in this vital sector. The statistics of this chapter are prepared through the collection and classification of the data stated in the administrative records of the Ministry of Transport, the Ports Authority, Saudi Railways Organization, the Saudi Airlines, Communications and Information Technology Commission.
- 7- **Energy and Water:** This chapter contains data on the amount of produced and consumed electricity, the number of subscribers, and the actual generation capacity. It also includes data on the amount of water produced from the desalination plants and the quantity of consumed water, in addition to data on sales of natural gas and sites of the discovered industrial and metal mines. The data of this chapter are prepared in cooperation with the Ministry of Water and Electricity, Saline Water Conversion Corporation, Gas Company and Saudi Geological Survey and all statistics that show the actual generating capacity, number of subscribers, electricity used in industry and the amount of electricity produced by desalination plants, as well as the water data that include the number of subscribers, the quantity of water consumed in major cities and the quantity of water produced by the desalination plants.
- 8- **Labor Market:** This chapter contains a number of statistical tables that include data on the number of approved jobs, recruitment rules, and numbers of employees and retirees, in addition to the data of private institutions issued by the surveys of the General Authority for Statistics. The labor market statistics are prepared in cooperation with a number of authorities concerned with this sector, such as the Ministry of Civil Service and the Public Pension Agency. This chapter puts together all data stated in the administrative records regarding the number of state employees, appointment confirmations and the number of vacancies, in addition to





other relevant statistics. Besides, tables on the most important results of the labor force research conducted by the General Authority for Statistics are prepared.

- 9- **Prices and Indexes:** This chapter contains the data produced by General Authority for Statistics from the actual results of the research on measuring the average of retail prices of a package of commodities and services. In addition to that, this chapter includes the indexes of the cost-of-living. It is prepared depending on the data produced by the General Authority for Statistics from the actual results of the researches on measuring the average retail prices of a package of commodities and services in sixteen cities of the Kingdom. Standard and precise specifications for each item were drawn up to the package of the average prices program; the prices of the same commodity or service in all regions are collected in the same specification and the same period from different types of shops (grocery store, supermarket, services, etc.) The index is derived using Laspeyres equation and population cost measures derived from Family Expenditure and Income survey.

- 10- **Financial and Monetary Affairs and National Accounts:** This chapter contains statistical tables that focus on the State budget, national income statistics, and development funds activities, in addition to the money and banking statistics of the Saudi Arabian Monetary Agency. The preparation mechanism depends on communication with several sources: Ministry of Finance, General Authority for Statistics (national income statistics), Saudi Arabian Agricultural Bank, Saudi Credit Bank, Real Estate Development Fund, Saudi Arabian Monetary Agency, Public Investment Fund, and Saudi Industrial Development Fund. The General Authority for Statistics calculates the totals of gross domestic product (GDP) according to the type of economic activity by the values of producers in current and fixed prices, sectoral shares of GDP, as well as the calculation of GDP growth rates according to the type of economic activity by the values of producers at fixed and current prices, the growth rate in spending on GDP by the values of the purchasers at current prices, and growth rates in the sectoral shares of GDP by values of producers at current and fixed prices. Concerning the rest of





sources, tables are sent to each of the said authorities to show the data that highlight its activities and functions. The data of State budget are prepared to define the financial allocations according to public expenditures items by the Ministry of Finance. Similarly, the data on the financial status of banks in the Kingdom, the assets of currency in circulation, the demand deposits in Saudi Arabian Monetary Agency are calculated. As for the data which represent administrative records such as the loans granted and the beneficiaries of them, they are obtained from the other sources. This chapter is one of the most important chapters in the Statistical Yearbook; it is considered an important reference that reflects the economic situation in the Kingdom and an annual statistical bulletin on the monetary and banking movement in the Kingdom.

11- Industry: This chapter includes tables containing data on the activities of the Ministry of Commerce and Industry and some large industrial companies such as SABIC, cement and gypsum companies, and the activities of Saudi Industrial Development Fund. The data of this chapter are prepared by addressing these authorities and requesting the data that highlight their annual activities.

