



7th Population & Housing Census 2023

(Digital Census of Pakistan)

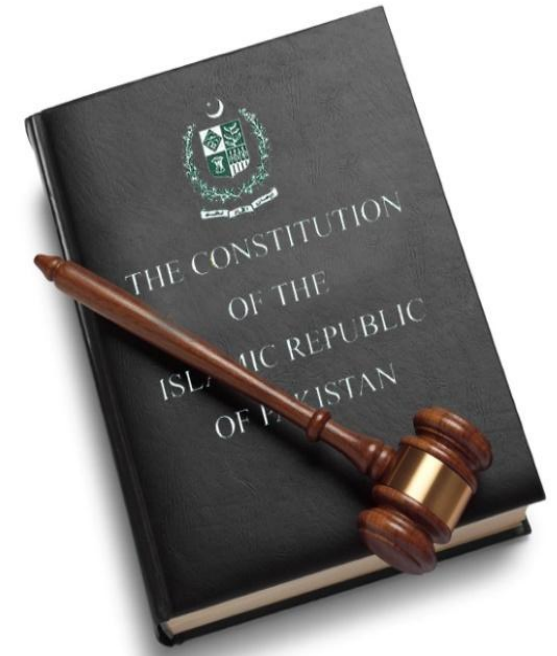


Pakistan Bureau of Statistics was established with the enactment of
General Statistics (Re-organization) Act – 2011

PBS was notified on **23rd December, 2011**

PBS created with merger of four organizations namely:-

- **Federal Bureau of Statistics (FBS)**
- **Population Census Organization (PCO)**
- **Agricultural Census Organization (ACO)**
- **Technical Wing of Statistics Division (TW)**



Functions of PBS



- Undertaking the National **Censuses and Surveys**
- Evaluation and introduction of standard concepts, definition and classifications pertaining to national statistical series
- **Collection, Compilation and Analysis** of statistical data relating to various economic and social sectors
- Provision of statistical information to Federal Ministries, Provincial Governments and other organizations for Evidence based Policy Making
- Evaluation of efficient computation methods for **Statistical Estimation**
- Implementation of policy laid down by the Ministry by adopting the Statistical System of Pakistan to conform with the policy
- **Provision of Baseline Data** for designing of Development plans and its Monitoring & evaluation

The 7th Population and Housing Census-2023

(The first-ever Digital Census)

Background



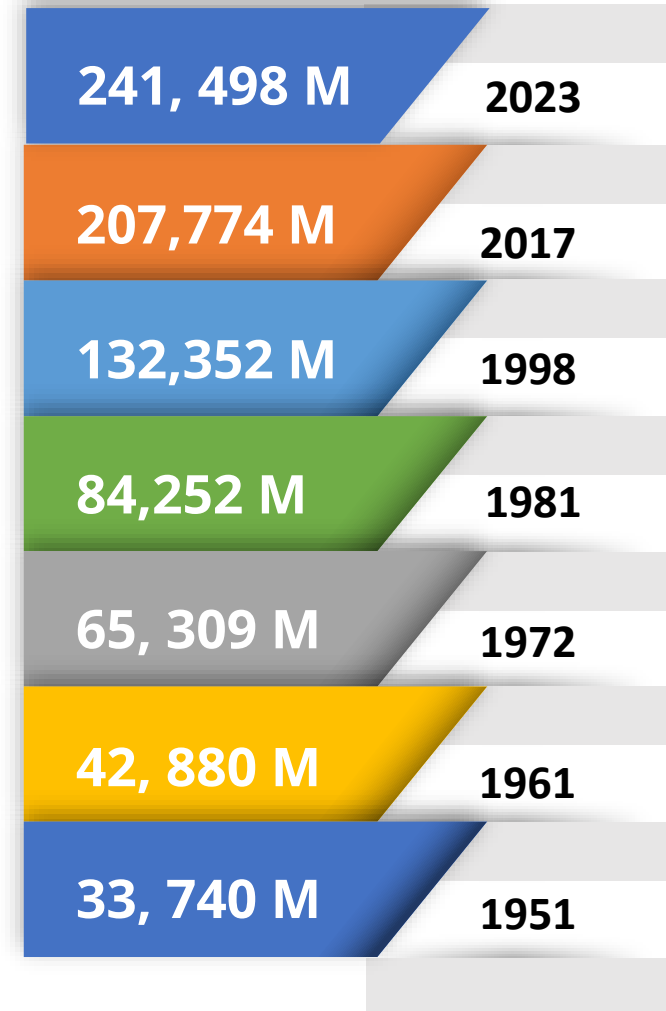
- Seven Censuses have been undertaken so far i.e. **1951, 1961, 1972, 1981, 1998, 2017 & 2023**
- Results of 6th Census, held in 2017, were approved in 45th Council of Common Interests (CCI) meeting held on **12th April, 2021.**
- In the same meeting CCI directed to conduct 7th Census such that:

“The process of next Census should start as early as possible according to international best practices by using latest technology”

- PBS undertook all necessary procurement and developed digital infrastructure for transparent and smooth conduct of census

Approval of 7th Population and Housing Census

- The 7th Population and Housing Census was the **largest digitization exercise** of **South Asia**
- The population of Pakistan is **241,498 million** and **40 Million Structures Geo-Tagged**
- **7.2 million** Economic establishments geo-tagged with two-digit classification which will provide frame for Economic Census



Sectors Covered in Census-2023



Demographic Characteristics

(Gender, Age, Marital status, Religion, Language, Nationality)



Migration

(Place of birth, Inter –Intra province Migration)



Education

(Enrollments, Out of School, Studied Classes, Field of Education)



Functional Limitation

(Disability, 6 Types of Disability)



Employment

(Employment Status, Employment Sector, population not in Education & Employment)



Housing Characteristics

(Kaccha, Pacca, Water, Electricity, Gas, Source of information, Multistory buildings, Toilet, Kitchen)



Geocoding of all the structures
Homes/Schools/Colleges/Universities
Establishments

Consulting Organizations

Due to Challenging Timelines PBS Adopted G2G Approach.



