


EL COLEGIO DE MÉXICO



AGEING IN LATIN AMERICA: HETEROGENEOUS TIMING AND ITS IMPLICATIONS

Expert Group Meeting on Measuring Population ageing: bridging research and policy
Population Division, DESA, IIASA, Chulalongkorn University, ESCAP

SILVIA ELENA GIORGULI SAUCEDO

Professor and President, El Colegio de México

BANGKOK, 25-26 FEBRUARY, 2019



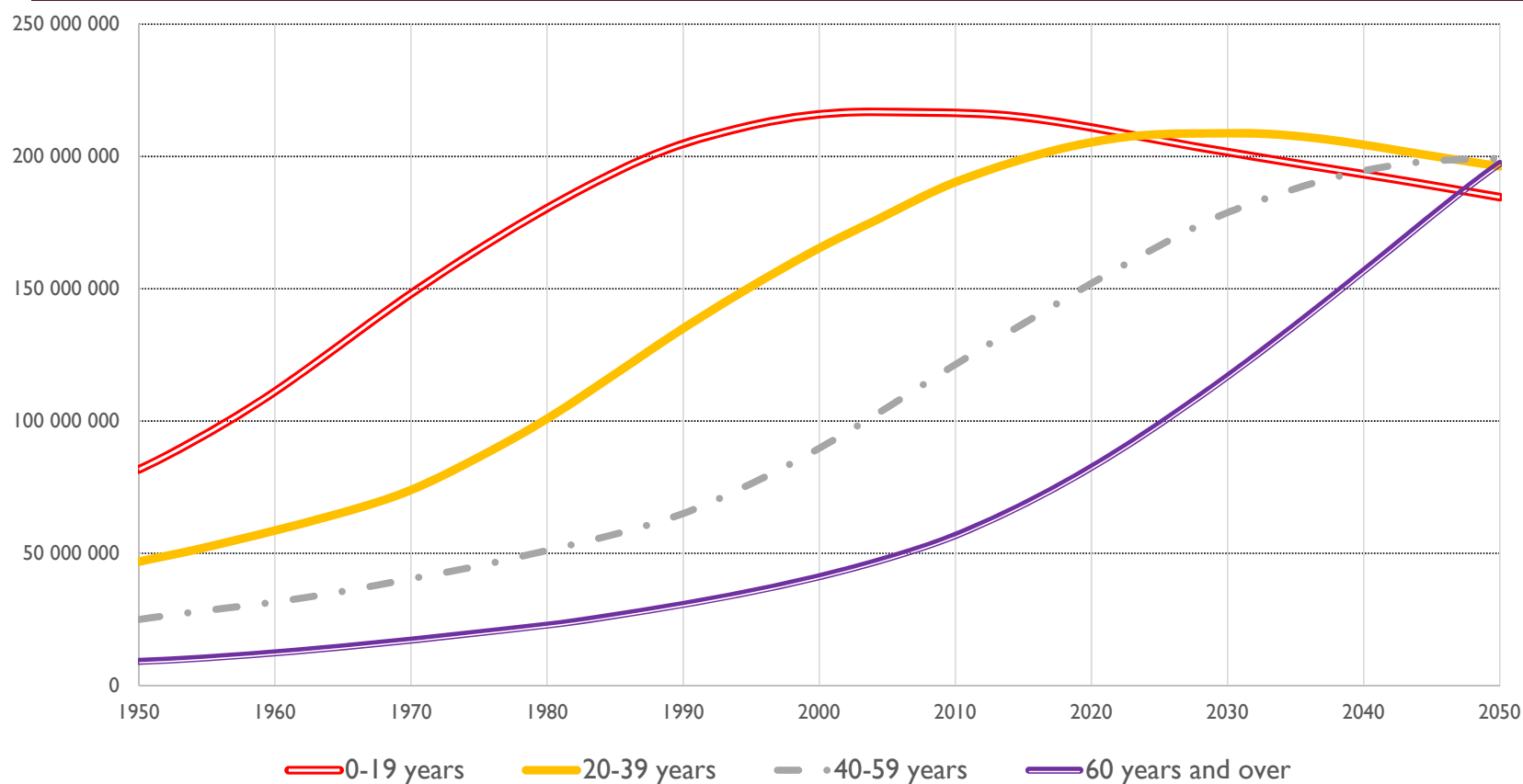
Heterogeneous timing in population change
but demographic convergence in Latin America
(the cases of Guatemala, Uruguay and Mexico)

Selected demographic indicators 1950-2050, Latin America, Guatemala, Mexico and Uruguay