12- Agriculture and Fishing: This chapter contains a number of tables which provide comprehensive data on agricultural acquisitions and their types, quantity of agricultural production, livestock and poultry, as well as the activities of the Saudi Agricultural Development Fund in establishing agricultural projects of economic benefit. The Department of Economic Studies and Statistics of the Ministry of Agriculture collects these data following two methods: one depends on the use of the sample, and the other uses the comprehensive listing. Thus, the General Authority for Statistics is provided with a list of statistics containing statistical agricultural data on area and production estimates of most agricultural crops, livestock numbers and products, Agricultural Development Fund loans and sales of the Saudi Grains Organization.





13- Domestic and Foreign Trade: This chapter includes statistics on trade in the Kingdom, covering the values, quantities and weights of the most important exported and imported commodities using the international Harmonized System Codes (H.S.), in addition to data on customs duties charged on imports. This chapter also contains tables on trade in the Kingdom. The value of imported commodities are calculated on the "cost insurance and freight" (C.I.F.) basis, as well as on the "free-on-board" (F.O.B.) basis.

14- Gulf Cooperation Council (GCC): This chapter has been added to the Statistical Yearbook on the recommendation of the General Directors of the statistics centers of the GCC. Tables that represent the comparisons between the GCC countries and that cover all important activities have been collected in this chapter. The data of this chapter are drawn up in coordination with the GCC-STAT, as the center is addressed to obtain data on the GCC-countries. Consequently, those data are classified into statistical tables.



Methodologies Used for Statistical Yearbook:

1. Preparation and design methodology.
2. Data collecting and processing methodology.
3. Audit and revision methodology.
4. Printing and publishing methodology.

First: Preparation and Design Methodology.

In preparation and design stage, the following exact mechanism is applied:

1. Designing and preparing statistical tables to be filled in by the authorities which provide the data.
2. Carrying out the proper modifications to these tables in cooperation with authorities.
3. Adding new statistical tables in coordination with the data sources.
4. Designing the suitable charts and diagrams.

Second: Data Collecting and Processing Methodology:

Collection of the Statistical Yearbook data goes through two main stages:

1- Requesting data from their sources:

The Statistical Yearbook depends on two main sources for data provision:

The First Source: It is the most important results of researches, surveys, and statistical studies in the demographic, social, economic and other fields which are conducted by the General Authority for Statistics.

The Second Source: It is data and figures derived from the administrative records of a large number of governmental and non-governmental organizations, as these authorities are address in a specified time. The appointment of a coordinator for each authority is requested so as to serve as a link between these authorities and the General Authority for Statistics.

Following are the authorities that provide the Statistical Yearbook data:

No.	Statistical Yearbook data source (outside the GStat)	Authority Category
1	The Technical and Vocational Training Corporation (TVTC)	Governmental
2	The Institute of Public Administration (IPA)	Governmental
3	Ministry of Education	Governmental
4	The Saudi Grains Organization	Governmental
5	Agricultural Development Fund	Governmental
6	Saudi Customs	Governmental
8	Ministry of Commerce and Industry-Planning and Development Department	Governmental
9	Ministry of Agriculture	Governmental
10	Saudi Arabia Basic Industries Corporation (SABIC)	Governmental
11	Saline Water Conversion Corporation	Governmental
12	Cement Companies	Private
13	National Gypsum Company	Private
14	National Gas & Indust. Co (GASCO)	Private





15	Saudi Geological Survey	Governmental
16	Ministry of Energy, Industry and Mineral Resources (MEIMR), MEIMR Department for Mineral Resources	Governmental
17	Ministry of Commerce and Industry (MCI), MCI Department for Industry Affairs	Governmental
18	The Ministry of Water and Electricity (MOWE), MOWE Department for Water Affairs	Governmental
19	The Ministry of Water and Electricity, MOWE Department for Electricity Affairs	Governmental
20	The Public Pension Agency	Governmental
21	Ports Authority	Governmental
22	Saudi Post	Governmental
23	Saudi Airlines	Semi-governmental
24	Communications and Information Technology Commission	Governmental
25	Ministry of Energy, Industry and Mineral Resources	Governmental
26	Ministry of Transport	Governmental
27	Saudi Railways Organization	Governmental
28	General Authority of Civil Aviation	Governmental
29	Ministry of Civil Services	Governmental
30	General Authority of Meteorology and Environmental Protection	Governmental
31	Saudi Red Crescent Authority	Governmental
32	Ministry of Health	Governmental
33	Saudi Credit & Saving Bank	Governmental
34	General Organization for Social Insurance (GOSI)	Governmental
35	Real Estate Development Fund (REDF)	Governmental
36	Public Investment Fund	Governmental