NADRA

- Tablet Provision
- ERP Solution
- CSC Support
- Training Staff



NTC

- Infrastructure Provision
- Call Center
- SMS Gateway



Provincial Govt.

- Monitoring staff
- Training Venues
- Enumeration Staff



SUPARCO

- Fresh & high resolution Satellite Imagery (.3 M)



Armed Forces

- Security of Census Staff



Police

- Security of Census Staff

Digital Census Component



ERP Software's

- Data Collection Software
- Administrative Modules
- Visualization Dashboards



Infrastructure

- Primary Sites
- Disaster Recovery Sites
- Backup Site



Connectivity

- 126,000 Intranet APN SIMs
- 700 VPN Accounts
- 700 Internet SIMs



Hardware

- 126,000 Tablets & Accessories
- 700 Laptops, 700 Printers
- 700 Internet Devices

GLIMPSE CENSUS 2023



241.4 million
Population



40 million
Structures



38.3 million
Households



7 million
Economic unit



622k
Mosque /
Worship



18k
Banks



17k
Hostels



269k
Hotels



4546
Police Stations



127k
Hospitals



37k
Madrasas



2.8 million
Retail Shops



190k
Wholesale
Shops



832k
Product'
Shops



1.5 million
Service' Shops



254k
Schools



12477
Colleges



226
Universities



194k
Factories/Indu
stries



20k
Semi-public
organizations



49k
Public
organizations

Population Statistics

TOTAL POPULATION

241.4 MILLION

**Province-wise population share for the
censuses 2023 & 2017**

% Share
2023
2017



127.6 M
52.87%
53.0%



55.6 M
23.06%
23.0%



40.8 M
16.91%
17.1%



14.8 M
6.61%
5.9%

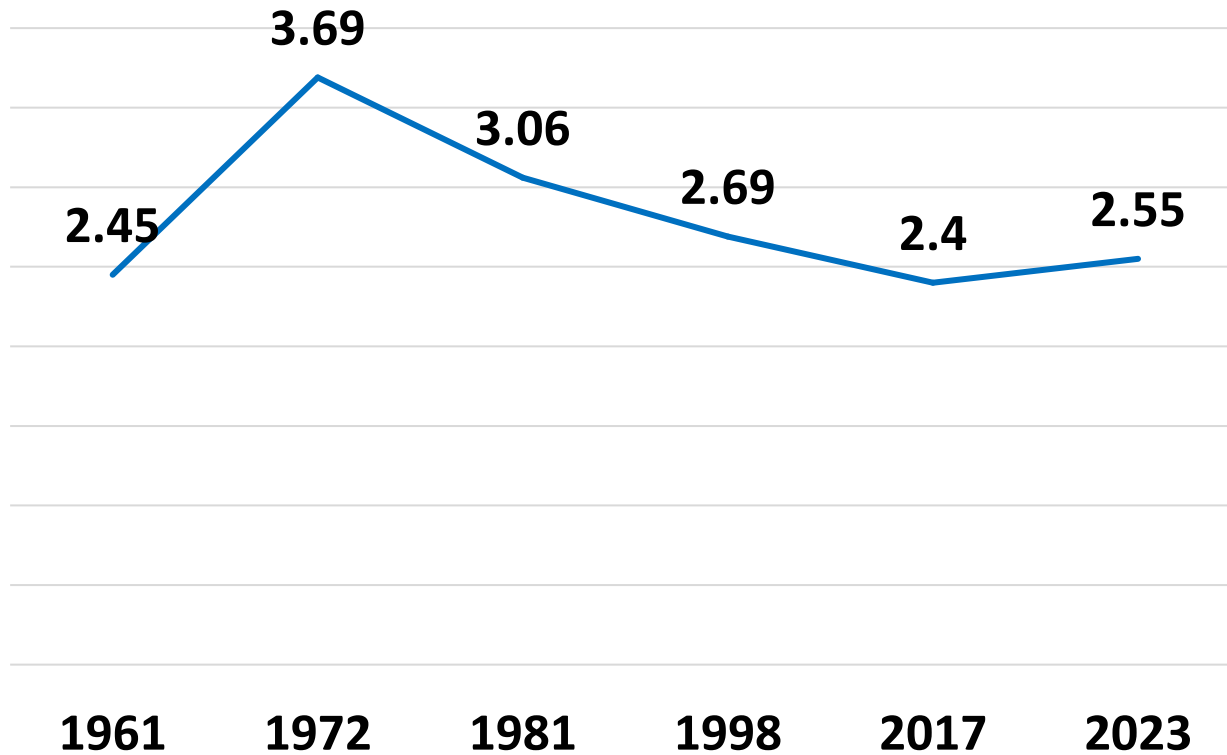


2.36 M
0.98%
1.0%

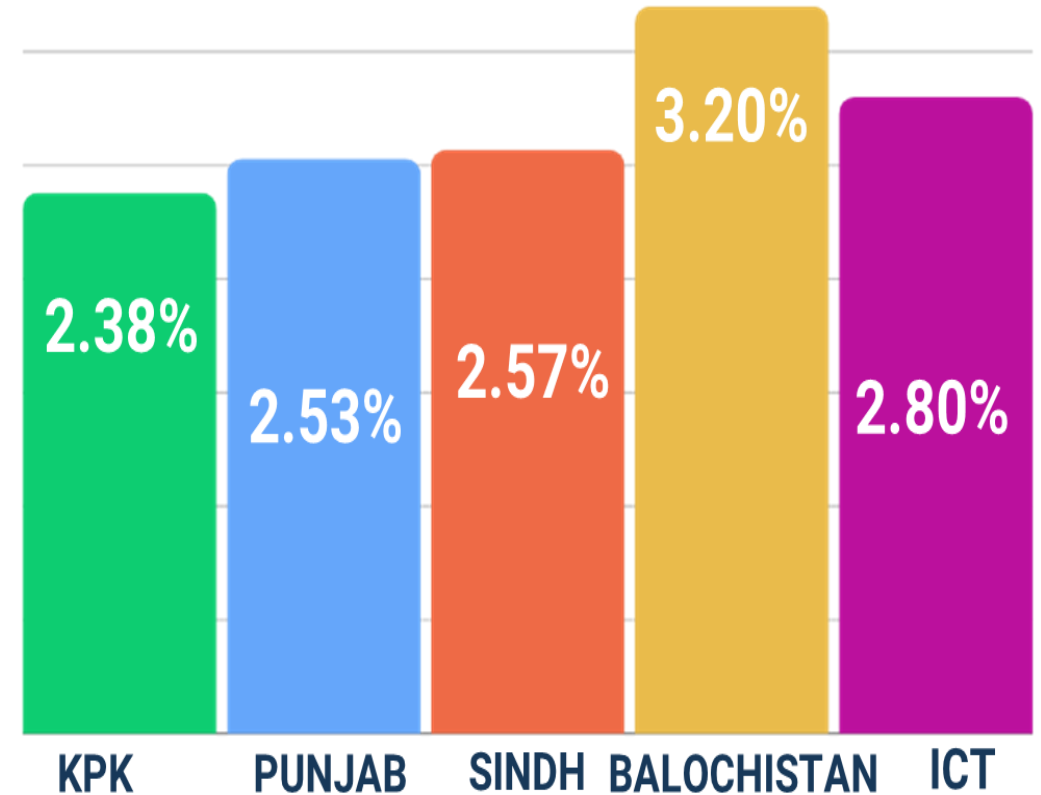
Population Growth Rate



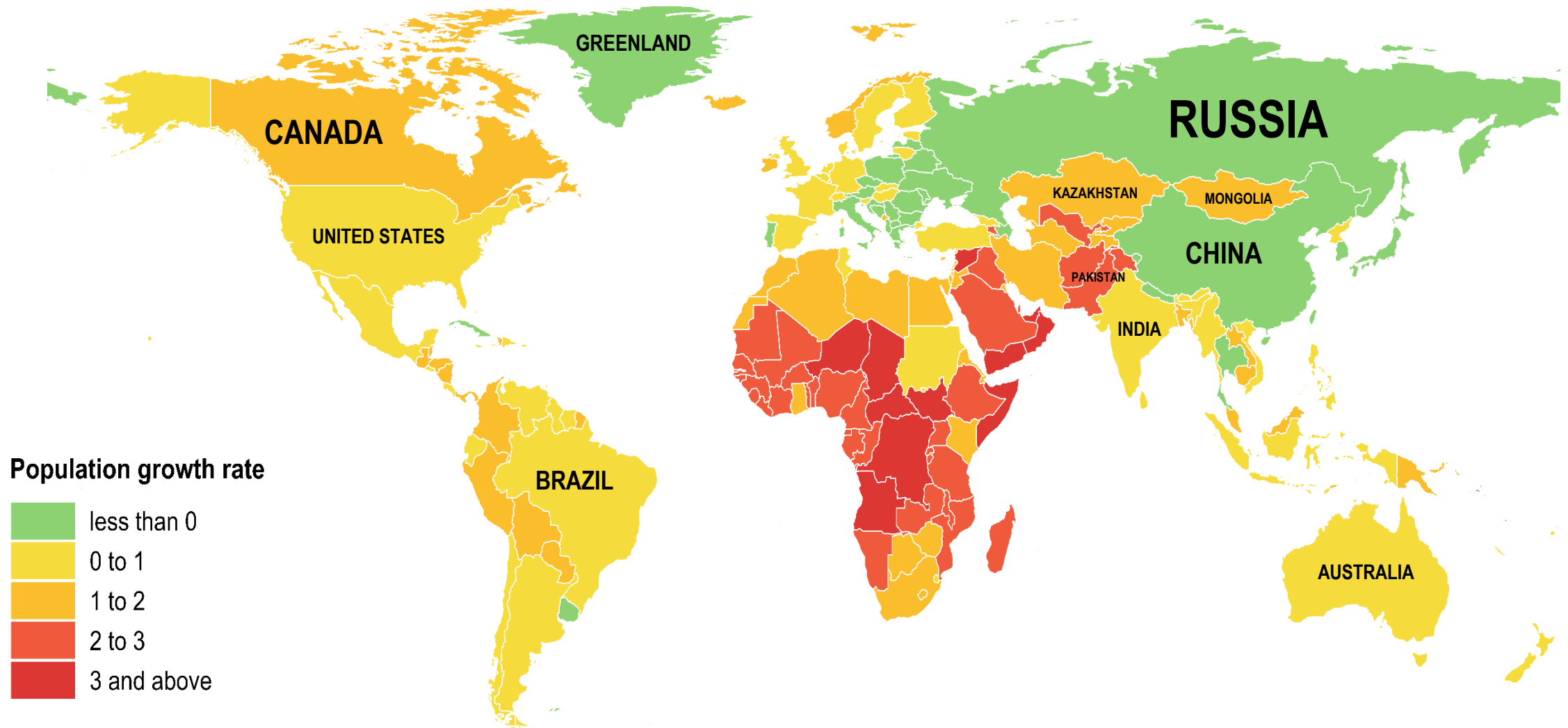
Pakistan Growth Rate



Annual Growth Rate Census 2023



Population Growth Rates