	Latin America	Guatemala	Mexico	Uruguay
Total Fertility Rate				
1950-55	5.9			
2000-05	2.5			
2020-25	2.0			
2050-55	1.9			
Life expectancy				
1950-55	51.9			
2000-05	72.5			
2020-25	76.9			
2050-55	82.3			

Source: CELADE - Population Division of ECLAC. 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

Population in Latin America by age groups, 1950-2050



Source: CELADE - Population Division of ECLAC. 2017 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

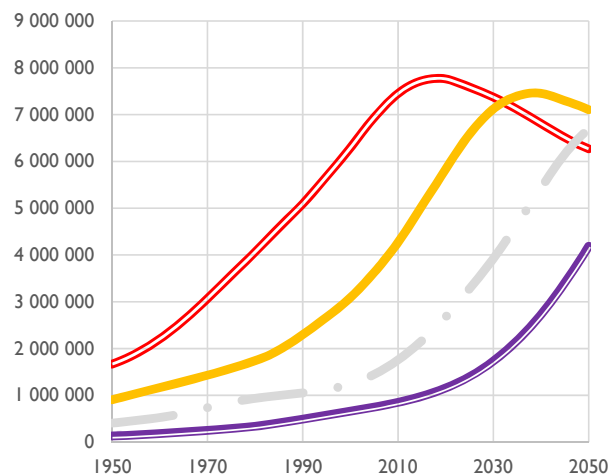
Selected demographic indicators 1950-2050, Latin America, Guatemala, Mexico and Uruguay

	Latin America	Guatemala	Mexico	Uruguay
Total Fertility Rate				
1950-55	5.9	7.2	6.8	2.7
2000-05	2.5	4.4	2.6	2.2
2020-25	2.0	2.3	2.2	1.9
2050-55	1.9	1.8	2.1	1.7
Life expectancy at birth				
1950-55	51.9	41.5	48.0	66.2
2000-05	72.5	67.9	74.4	74.8
2020-25	76.9	74.3	77.9	78.1
2050-55	82.3	80.5	83.0	82.8

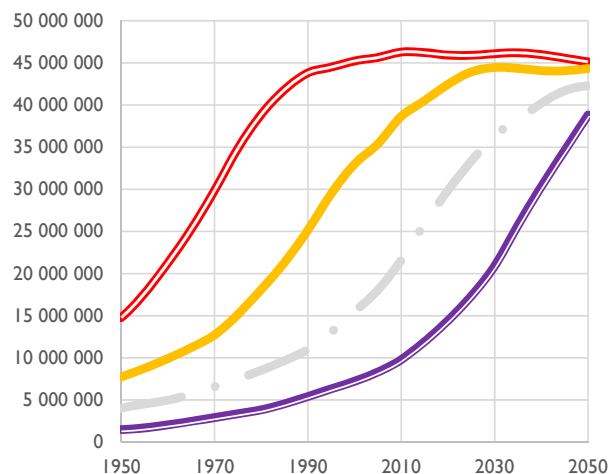
Source: CELADE - Population Division of ECLAC. 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

