

# HISSTORY OF OFFICIAL STATISTICS IN PAKISTAN

## ❖ HISTORY OF STATISTICS

During the 15th and 16th centuries, statistics were a method for counting and listing populations and State resources. the statistics word derived from the latin word status or the Italian word statista . both have same meaning political state . the word statist used by shakespear and Milton. In 1749 got afraid during one of his lecture at german university . with the passage of time the word statistics used in England equant to the german word statistic. at the end of eighteen century the word statistics used by many writers during the nineteenth century there came or appearing a num of meaning of the word staatistics .first meaning is the description of the cracteristics by numerical method . by the eighteen century the word statistics means that systumetically collection of demographic and economic data . in nineteenth century the word statistics means that collection of data organizing of data analysis of data summarizing of data and interpret the data by numerically , graphically and tabulatically

## ❖ HISSTORY OF OFFICIAL STATISTICS

Official statistics is the statistics published by govt and other public bodies . they provide quantitative and qualitative information on all major areas of citizen such economics, social development ,living conditions health , education and envirmetal .govt agencies for example municipal ,county,and state administration may generate or collect the the statistics about the enviement of the country or era. Official statistics came in to exist for register the data from A to Z . for example birth , death and merriages and crime rate

There are many aspects on which statistics is collecting or register for example for example hospital records of patient illnesses, police records of crime, and records of people claiming various types of social insurance benefits . butt specially designed data collections compulsory censuses of population, housing, and employment, and voluntary interview surveys with national samples of the whole adult population

The first censuses in the subcontinent was conduct by department of interior censuses office or beuru of the censuses livrary at 30 october 1881 under the act of 1879 .the secretry of interior censuses office was Whasnigton .the suprident of censuses 1881 was FRANCIS A. WALKER,. In the first time the statistics about talegraph ,rail road and life insurance has been collected .

The second censuses was conduct in subcontinent at 1891 under the suprident Jervoise Athelstane.this censuses gthather data from britis india kashmir upper Burma Bhutan blochistan and sikiim .the population censuses were conduct on the basis of agr race religion literacy mirage language infirmity sex and cast.

The last censuses of subcontinent before indep of Pakistan were conduct at 1931 . the censuses of 1931 is the last censuses of subcontinent .

There are many survey or census conduct by the govt or public bodies in the contry . in the country census are conduct by the govt institute after the exact or fixed interval period of year for example in Pakistan after 10 year censuses has been conduct in thr history of Pakistan . after the indep of Pakistan first

census have conduct on 1951 and next census 1961 and next census 1973 due the 1973 constitutions so on at the interval of the 10 year. Labour force survey is the example of survey conduct by the govt agencies. there is a many variety of the data collections using survey methods with personal, postal, or telephonic . there is different kind of information are collected and on the different aspect to produce the statistics on a great range of matters for example earnings and incomes,trade;illness, health, and usage of the medical services; housing, job change, and migration household expenditure patterns; the Retail Price Index; national economic accounts, government expenditures; patterns of food consumption and nutrition; any experience as the victim of crime; leisure activitie , travel patterns to work, for business, and for leisure, international travel, immigration, and emigration

Almost every country in the world has one or more government agencies that supply decision-makers and other users including the general public and the research community with a continuing flow of information This bulk of data is usually called official statistics

#### ❖ AIM OF THE OFFICIAL STATISTICS

Official statistics provide a picture of a country or shape through data and image such as graph and maps of the data . statistical information covers different aspects of area or country such as economical,demographical and social . it provides basic information for decision making , evaluation of the problum and assessment of the problum

#### ❖ SYSTUM OF THE OFFICIAL STATISTICS IN PAKISTAN\

- Social and economics statistical system
- General statistical system

#### ❖ Social and economics statistical system

- Fedral system /statistics division
- Provincial system/provincial bueros of statistics
- Financial statistical system/state bank of Pakistan

#### ❖ GENRAL STATISTICS SYSTEM

- Provincial offices functioning under different Ministries
- Autonomous
- Private statistical organizations

## ❖ STATISTICS DIVISION

Statistics Division is responsible for preparation of plan for improvement of statistics, formation of policy regarding: national censuses and surveys and general statistics. The head quarter of the statistical division is at Islamabad. This department is under the finance minister. The finance minister of the dept is Abdul Hafeez Sheikh and secretary of the dept is Asif Bajwa. It is the major source of data about Pakistan demographics and economically.

## ❖ DEPARTMENT OF STATISTICS DIVISION

- Federal Bureau of statistics (F.B.S)
- Population Census organization (P.C.O)
- Agricultural Census Organization (A.C.O)

## ❖ FEDERAL BUREAU OF STATISTICS

The central statistical office (CSO) was set by the government of the prime minister Liaquat Ali Khan in 1947. In 1950, CSO became an attached department of the economic affairs division. In 1972, Zulfikar Ali Bhutto upgraded the CSO. In 1981, CSO was recognized and the name of the institute CSO was converted into the Federal Bureau of Statistics. The headquarters of FBS is in Islamabad. It was set up on 14 July 1950 in Pakistan.