Demographic Statistics

GENDER STATISTICS



51.48%

Males

124,324,406



48.51%

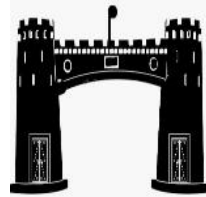
Females

117,154,694



Males: Province Wise

51.02 %



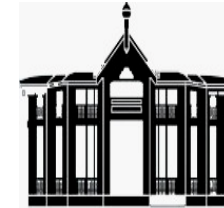
51.26 %



52.09 %



52.15 %



52.78 %



Females: Province Wise

48.97 %

48.73 %

47.90%

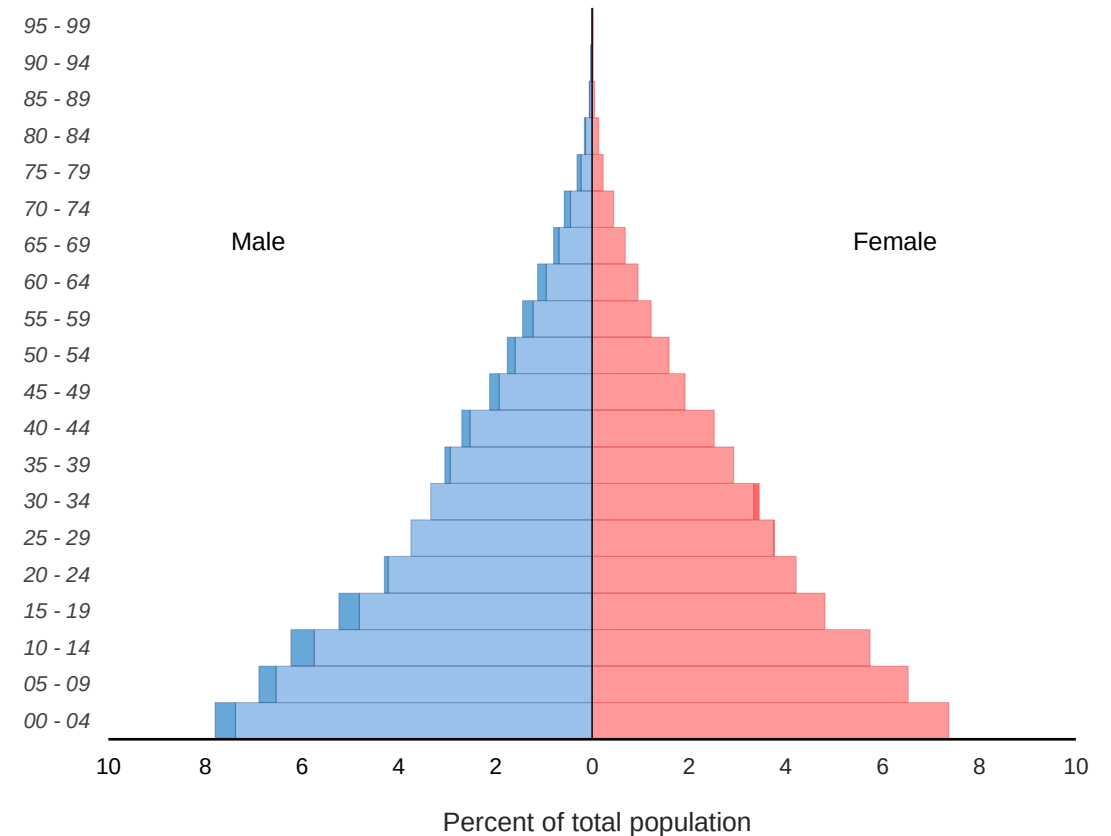
47.84%

47.21 %

Population Pyramid

- The most striking feature of the age-sex population distribution is that over **half of the population is under 20 years old.**
- Nearly 80% of the population is under 40, and only 20% is above 40 years old.
- This rapid growth of the youth population may further strains the already limited economic resources of the country.
- Planning, investment in education, skills development, and economic diversification are essential to address these challenges.

