



Professional Development | An tSeirbhís um Fhorbairt  
Service for Teachers | Ghairmiúil do Mhúinteoirí



An Roinn Oideachais  
agus Scileanna  
Department of  
Education and Skills

# PATTERNS AND PROCESSES IN THE HUMAN ENVIRONMENT. ELECTIVE UNIT 5

## THE DYNAMICS OF POPULATION

# EXAMINING POPULATION

DISTRIBUTION

DENSITY GROWTH PATTERNS

STRUCTURE OF POPULATION

NATIONAL / INTERNATIONAL SETTINGS

# CHARACTERISTICS / DEMOGRAPHY

HISTORY/ANTHROPOLOGY  
ECONOMICS  
STATISTICS  
ECOLOGY/BIOLOGY  
AGRICULTURE  
POLITICS/MORALS

# SKILLS

MAP INTERPRETATION  
FIGURE INTERPRETATION  
STATISTICAL ANALYSIS  
PHOTOGRAPHS  
ICT

# ACCESS TO DATA

[WWW.CSO.IE](http://WWW.CSO.IE)

[US.CENSUS BUREAU](http://US.CENSUS.BUREAU)

# WHY COUNT/ WHY CENSUS ?

- **TAX,**
- **STATE WELFARE,**
- **PLANNING FOR EDUCATION,**
- **HEALTH,**
- **ROADS,**
- **PUBLIC UTILITIES,**
- **DETERMINING IMMIGRATION/EMIGRATION  
POLICES,**
- **FORCASTING FUTURE TRENDS**

# DIFFICULTIES IN DEVELOPING COUNTRIES

- INCOMPLETE MAPPING
- LACK OF RESOURCES
- NOMADIC PEOPLES
- WAR
- CULTURE {MALES INTERVIEWING FEMALES}
- NO BIRTH CERTS.

# WHY A POPULATION INCREASE?

**DECLINE IN MORTALITY RATES**  
**RESISTANCE TO DISEASE**  
**DIET AND NUTRITION**  
**COMMUNICATIONS**  
**ECONOMIC GROWTH**  
**SANITATION**  
**MEDICAL ADVANCES**



