

DEMOGRAPHY	POPULATION THEORIES	POPULATION EXPLOSION	POPULATION FUTURES	THE BIRTH DEATH
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

## What is Demography?

What do governments and businesses use demographics for?

5100 - DEMOGRAPHY

## The study of human populations.

Government and business use demographics to predict

- Schools
- Housing
- Labour



## How have Old Core and New Core Countries responded to the population explosion?

- People
- Governments
- Ecologies
- Economies
- Agriculture

5200 - DEMOGRAPHY

## Old Core countries enjoyed relative wealth.

Many New Core countries live in abject poverty.



## What is the relationship between technology and population?

- Hunting & Gathering
- Agricultural Revolution
- Industrial Revolution

5300 - DEMOGRAPHY

Explanation of how these three stages of human development affected earth's population (not to mention its carrying capacity).



What will happen – tax wise – to your generation if the current population growth rate continues to decline?

0400 - DEMOGRAPHY

Your generation will have to pay more tax to support:

- Healthcare
- Pensions
- Retirement homes



Approximately 90% of the human population occupies how much of the Earth's land area?

0500 - DEMOGRAPHY

20%



The Cornucopians have an optimistic view of population growth and earth's carrying capacity. What is it?

0100 - POPULATION THEORIES

They have faith in the human ability to find technological innovations that will increase earth's carrying capacity.



What is Bogue's Theory of Demographic Regulation?

§200 – POPULATION THEORIES

Over time, a society naturally limits its own population.

Countries grow and shrink growing populations in response to population trends in other countries.



What was the pessimistic view of population growth posed by Thomas Malthus?

§300 – POPULATION THEORIES

Food production cannot increase as rapidly as population is.

The result will be famine, disease, and warfare.



What was the pessimistic population growth theory posed by William Catton?

§400 – POPULATION THEORIES

Earth is already exceeding its carrying capacity, using up all of its non-renewable resources.

Soon, our systems – both economic and ecological – will collapse.



Why can't we accurately predict population growth?

How, then, do we plan for food supply, healthcare, education, and environmental management?

9500 – POPULATION THEORIES

We can't project population growth because:



What is the 'demographic trap' experienced by Near Core and Far Periphery countries?

9100 – POPULATION EXPLOSION

Large populations place great demands for increased food supplies, medical supplies, education, infrastructure, etc

This makes a Malthus-like collapse reality as populations would exceed carrying capacities.



Above all else, **WHAT ONE THING** is the necessity to sustain a population?

9200 – POPULATION EXPLOSION

# FOOD

As populations increase, the per-capita (per person) amount of cropland diminishes.



What is the 'demographic trap' related to education?

5300 – POPULATION EXPLOSION

Countries with exploding populations have difficulty educating their citizens.

Canada has 6 million children under 15.

India has 360 million under 15!



What is the 'demographic trap' related to employment?

5400 – POPULATION EXPLOSION

Too many people and not enough jobs

Canada's labor force: 18 million  
India's: 516 million



Describe what is meant by the term 'population control'.

Specifically, when it is driven by the country's government.

5500 – POPULATION EXPLOSION

The attempt by a government to impose reductions in fertility rates.

China & India account for nearly 40% of earth's population.



Discuss some of the population control methods used in India.

§100 – POPULATION FUTURES

Female Sterilization  
Contraception  
Infanticide  
Abortion

Government made ultrasound gender identification illegal.

'Save a Child' campaign

Too many males; not enough females



Discuss some of the population control methods used in China.

§200 – POPULATION FUTURES

One Child Policy  
Many more males than females  
3.5 million females killed

Soon a shortage of Chinese women

Kidnapping and Trafficking

Drafting Bachelors



What are the benefits and drawbacks to the 'birth dearth' faced by many Old Core countries?

§300 – POPULATION FUTURES

Good:

Bad:



The birth dearth affects the family structure in what ways?

§400 – POPULATION FUTURES

Smaller families

- One-child policies
- Spoiled children
- Single children caring for elderly parents
- DINKS!



The birth dearth affects aging populations also. In what way?

§500 – POPULATION FUTURES

Pensions & Healthcare cost \$\$.

- Reduce pension benefits
- Extend mandatory retirement ages
- Increase pension premiums and taxes
- Pension eligibility tied to income



How will the birth dearth affect the labor force?

§100 – BIRTH DEARTH

Old Core countries have citizens who retire early, leaving an absence of skilled people in the workforce.

- Computer engineering
- Nursing
- Manual labor
- Skilled trades



How have countries responded to labor shortages created by the birth dearth?

5200 – BIRTH DEARTH

Migrant/guest workers  
Illegal workers  
Immigrant workers (creates some issues)



How could the birth dearth shift the balance of world power?

5300 – BIRTH DEARTH

UN Security Council is represented by countries based on population and world influence. With declining/exploding populations, the face of the UNSC could change.



The birth dearth isn't all bad. Explain why.

5400 – BIRTH DEARTH

In theory, fewer people will have less impact on:

- Less resource use
- Fewer waste products
- Fewer carbon emissions
  - Less solid waste
  - Less water pollution



Explain why many Old Core countries are experiencing this 'birth dearth'.

9500 – BIRTH DEARTH

## Women's Choices

- Education = Low fertility
- More working
- More working longer
- More control over self
- Marry later or not at all
- Divorce
- Access to birth control
- Freedom to make decisions about life