Age groups



Inter-Regional Migration

- **Dominant Flow:** Punjab to Sindh accounts for **50.2%** of Punjab's total migration.
 - *Karachi (Sindh)* is a key economic hub attracting migrants.
 - *Another significant migration flow is from Punjab to ICT, representing about **41.2%** of Punjab's migration.*
- **Major Out-migration from KP:**
 - **44.9%** of Khyber Pakhtunkhwa's total migration goes to Punjab.
 - Significant flows also to Sindh (**34.1%**) and Islamabad (**19.8%**).

Data Source: 7th Population and Housing Census-2023, The Digital Census

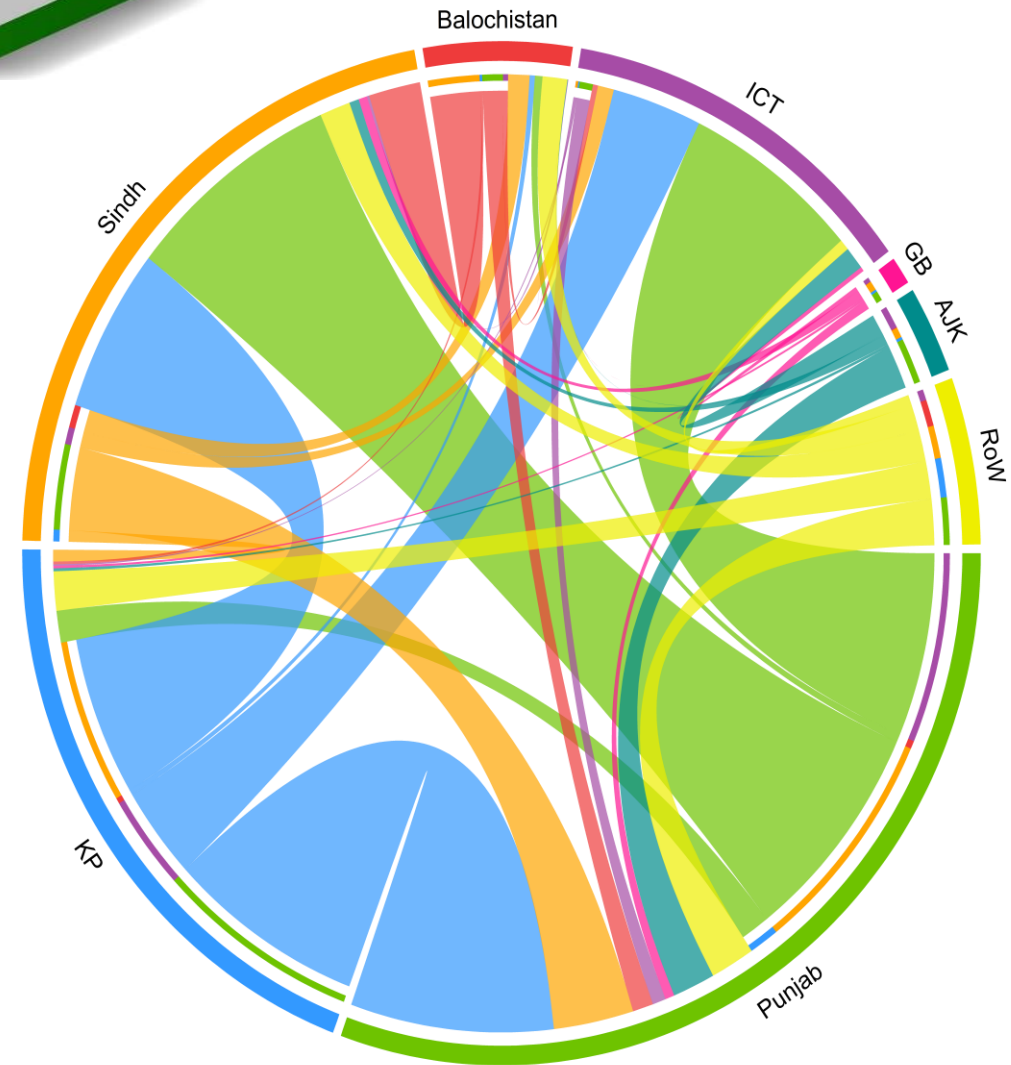
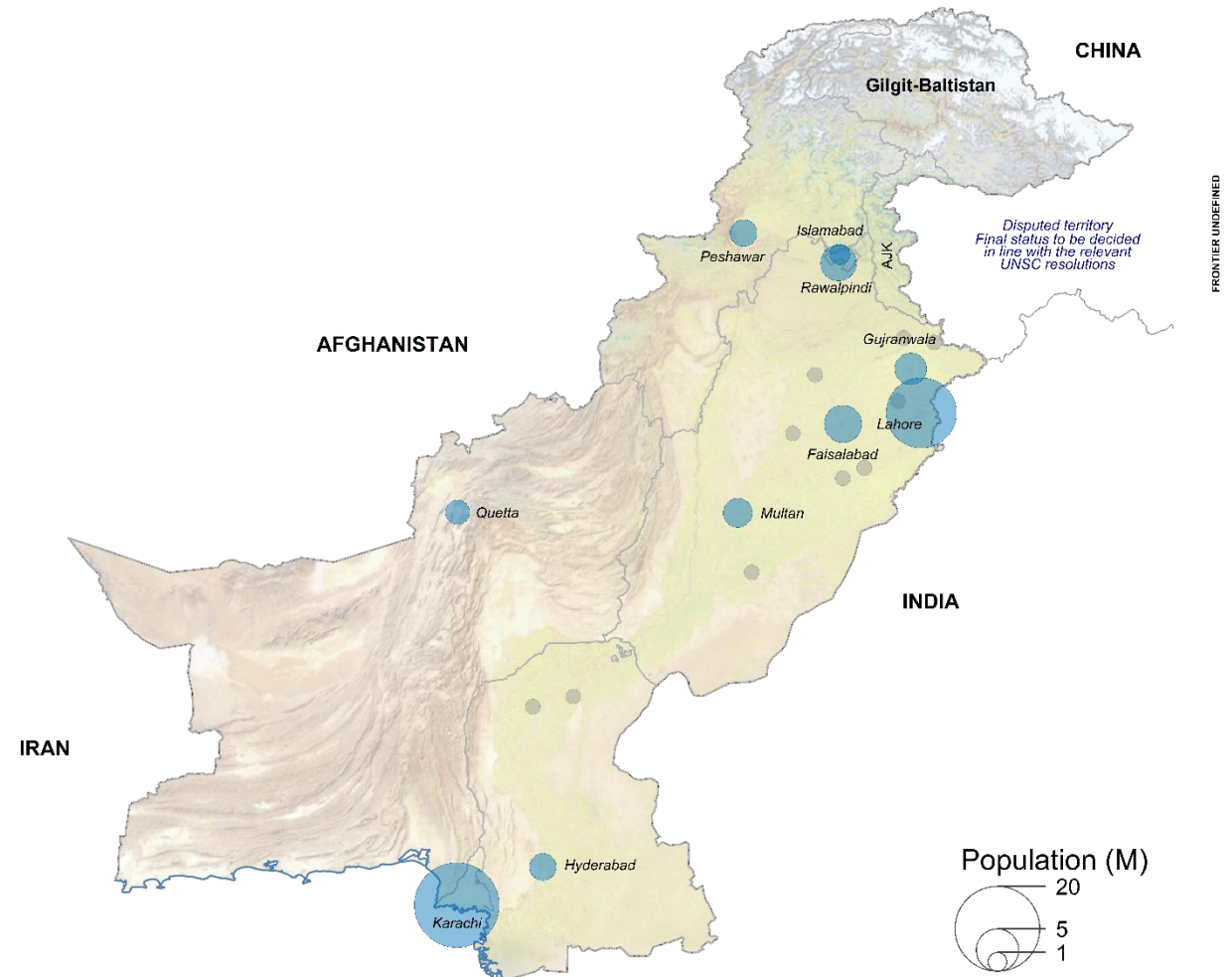