# 5.2 Population characteristics have an impact on levels of human development

## Overpopulation ?

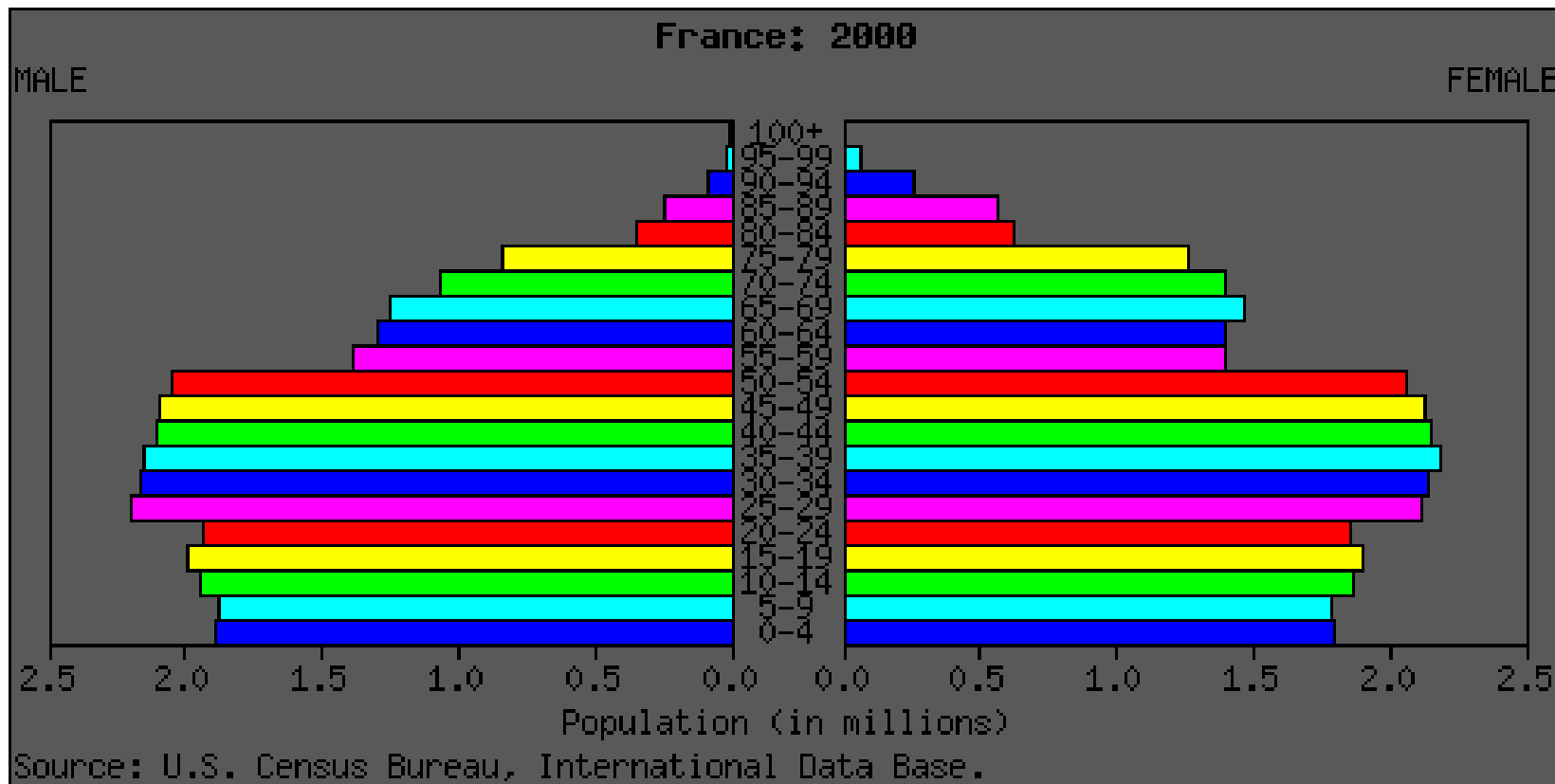
**TOO MANY PEOPLE IN THAT AREA FOR THE RESOURCES TO MAINTAIN AN ADEQUATE STANDARD OF LIVING.”**