37	Saudi Industrial Development Fund	Governmental
38	Saudi Arabian Monetary Agency (SAMA)	Governmental
39	Ministry of Finance Department for Accounts Affairs	Governmental
40	Ministry of Finance Department for Revenues Affairs	Governmental
41	Ministry of Finance, Budget and Planning Department	Governmental
42	Secretariat General of the Gulf Cooperation Council- information Sector	Governmental
43	MAS Center. Saudi Commission for Tourism and National Heritage	Governmental
44	General Presidency for Youth Welfare	Governmental
45	General Department of Passports (GDP)	Governmental
46	The General Directorate for Civil Defence	Governmental
47	Board of Grievances	Governmental
48	Human Resources Development Fund	Governmental
49	Ministry of Culture and Information	Governmental
50	Ministry of Interior, Traffic Department	Governmental
51	Ministry of Interior, Public Security	Governmental
52	Ministry of Interior, Civil Affairs	Governmental
53	Ministry of Social Affairs	Governmental
54	The Ministry of Municipal and Rural Affairs	Governmental
55	Ministry of Justice	Governmental
56	Ministry of Labor, Planning and Development Department, Information Center	Governmental
57	Ministry of Islamic Affairs, Endowments, Call and Guidance	Governmental





2- Data Collection Stage:

- Planning a continuous follow-up and communication with the coordinator appointed by the authorities that provide data;
- Paying visits to some authorities by the employees of the Authority to facilitate the mission of data collection and completion;
- Carrying out preliminary review of the data after receiving them for verification;
- Inputing and classifying data electronically; and
- Processing data.

Third: Audit and Revision Methodology:

Audit and revision are carried out through the following steps:

- 1- Making comparisons with the previous years data and discussing the data that have a noticeable change with the authority.
- 2- Making sure that the data are logical.
- 3- Depending on the computerized programs to conduct the required calculations; and
- 4- Following specific steps and rules for data audit and revision.



Fourth: Printing and Publishing Methodology:

Statistical Yearbook is disseminated through the following means:

- 1- Paper copies.
- 2- Soft-copies on CDs.
- 3- General Authority for Statistics (GASat) website: www.stats.gov.sa.
- 4- Keeping the Statistical Yearbook data on the website up-to-date by introducing any update received from Yearbook sources.

How to Benefit from Statistical Yearbook:

The Statistical Yearbook is considered a comprehensive main source for data on the various activities and services provided by the governmental and non-governmental authorities. As the Book contains





various data and information on all sectors, it has a wide range of uses that are not restricted to a certain category, for example:

- 1- Population Chapter: is one of the most important data needed in conducting studies and researches and in developing indicators of the population, through which development requirements are fulfilled in all cities and governorates.
- 2- Education and Training Chapter: contains data that help the decision-makers in the government as well as the private sector to make the necessary plans for the establishment of educational institutions necessary to accommodate the expected numbers. Besides, these data help the planners and those interested in organizing the labor market.
- 3- Social Services Chapter: is important for a large category of beneficiaries. The data of this chapter help the citizen to know the services provided. They also help the social researchers to conduct researches and studies concerning social issues. Moreover, the data related to counting Pilgrims provide valuable information that help the officials in the Ministry of Hajj and a number of security bodies to benefit from them in the planning for the organization of Hajj.
- 4- Labor Market Chapter: The outputs of this chapter are the most important data that are necessary for the preparation of appropriate plans to regulate the labor market, find solutions, and create job opportunities for the job-seekers. Besides, they may be helpful in conducting economic researches by the economists and the researchers concerned.
- 5- The Prices and Indexes Chapter: provides data that serve a great number of researchers and those interested in the economic field in carrying out studies that show inflation rates and consumption pattern of the population, and other important economic indicators.

GCC Chapter: provides information that help planners in the GCC countries to draw up development plans of the GCC countries in various fields that link these countries.







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