Fig shows **Inter-regional migration trends** observed in the 7th Population and Housing Census-2023, with **ribbons colored based on the origin** (outmigration region).

Leading Cities by Population Size

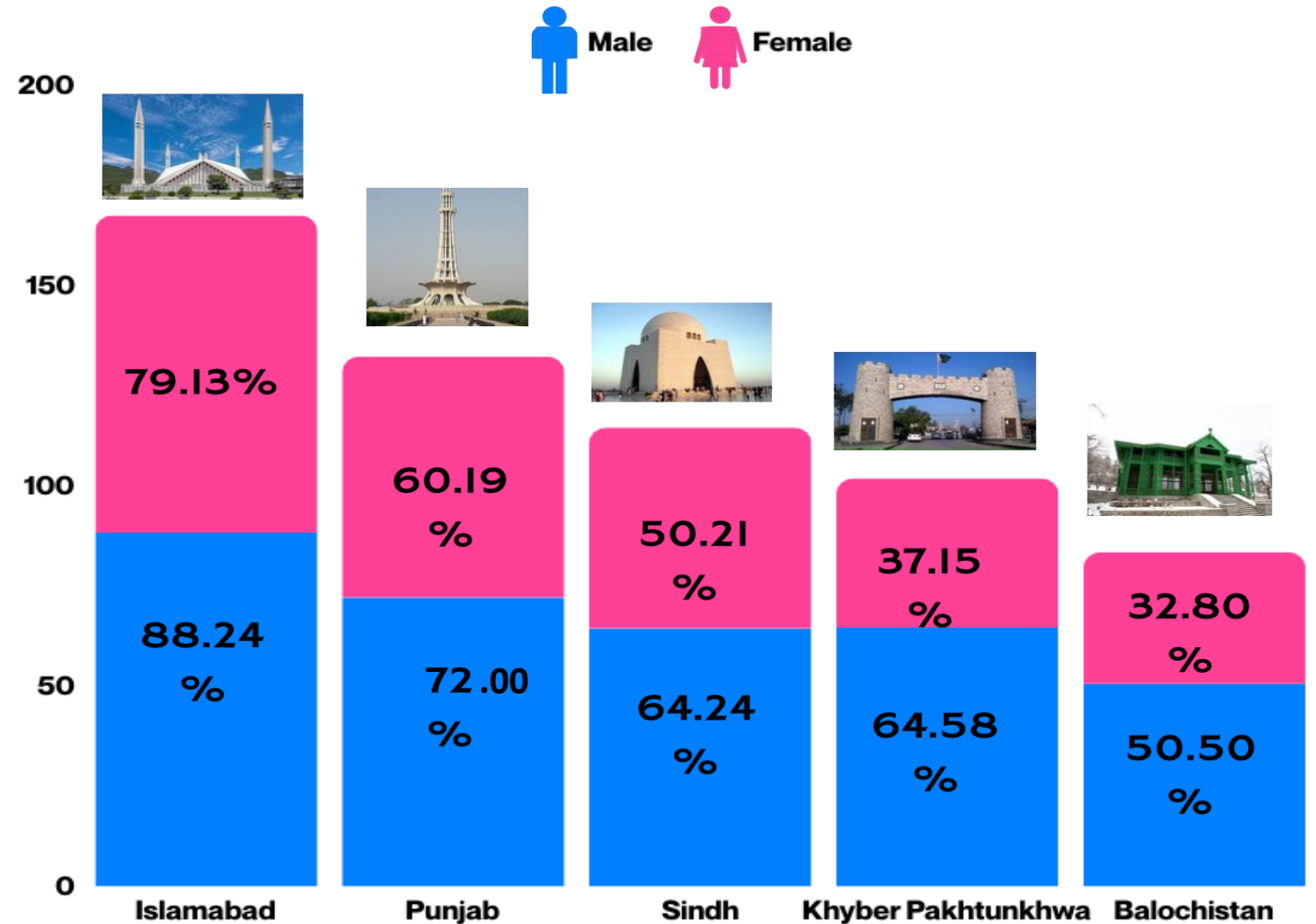
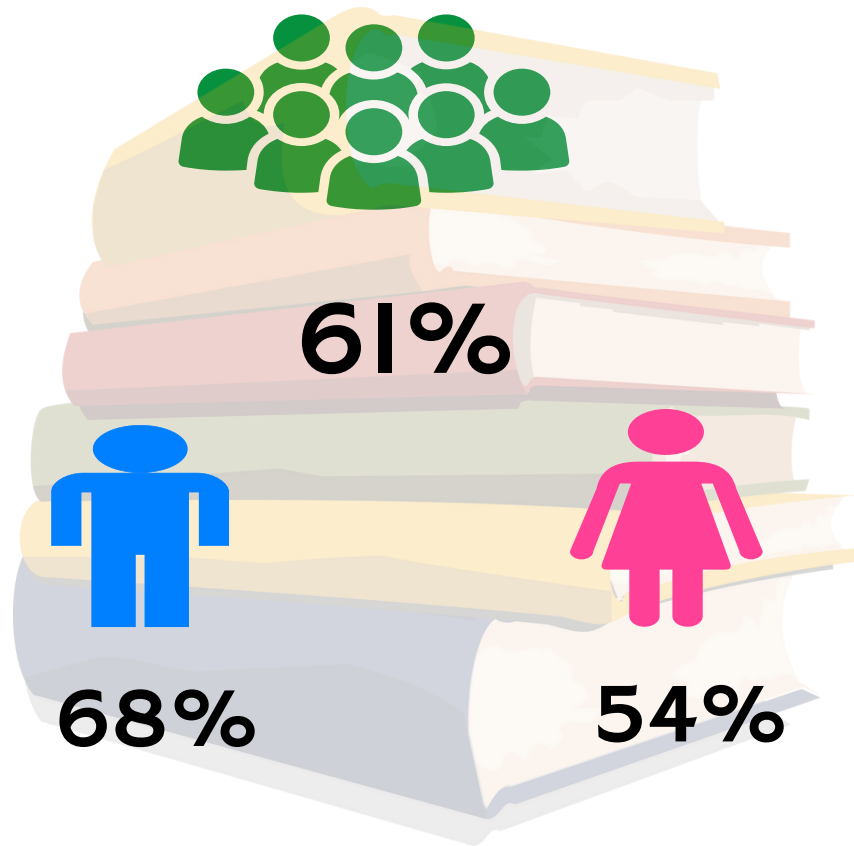
- In the Digital Census , the top 20 most populated cities account for nearly **24% of the country's total population** and over 60% of its urban population.
- Among these, ten cities have population exceeding one million.
- These 10 cities account for over **20% of Pakistan's total population** and 54% of its urban population.
- The two mega urban centers, **Karachi and Lahore**, comprise nearly 34% of Pakistan's total urban population.
- Population of Karachi and Lahore is estimated at **18.87 million and 13 million**, respectively.