**{NETHERLANDS V ZAMBIA}**

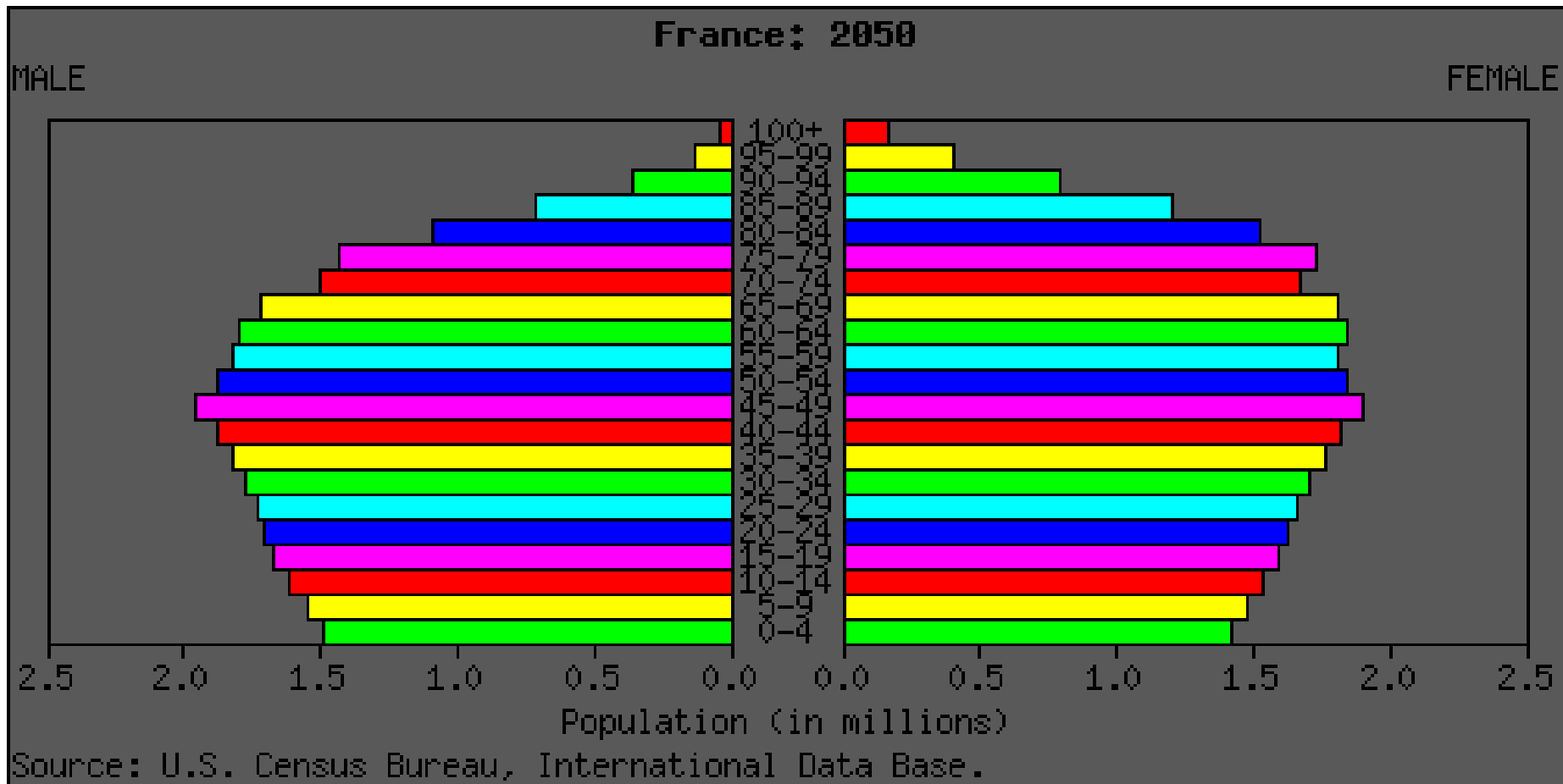
## CONSEQUENCES?

- ❖ UNEMPLOYMENT,
- ❖ MALNUTRITION,
- ❖ POLLUTION,
- ❖ HOUSING SHORTAGES,
- ❖ LOW LIVING STANDARDS,
- ❖ WAR AND RACISM,
- ❖ WATER SHORTAGES.

