POPULATION DYNAMICS AND THE DEMOGRAPHIC DIVIDEND IN ISRAEL

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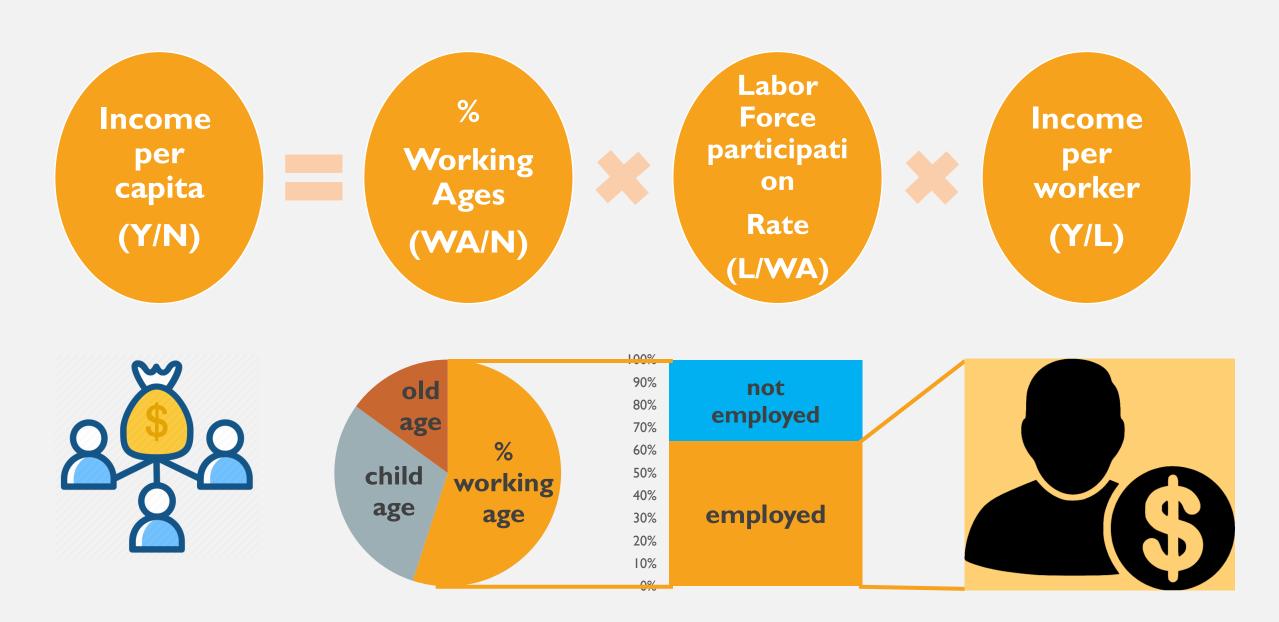
Barbara Okun

POPULATION STRUCTURE AND ECONOMIC GROWTH

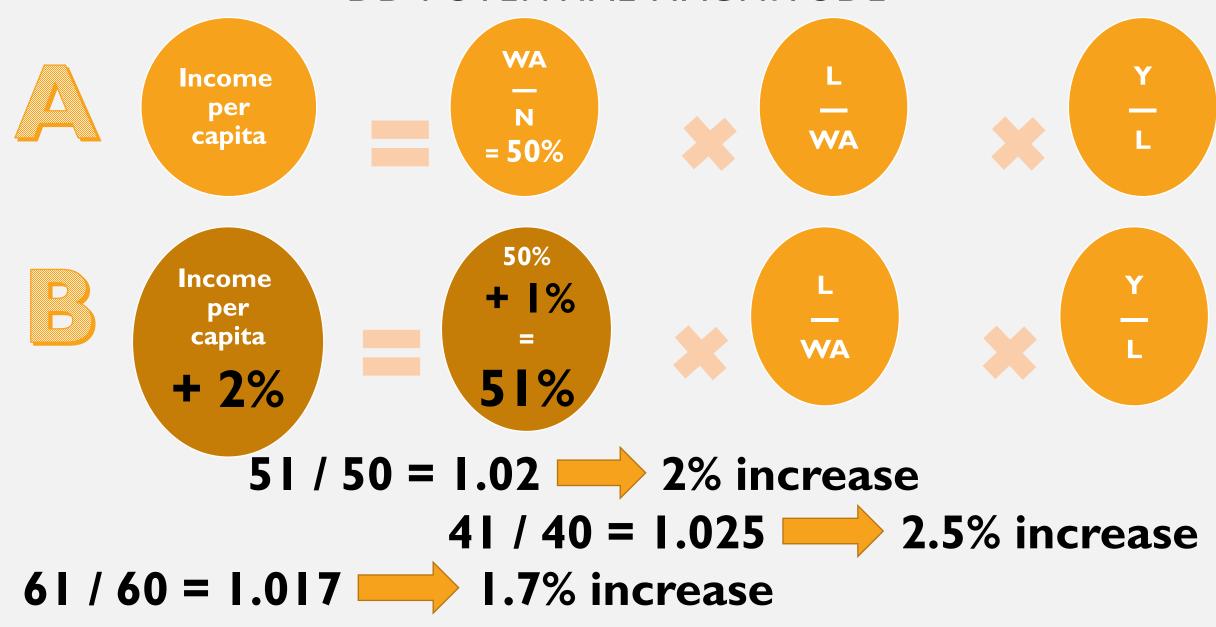
Demographic factors affect per capita income