Population by age groups in Guatemala, Mexico and Uruguay, 1950-2050

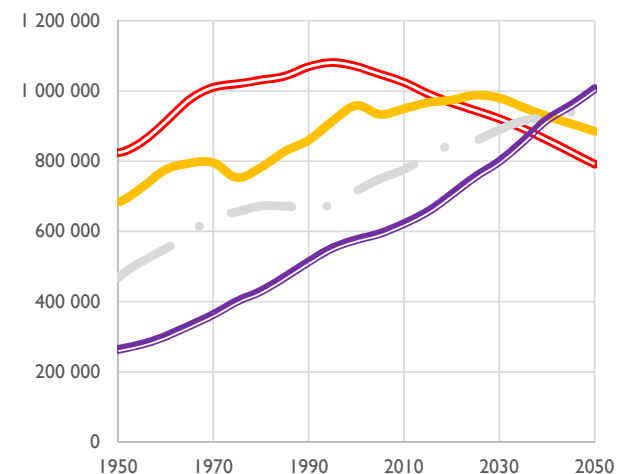
Guatemala



Mexico



Uruguay



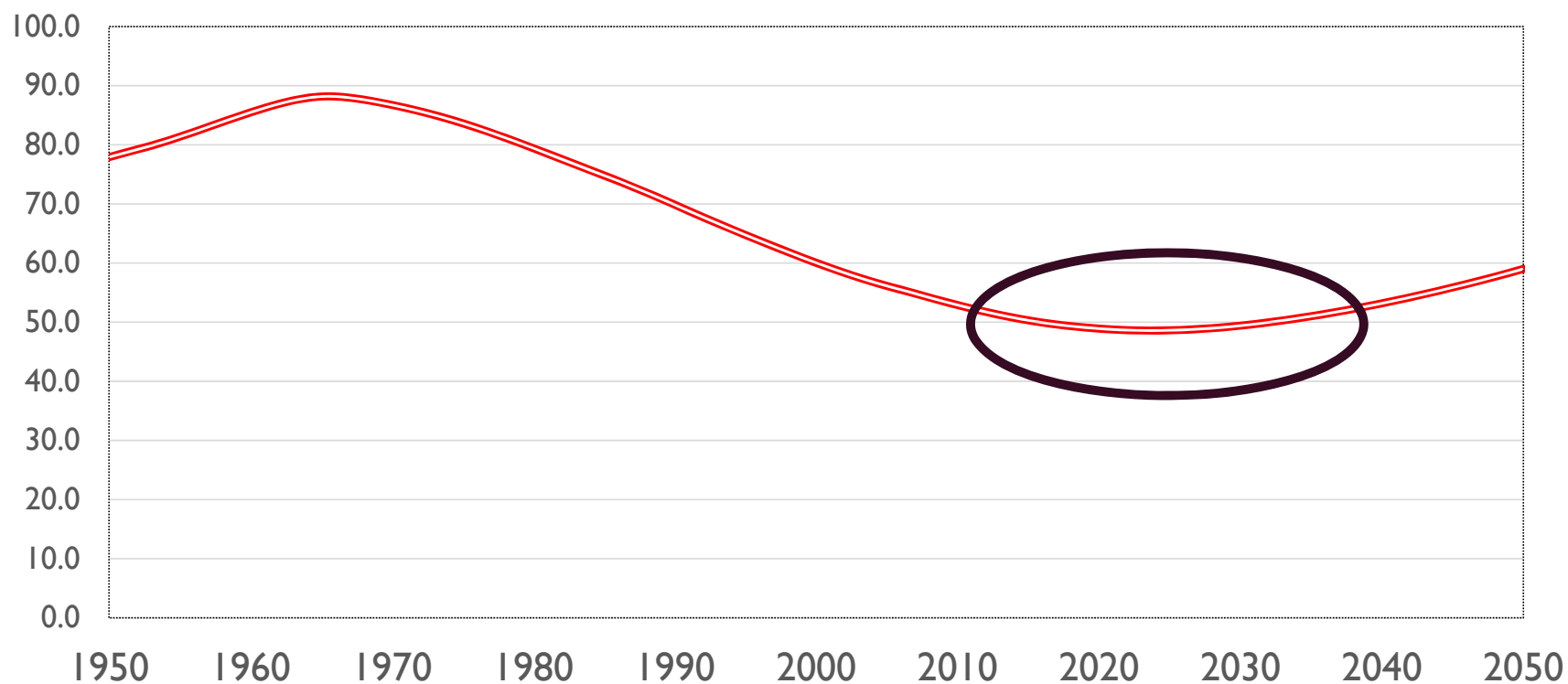
— 0-19 years
 — 20-39 years
 — 40-59 years
 — 60 years and over

Source: CELADE - Population Division of ECLAC. 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>