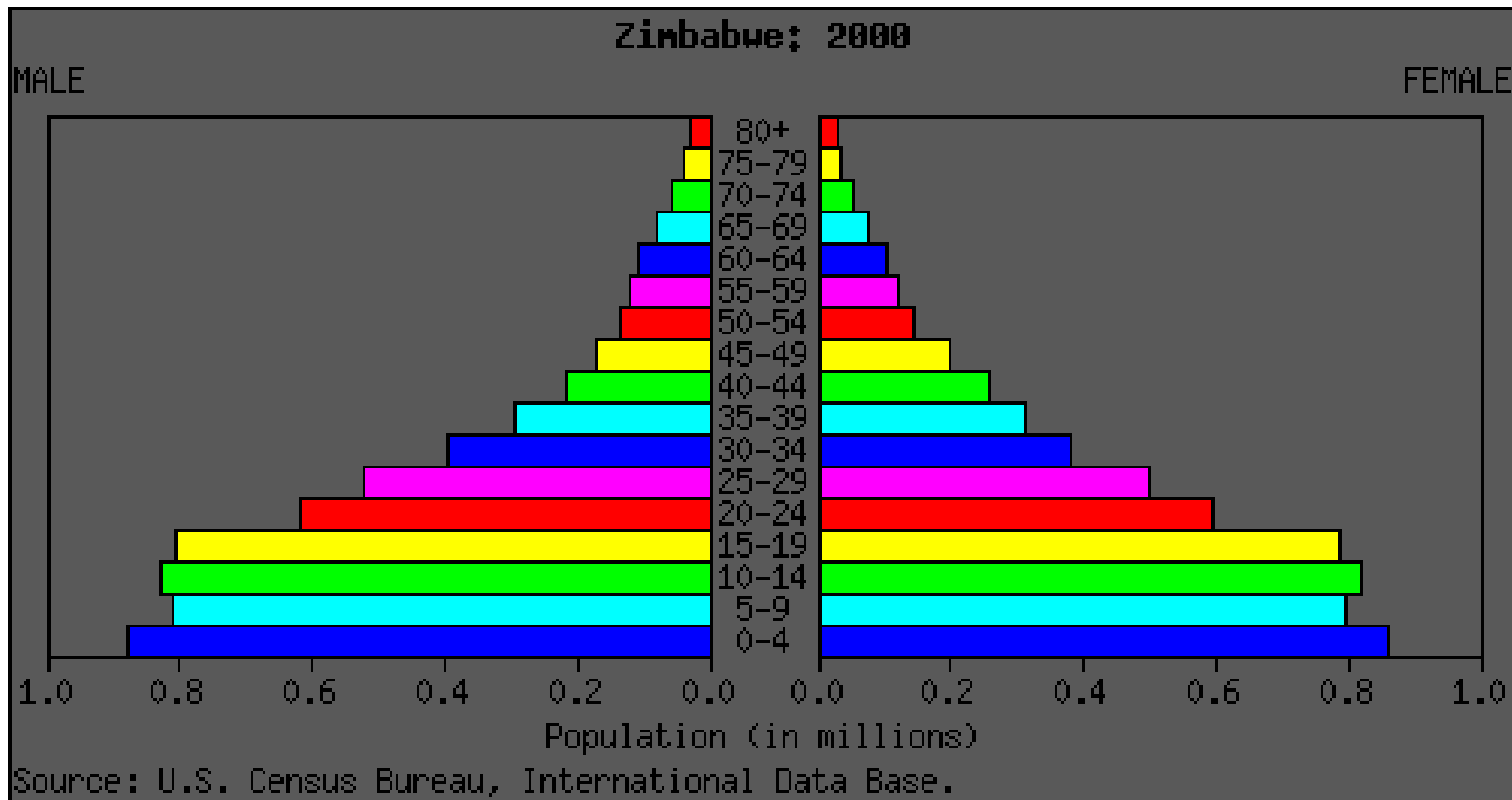
# FRANCE 2000



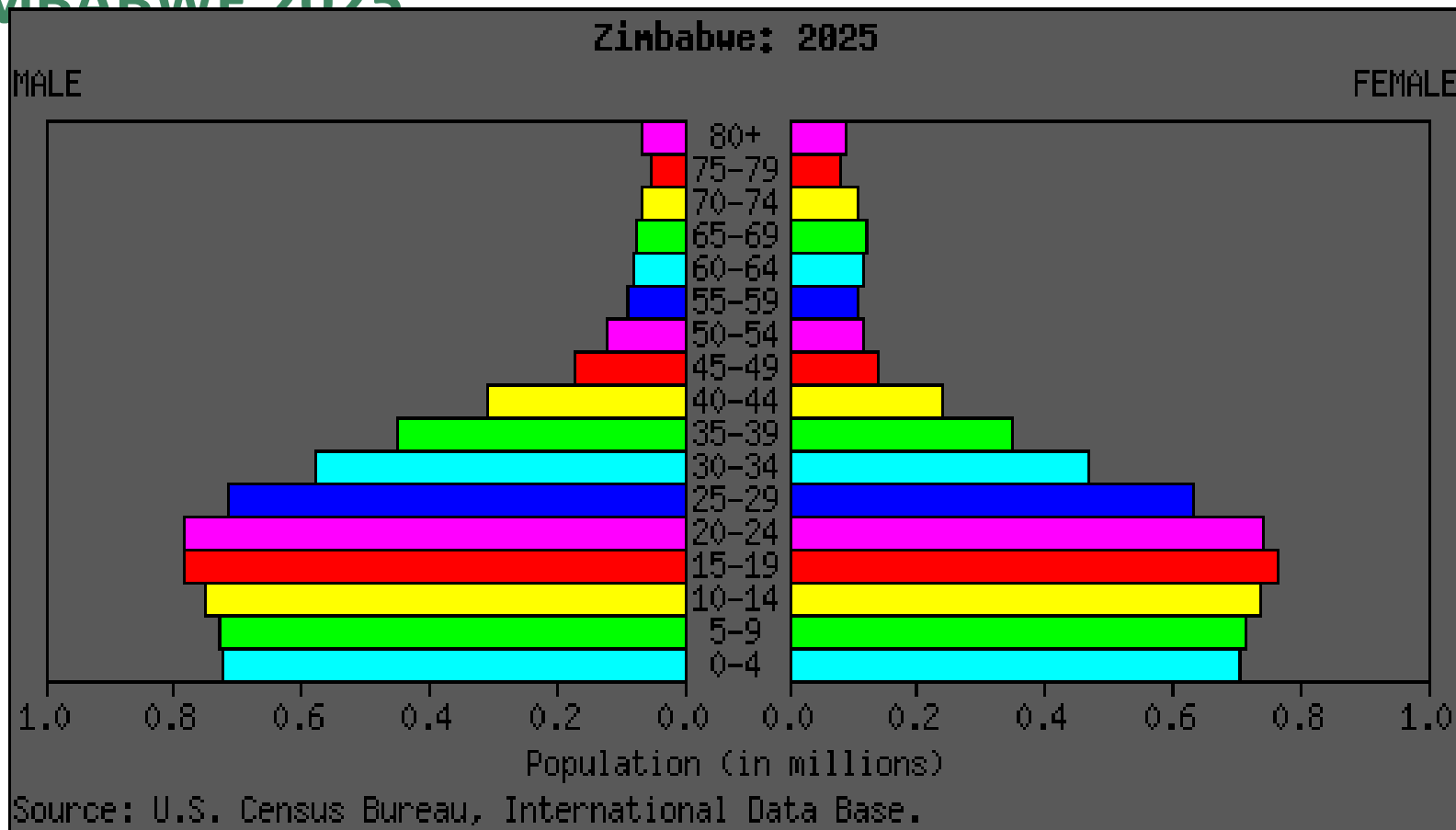
# FRANCE 2050



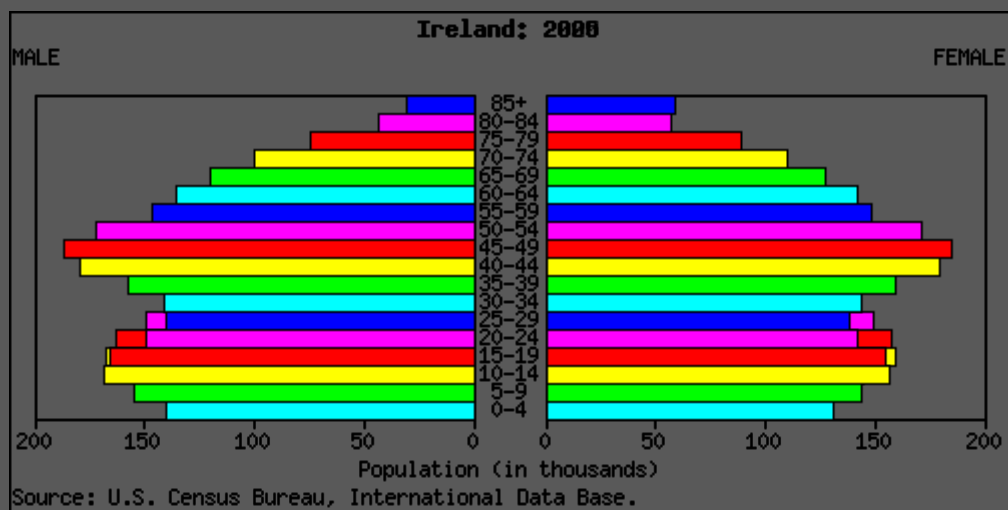
# ZIMBABWE 2000



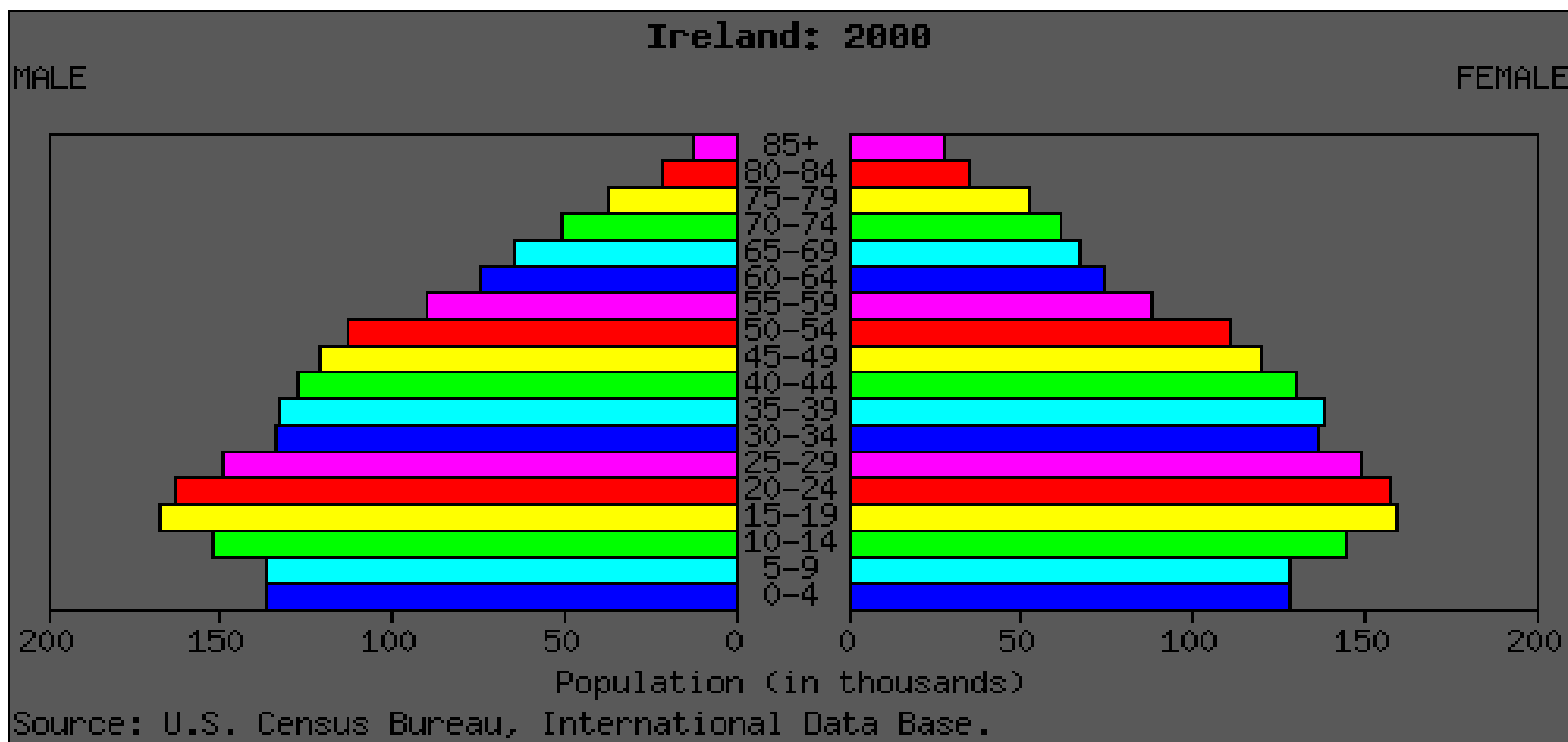