Top 20 Most Populated Urban Centers in Pakistan



Literacy (10 Years & above)

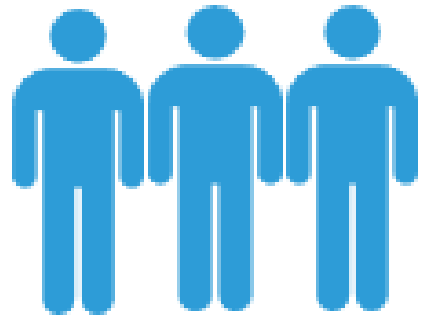
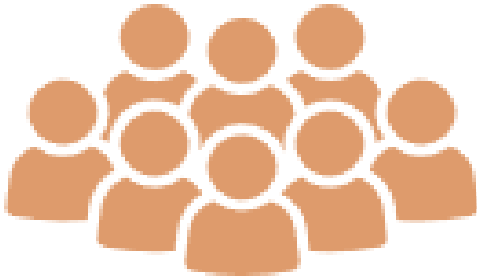
Overall Literacy



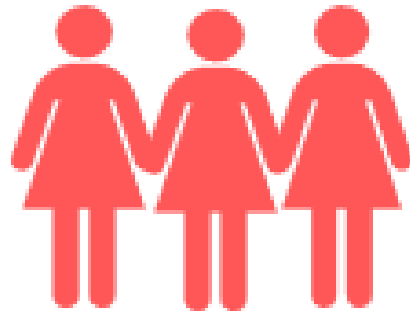
DISABILITY

DISABLED
POPULATION

3.1%

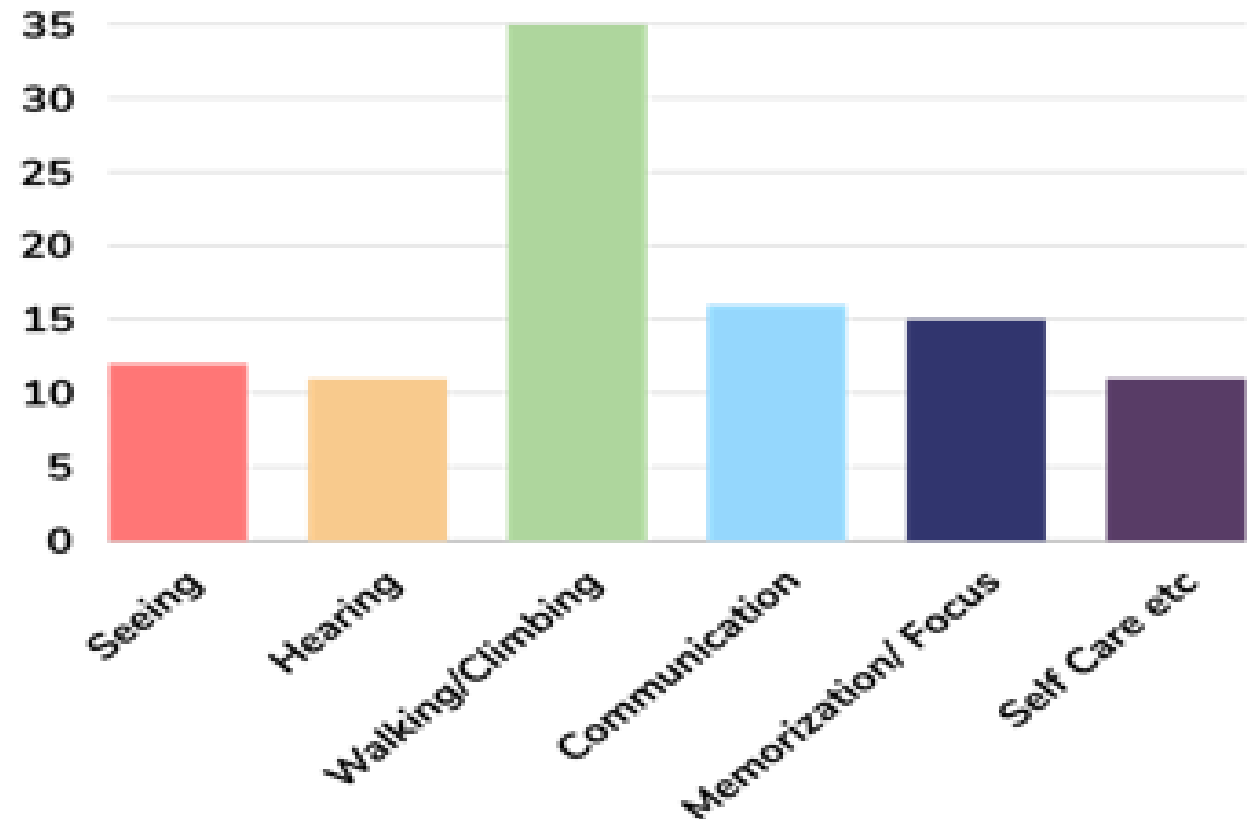


3.3%



2.9%

TYPE OF Limitation



STRUCTURE TYPE

Total Structures / Buildings: 38,318,646



**Residential
Structure
30,434,982**



**Residential + Economic
Structure
1,160,340**



**Economic
Structure
5,151,081**



**Multi-Story
Residential Structure
73,501**



**Multi-Story Structure
(Residential + Economic)
33,065**



**Multi-Story
Economic Structure
7,593**



**Under-Construction
Structure
927,160**



**Hut/Tent/Cave/Boat
Temporary Structures
530,924**

* Multistory greater than 3 floors



Major Requirements for Digital Census

- **16 Census Software Modules** developed (3 data collection modules, 13 administrative modules).
- **Role based Dash boards** developed for real time monitoring, Data Visualization and trend analysis.
- **Offline data collection feature** in system Design.
- Geo tagging for **complete** coverage and **monitoring**.
- **Complaint Management system** through Call centers.
- Centralized Communication System for problem resolution and **instant communication**
- Centralized tablet Management through **MDM**