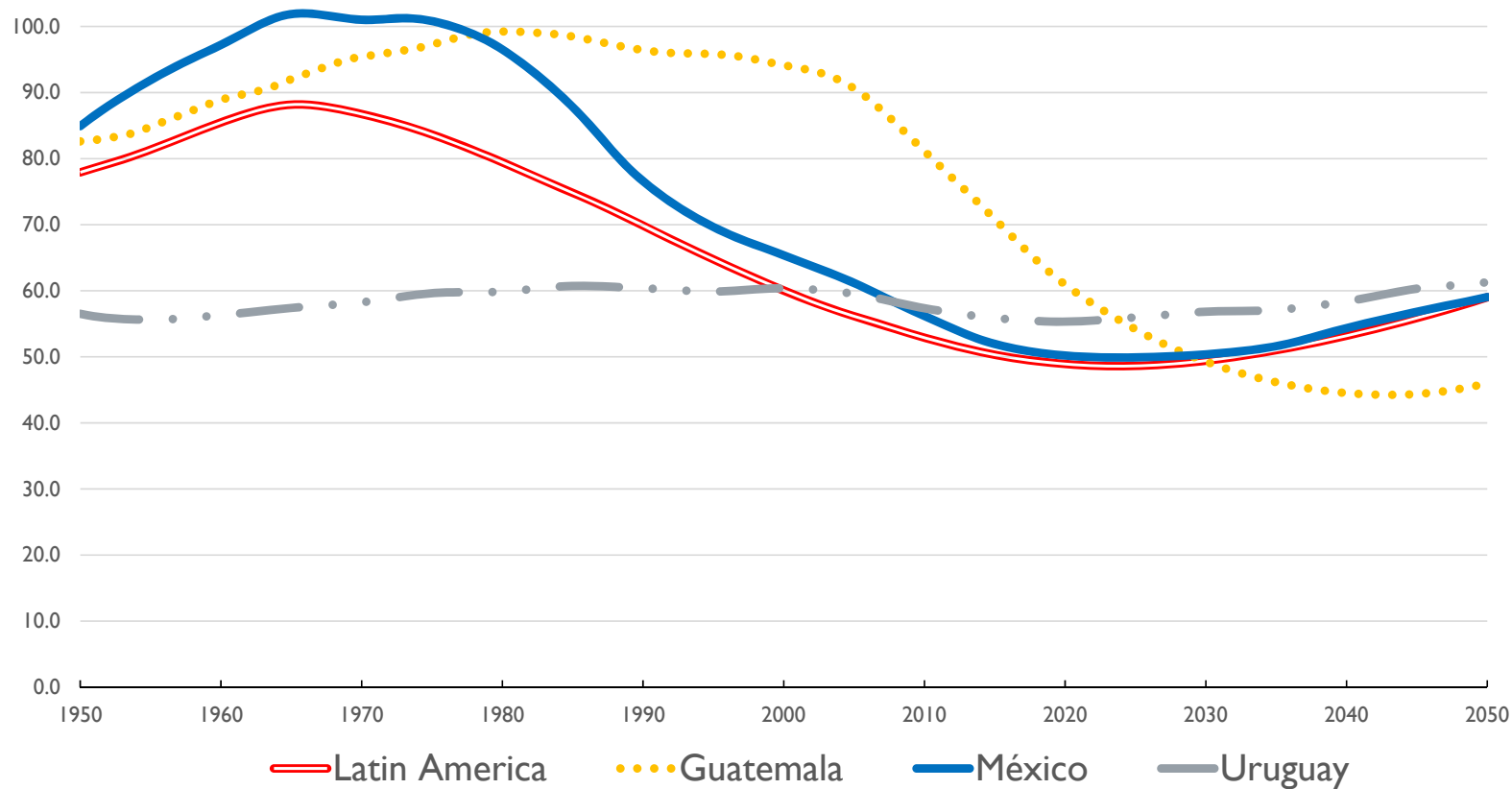
Different timing in age dependency ratios,
demographic dividends and ageing

Latin America. Evolution of the Dependency Ratio (per 100), 1950-2050



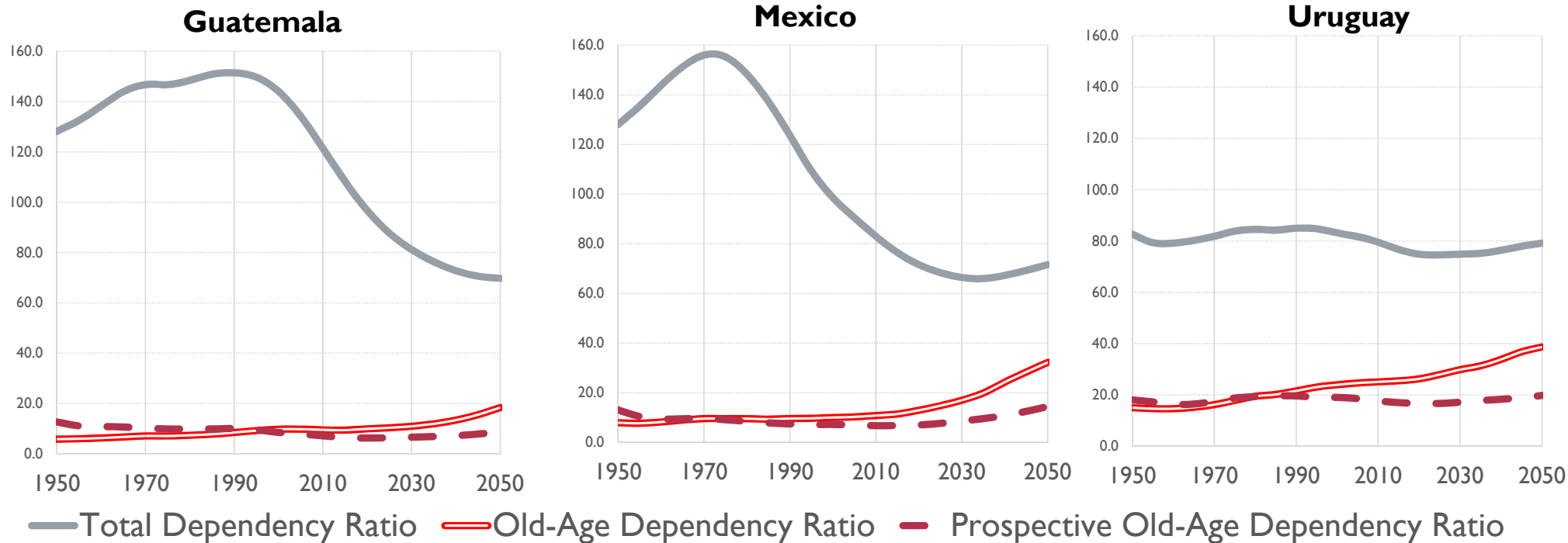
Source: Own elaboration based on CELADE - Population Division of ECLAC. 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