- I. Population Size
- 2. Population Growth-rate
- 3. Population Age-structure

THE DEMOGRAPHIC DIVIDEND (DD) LOGIC

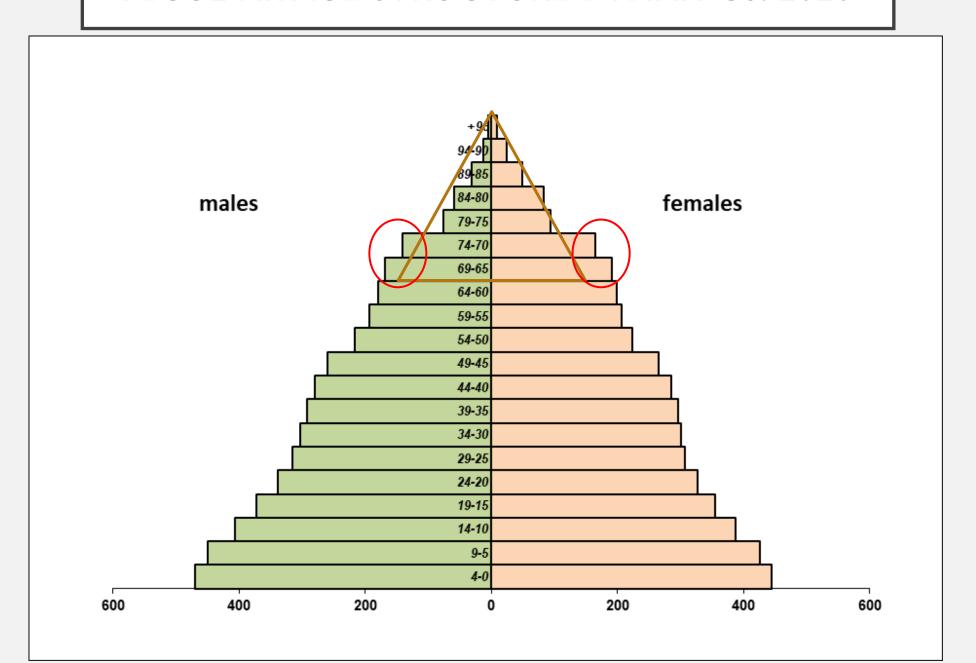


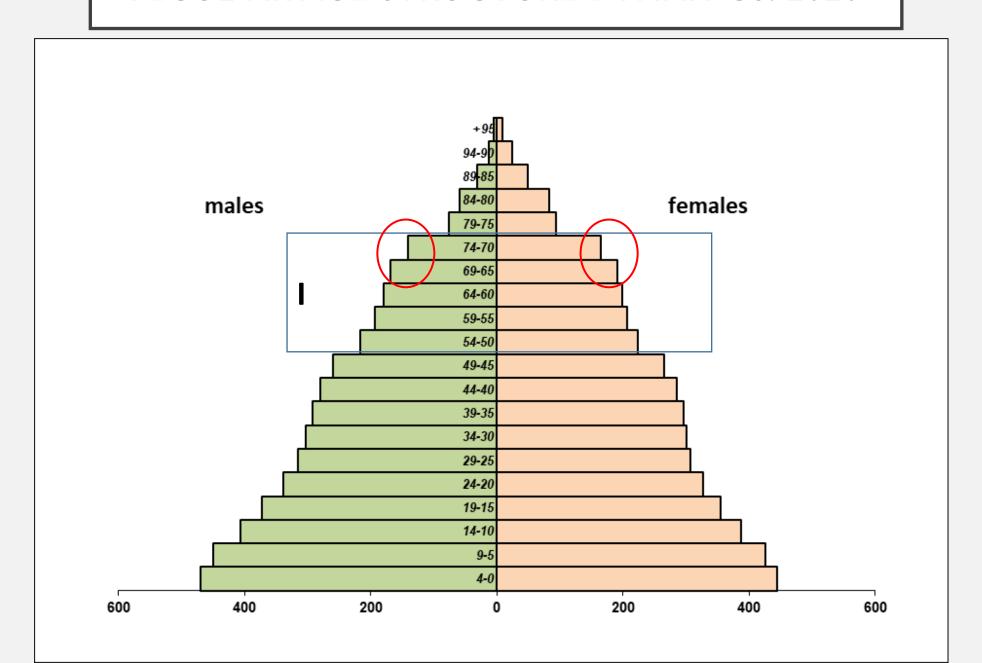
DD POTENTIAL MAGNITUDE