The Pakistan Bureau of Statistics is the government agency that provides solid and comprehensive research. Results are compiled, analyzed, and interpreted by the Pakistan Bureau of Statistics for a better understanding of population, demography, economy, and society.

## ❖ FUNCTION OF ( F.B.S)

- Collection, compilation and Analysis of statistical data.
- Exchange of statistical information with foreign countries.
- Undertaking the national census and surveys.
- Supply of statistical information to central Ministries, provincial governments and other organizations.

## ❖ POPULATION CENSES ORGANIZATION

Population census organization is a department of the statistics division, with its head quarter in PCO at Islamabad, and provincial population organizations in each of the four provinces. PCO was established in 1950 under the Census Act of 1949. After 1972, the department of registration and census organization were common or merged. In 1978, census organizations were renamed population census organizations.

#### ❖ FUNCTION OF (P.C.O)

- Planning and execution of population censuses
- Tabulation of data
- Analysis of censuses data
- Supply of censuses data to data user
- Present of data in diff forma

First population censuses were conduct in 1951 after indep of Pakistan ,six censuses conduct after the indep of Pakistan (1951,1961,1972,1981,1991,and 2017) .befor indep of paki first censuses conduct in 1881 and after 10 year till 1947

#### ❖ AGRICULTURE CENSES ORGANIZATION

Agriculture censuses organization was established in 1958 ,the first censuses of agriculture was conduct in 1960, next was conduct in 1972 ,the newly statistics division established in 1978 aco had conduct four censuses 1980, 1990,2000,2010 . after the organization has been merged with the Pakistan bureu of statistics 23 december 2011 as a agriculture censuses wing

- Functions of agriculture censuses wing that agriculture censuses wing is responsible for planning ,execution,and publication of data

❖ ADVANTAGE AND DISADVANTAGES OF OFFICIAL STATISTICS

<u>ADVANTAGES</u>	<u>DISSADVANTAGES</u>
Readlily available	Statistics collected for govt not for sociologist
Cover wide range of subject	Definition used collecting data different
Genrally reliable	Some statistics questioned
Similar result	Definitions change over time making comparisions
Same conditions	Incomplete so not accura
Cover large population	Data messaged for govt purposed
Preferd by possitivits	Reliability questioned
Regular interval to show trend and patren	
Correlation and comparision between group	

❖ MOST COMMON INDICATOR USED IN OFFICIAL STATISTICS

1. Total population
2. Population density
3. Population by age
4. Life expectancy
5. Foreign born
6. Total fertility rate
7. Infant mortality
8. Women labor force
9. Employment ,unemployment rate
10. Gdp,Gnp

- 11. Export or import of good and services
- 12. Balance of payment
- 13. Land and chemical use
- 14. Electricity consumption
- 15. And energy consumption

## ❖ LIMITATIONS OF OFFICIAL STATISTICS

### 1. Qualitative Aspect Ignore

the statistical method does not study the nature of phenomena which cannot expressd the qualitative terms. Such phenomena cannot the part of study of statistics .

### 2. IT DOES NOT DEAL WITH INDIVIDUAL TERM

By head line Statistics does not deal with only individual partical or item . it does not recognize any individual item.

### 3. IT DOES NOT DEPICT ENTIRE STORY OF PHENOMENA

When a phenomena happen that is due to the different causes but all these causes cannot be express in term of data. So we cannot reach at the conclusion .

### 4. LAWS ARE NOT EXACT

Two are concerned fundamental law with statistics

- I. Law of inertia of large num
- II. Law of statistical regularity

### 5.

the results are interpolated for which time series or regression or probability can be used. These are not absolutely true. If average of two sections of students in statistics is same

### 6. TO MANY METHOD TO STUDY THE PROBLUM

In this subject we use many methods to find a single result. Variation can be found by quartile deviation, mean deviation or standard deviations and results vary in each case. It is not assumed that the statistics is the only method to use in research,

## ❖ IMPORTANCE OF OFFICIAL STATISTICS

Statistics have come to play an important role in every field of human activity . there is minor probability where statistics data or statistics method are not used for one purpose. There are many field where statistics are used like administration ,bank,bussines,insurance,social science,physics/chemistry,astronomy,biology,,sociology,economics,psychology and education,and also metrology field.

- Statistical data widely use in taking all administrative dicision
- Statistical data used arriving dicission in all matters
- All type of bank make use of statistics for num of purpose .statistics help the bankers in forecasting the demand for withdrawl of money at different period of time
- Statistical data are used to find the death rates in the past and statistical method are used to estimate the rate of interest in the time to come
- In social science statistics are used to interpretation of measurement .statistics are help describing these measurement more preciously
- In physics and chemistry statistical are used to analyse the experimental result and testing their significance
- In astronomy field method of least squre are used to finding the movement of stars since old days