Evolution of the Dependency Ratio (per 100), region and countries selected, 1950-2050



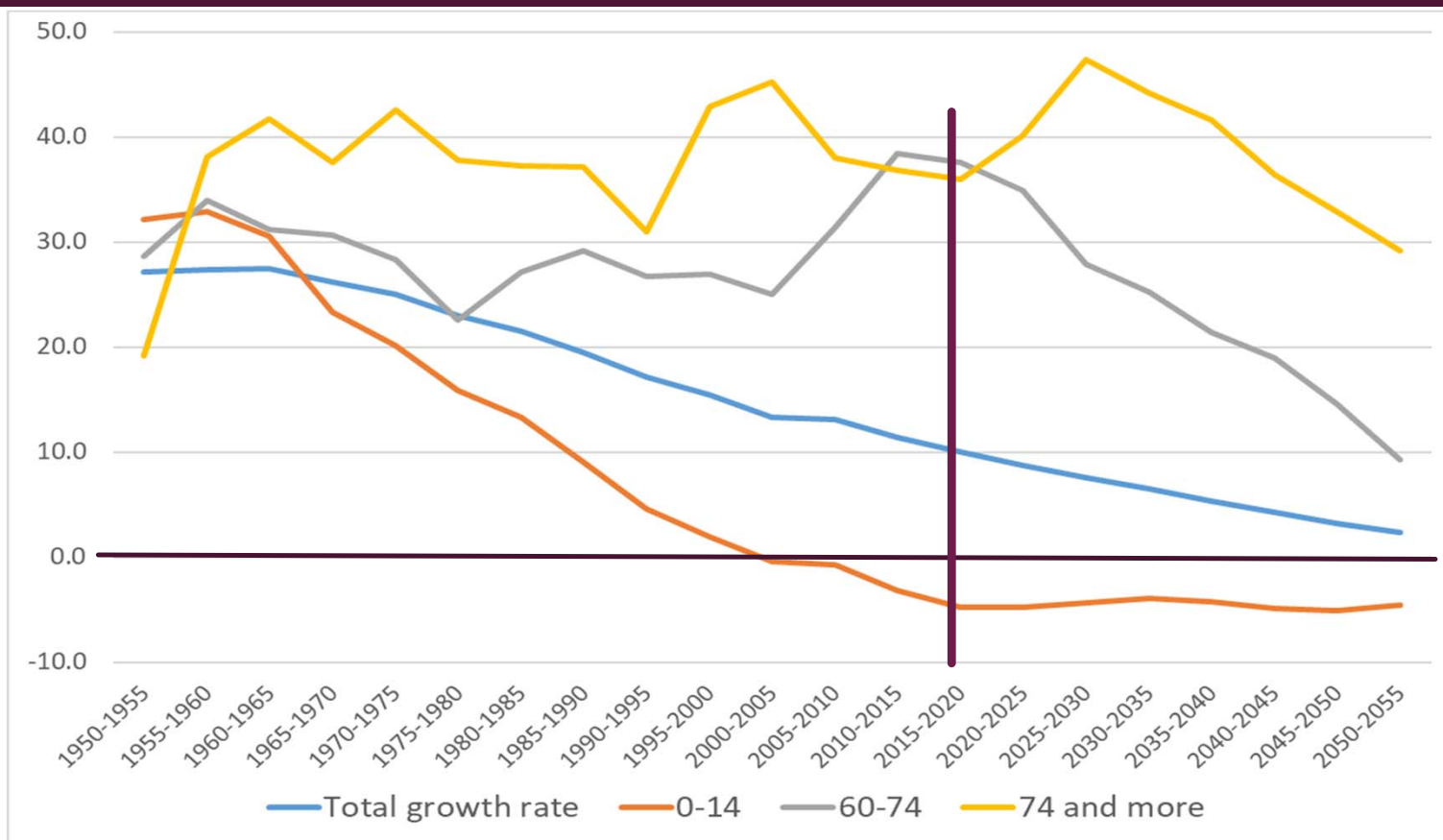
Source: Own elaboration based on CELADE - Population Division of ECLAC, 2016
Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