# ZIMBABWE 2025



# IRELAND 2005



# IRELAND 2000

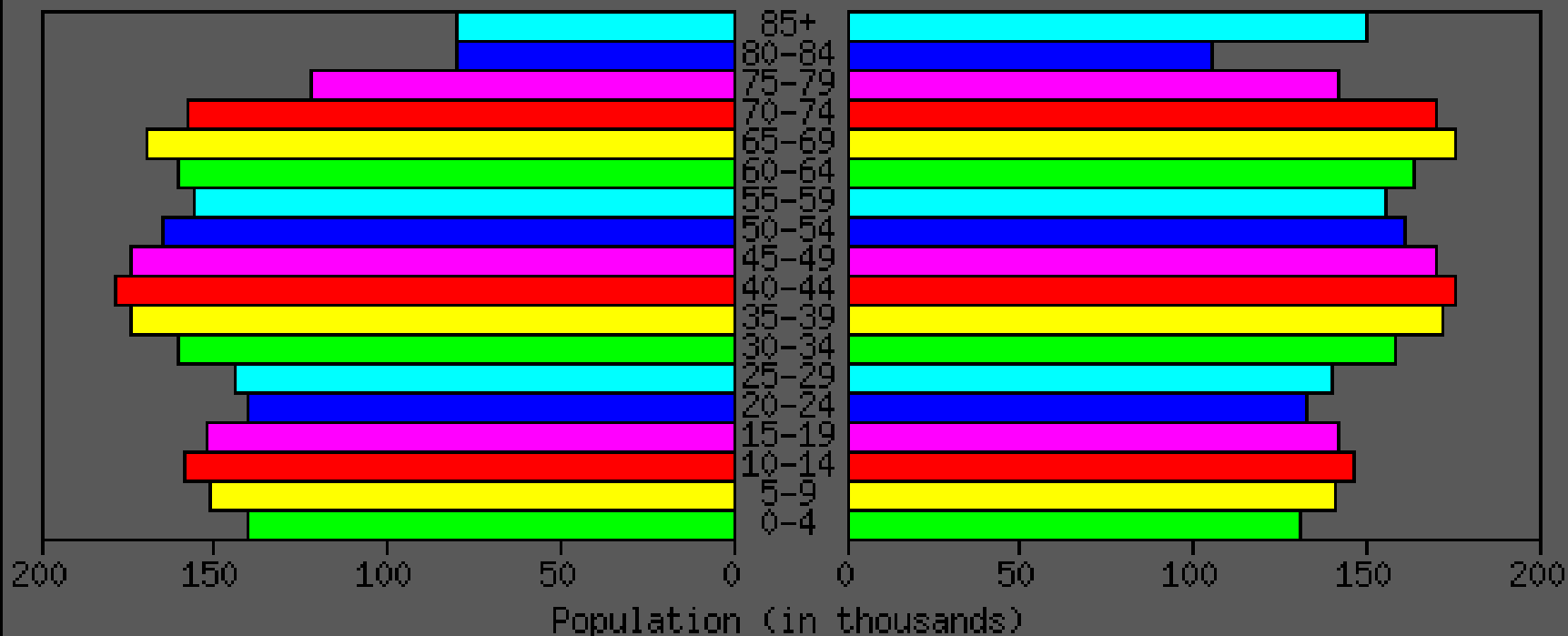


# IRELAND 2050

Ireland: 2050

MALE

FEMALE



Source: U.S. Census Bureau, International Data Base.



# INTERNATIONAL EXAMPLES

MEZZOGIORNO MIGRATION TO NORTH ITALY{1.1 MILLION 1983-1993.}

MASSIF CENTRAL----- PARIS.

POST APARTHEID SOUTH AFRICA

U.S.A

MEGACITIES

EASTER ISLAND

# INTERNATIONAL TRENDS

**1975 - MEAN GLOBAL AGE WAS 22.**

**2050 - PREDICTED MEAN GLOBAL AGE 38.  
(OLDEST AGE GROUPS EUROPE,SOUTH KOREA,JAPAN.)**

**1900 - EUROPE'S POPULATION WAS THREE TIMES  
AFRICA'S**

**2050 - IT WILL BE THE OPPOSITE.**