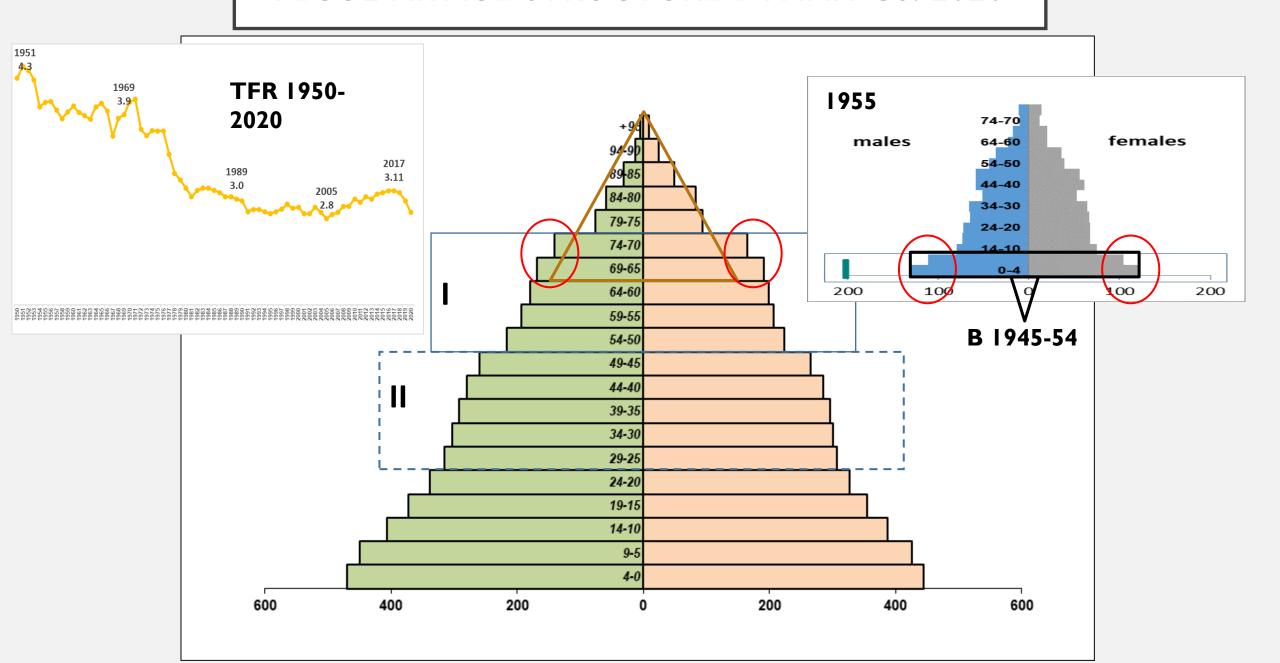


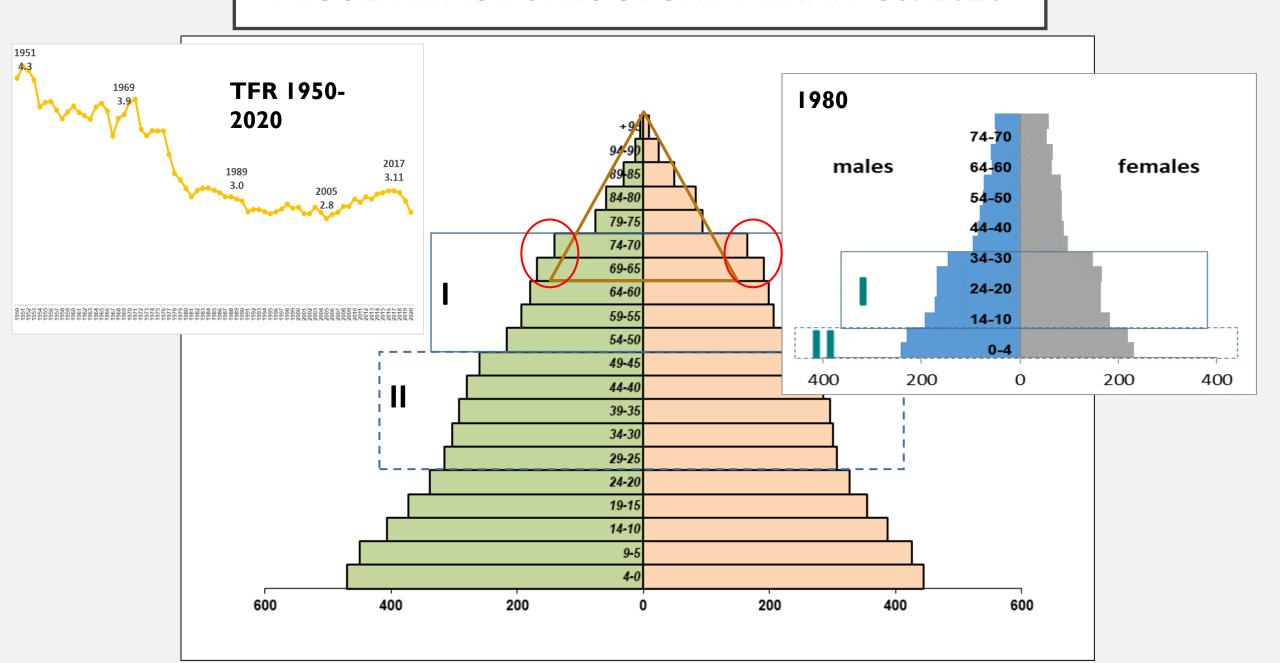
ISRAELI MAIN DEMOGRAPHIC CHARACTERISTICS

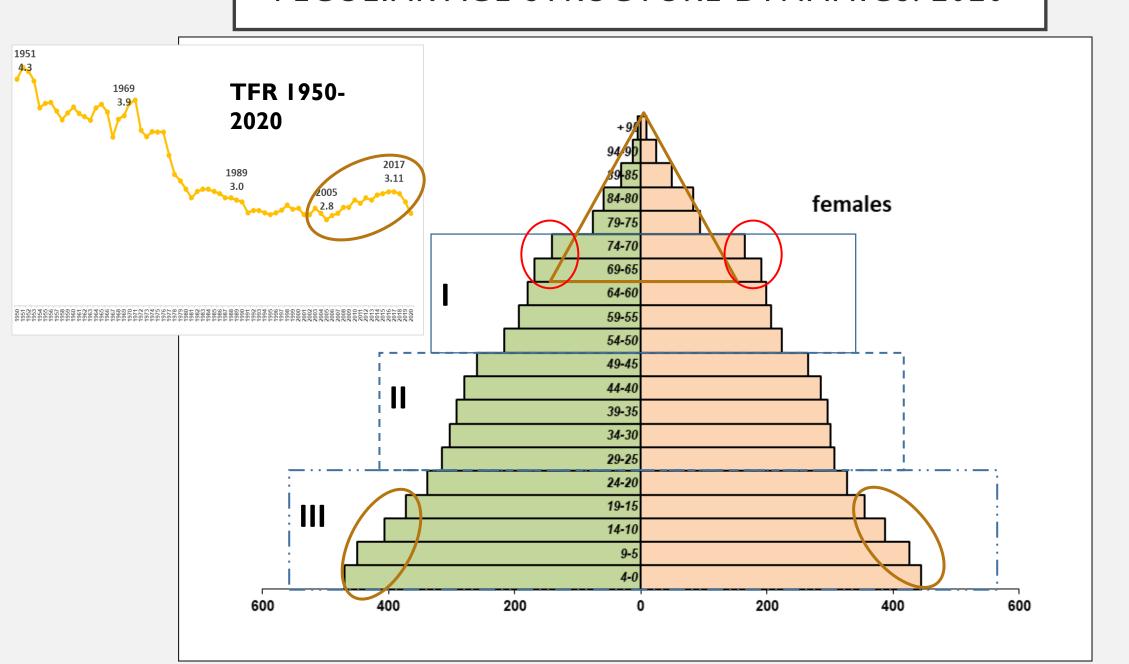
- Rapid population growth: 3.4% per year over 74 years
- Large waves of international migration
 - Mass Migration in the 1950's
 - One million former Soviet Union immigrants in the 1990's
- High natural increase, high fertility levels: over 4.0 in the 1950's, 3.0 today