Total and old-age dependency ratios in Guatemala, Mexico and Uruguay, 1950-2050



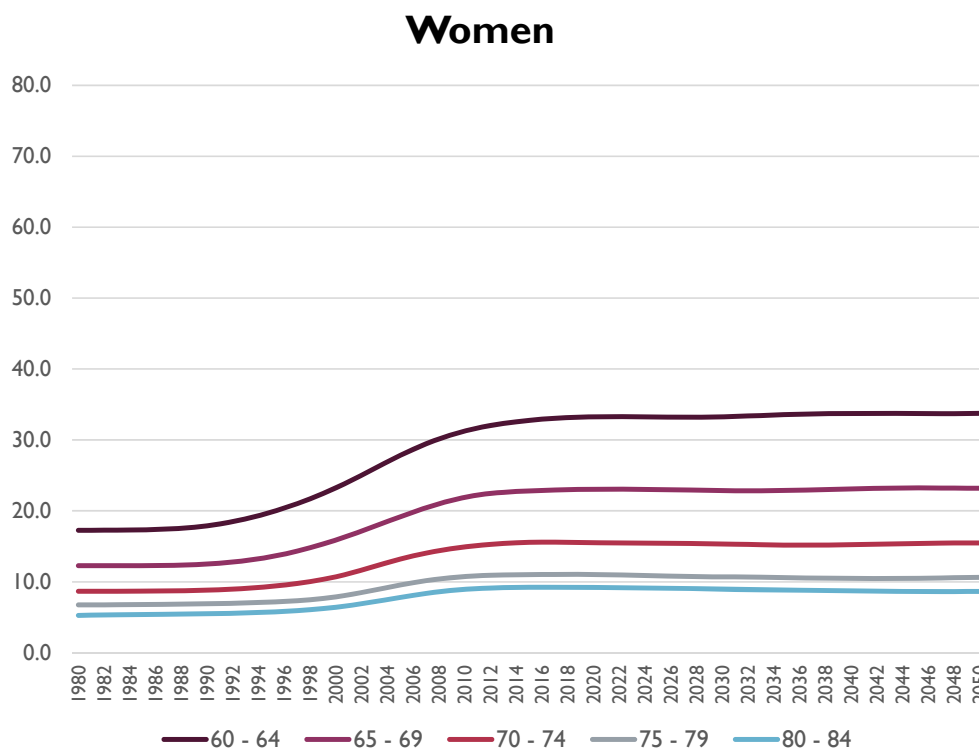
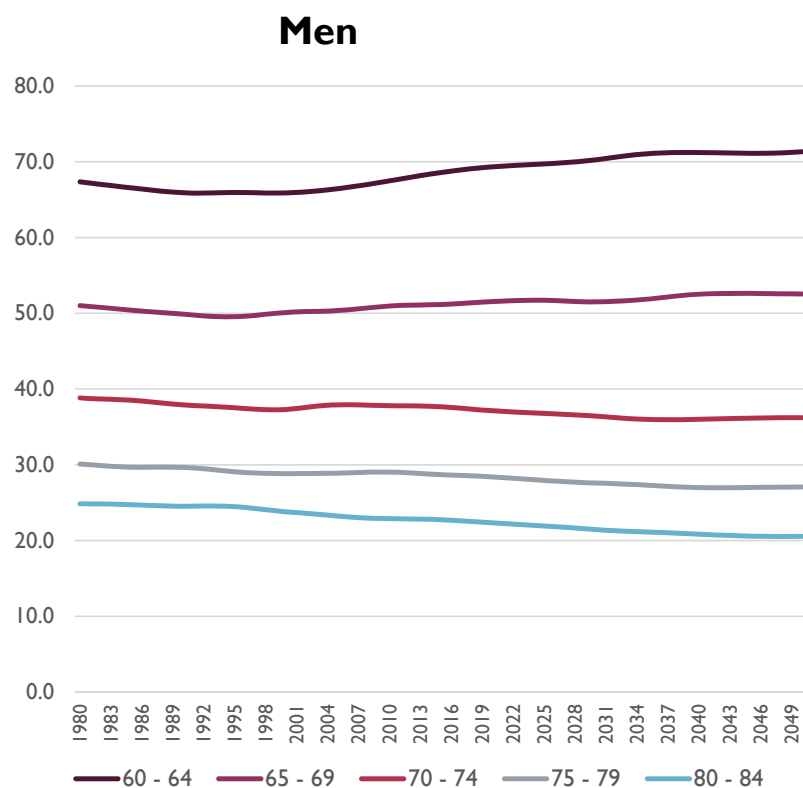
Source: CELADE - Population Division of ECLAC. 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa> and IIASA estimates for the Prospective Old-Age Dependency Ratio

Total and old age population growth (1 000), 1950-2050, Latin America



Source: CELADE - Population Division of ECLAC, 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

Labor participation rates after (population 60 and over), 1980-2050, Latin America



Source: CELADE - Population Division of ECLAC. 2016 Revision. Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

Labor participation rates after (population 60 and over), 2020, Guatemala, Mexico and Uruguay

Age group	Uruguay		Mexico		Guatemala	
	Men	Women	Men	Women	Men	Women
60-64	62	40	77	33	83	33
65-69	38	22	63	24	73	27
70-74	18	9	44	17	65	22

Source: CELADE - Population Division of ECLAC, 2016 Revision, Available at: <https://www.cepal.org/es/temas/proyecciones-demograficas/estimaciones-proyecciones-poblacion-total-urbana-rural-economicamente-activa>

The demographic dividend and the ageing processes are linked

WORKING AGE
POPULATION



- Human Capital investment.
- Characteristics of the labor market
- Informal labor market

AGEING

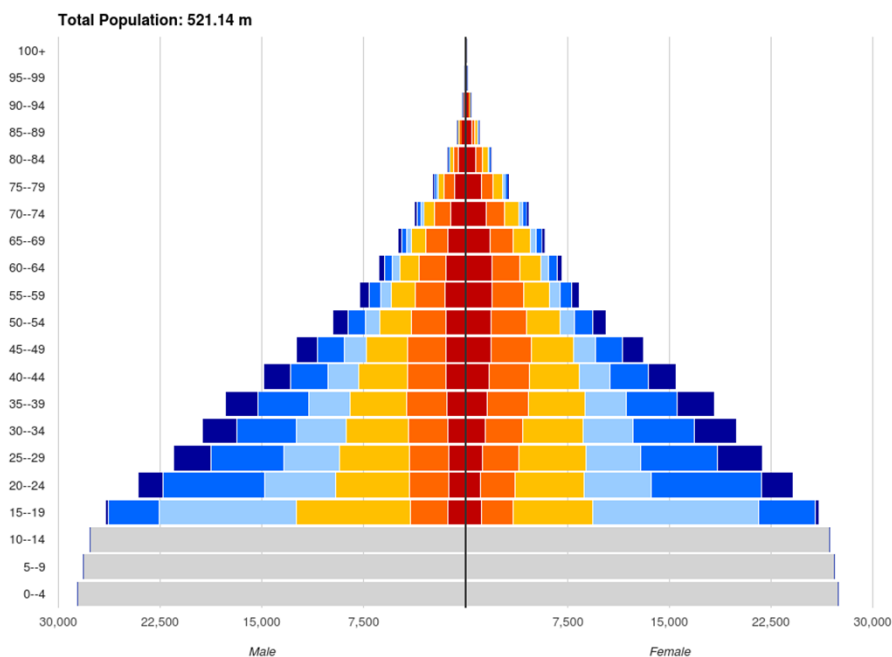


- Care system
- Pension system

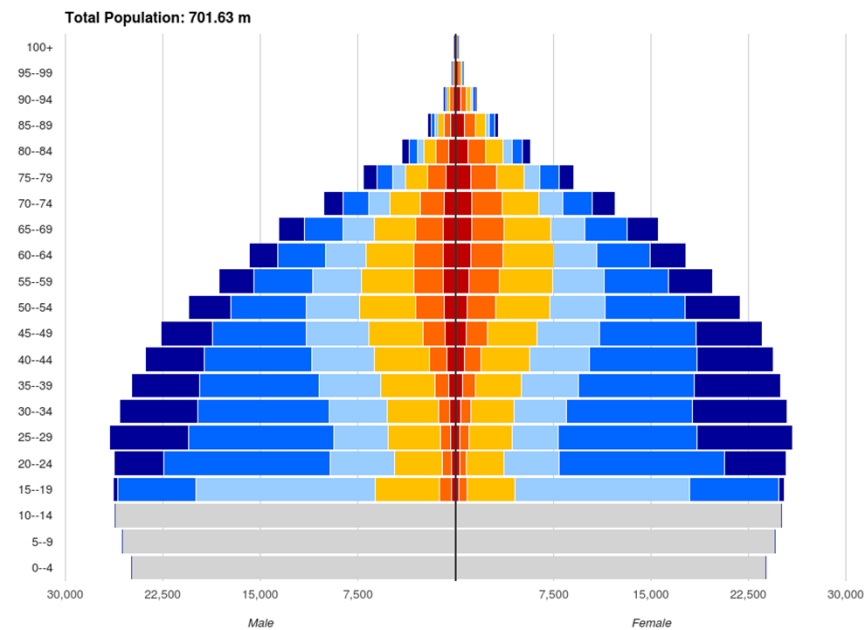
WELFARE REGIME

Latin America. Distribution of educational attainment by age group, 2000 and 2030