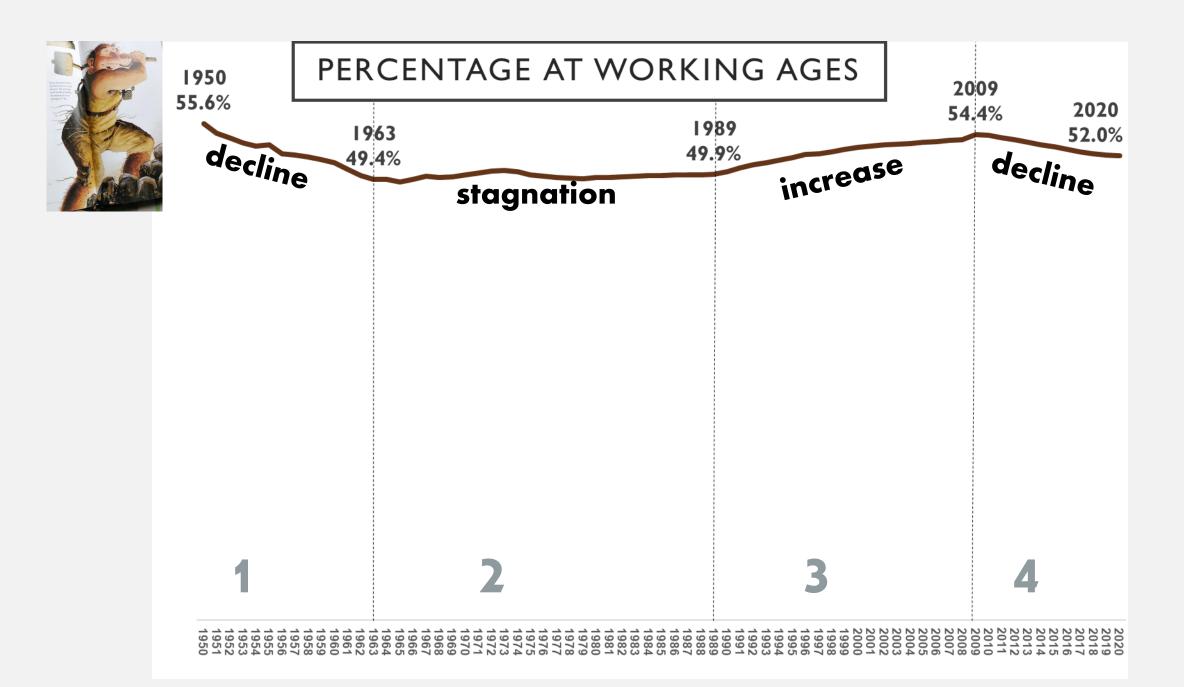


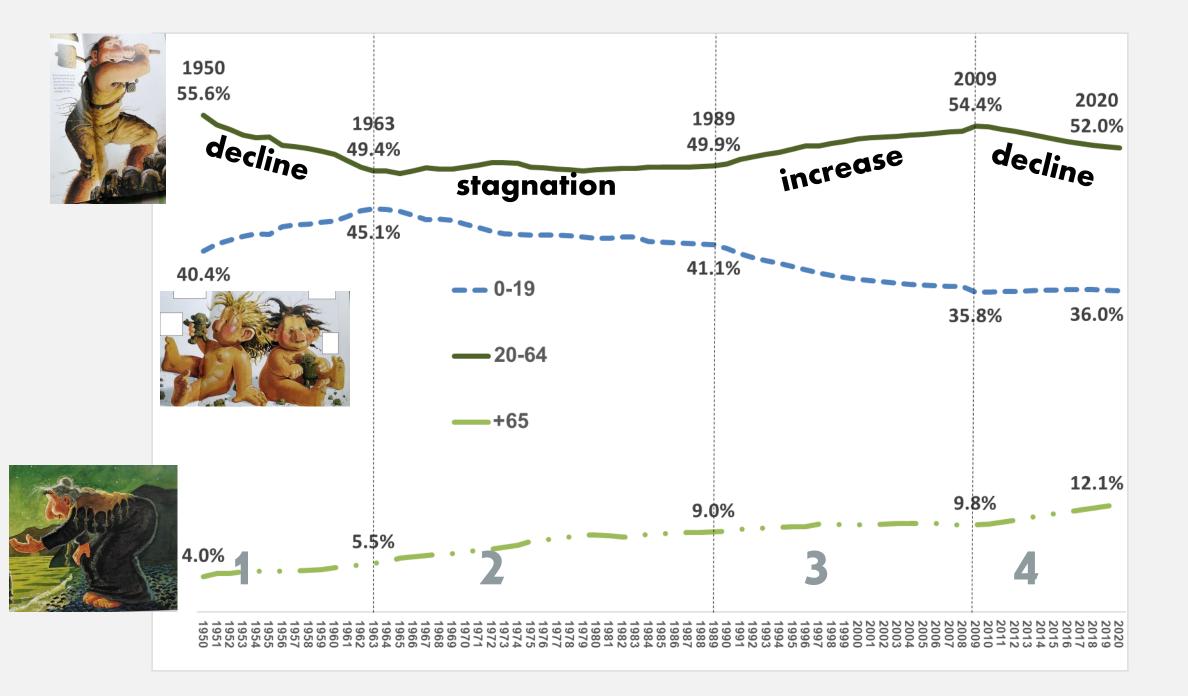


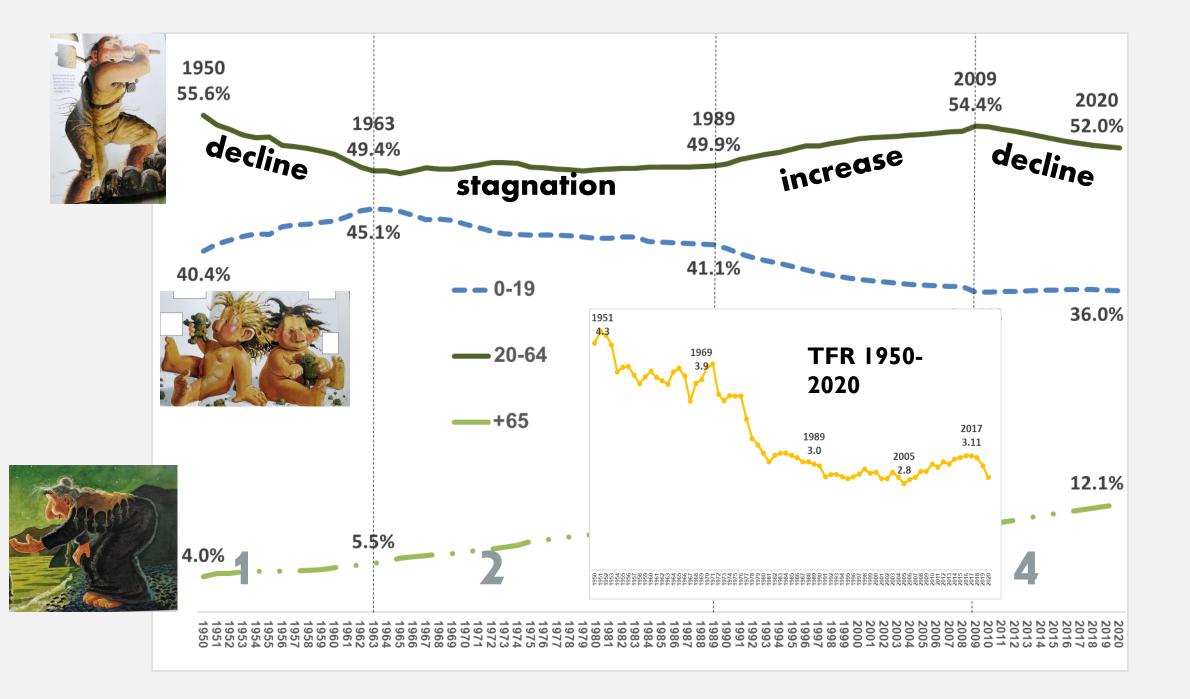










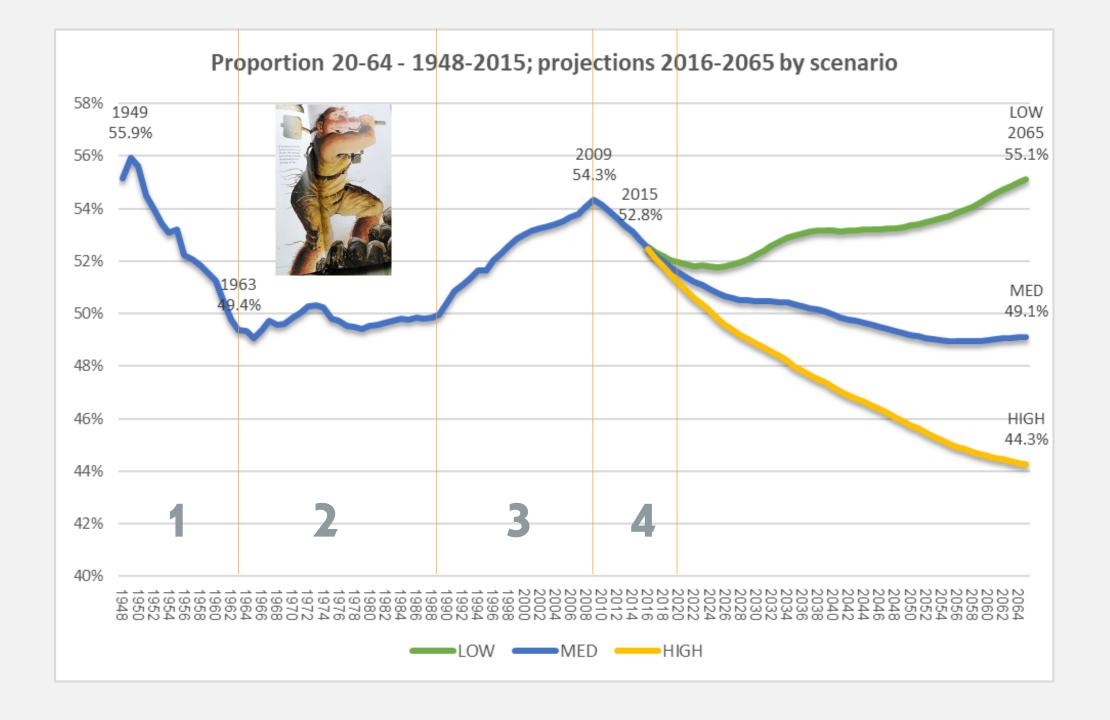


3 FUTURE SCENARIO'S BASED ON ICBS PROJECTIONS 2015-2065

- HIGH low mortality, <u>TFR increasing</u> from 3.3 to 4.5
- LOW higher mortality, TFR decreasing from 3.0 to 2.0
- MEDIUM medium mortality rates, <u>TFR stable</u> around 3.2

Same migration assumptions in al three scenarios.

Based on three subgroups: Ultra-Orthodox Jews, Non Ultra-Orthodox Jews, Arabs



% WORKING AGES - CONCLUSIONS

- Large differences between scenarios
- The difference between LOW and HIGH is of 5% in 2032, and 11% in 2065, that may translate into a difference of 10% and 22% in GDP p. c. respectively
- Only LOW scenario keeps % at working ages at current levels

DEMOGRAPHIC CHALLENGES, FERTILITY DECLINE AND DD

- Fertility decline played a critical role increasing % at working ages
- This increase contributed to GDP p. c. increase via the DD mechanism
- Without fertility decline the proportion at working ages is expected to decline sharply
- The opportunity of actual high fertility
- Fertility decline is needed to face future challenges

THANK YOU FOR YOUR ATTENTION