2000



2030

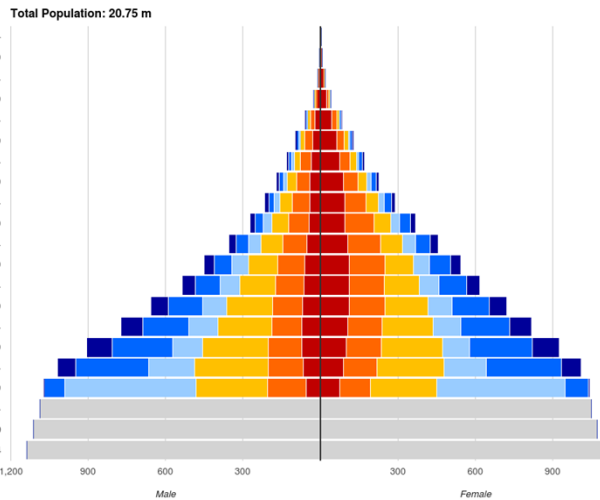


Under 15
 No Education
 Incomplete Primary
 Primary
 Lower Secondary
 Upper Secondary
 Post Secondary

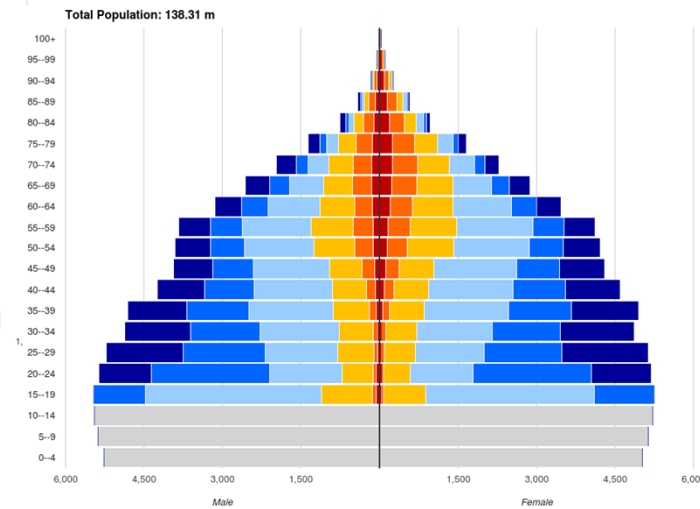
Source: Wittgenstein Centre for Demography and Global Human Capital, (2015). Wittgenstein Centre Data Explorer Version 1.2 Available at: www.wittgensteincentre.org/dataexplorer

Distribution of educational attainment by age group. Guatemala, Mexico and Uruguay, 2030

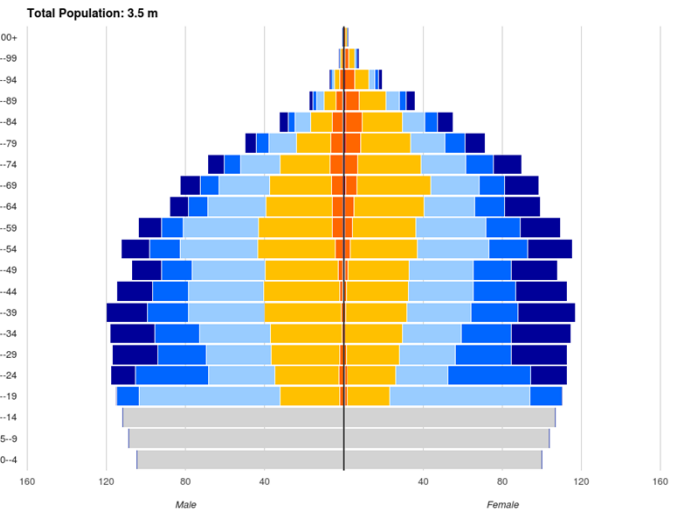
Guatemala



Mexico



Uruguay



Under 15
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Source: Wittgenstein Centre for Demography and Global Human Capital, (2015). Wittgenstein Centre Data Explorer Version 1.2 Available at: www.wittgensteincentre.org/dataexplorer

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Thank you, Gracias

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