

COD-PS Palestine (State of)

Update Year 2023 / Reference Year 2023

Objective of This Explanatory Technical Note

This explanatory technical note provides supplementary notes on the strengths and limitations of each Common Operational Dataset on Population Statistics (COD-PS) against the projections by the WPP 2022 Revision of the UN to enable informed humanitarian decision-making.

Structure of Supplementary Note

This supplementary note is organized into the following sections:

- 1. Metadata
- 2. Methodological Documentation
- 3. Intrinsic Population Growth Rates (ADM-0 & 1)
- 4. Population counts by age and sex (ADM-0)
- 5. Relative population size by age and sex (ADM-1)

1. Metadata

Item	Metadata
Country	Palestine (State of)
Source(s)	Palestinian Central Bureau of Statistics
Source(s) Link(s)	The sex and age disaggregated postcensal projections for 2017-2026 at ADM-1 are not available on the PCBS website. The projections were acquired through the UNFPA Palestine country office.
Population Data Type (Census enumeration, Direct estimate, or Population projection)	Population projection
Year of the Baseline Population	2017
Reference year of this COD-PS	2023
Publication year of this COD-PS	2023
ADM-1 Name	Region
ADM-1 Number of Units	2

Item	Metadata
ADM-1 Sex and Age Disaggregation	Sex and age disaggregated by 5-year age groups
ADM-1 Open-ended Age Group	80+
General Notes	According to the PCBS annual report 'Palestinians at the End of 2022', the number of the Palestinian population in historic Palestine at the end of 2022 was about 7.1 million, which is equal to the number of Jews in Palestine.
Data Limitations	This COD-PS includes the population projections only for Palestinians living within the State of Palestine. Otherwise, please refer to the 'Palestinians at the End of 2022' - an annual publication series from the Palestinian Central Bureau of Statistics - for the Palestinians living in the 1948 Territories, Jordan, Syria, and Lebanon.
COD-PS Demographic Data Quality Assessment	The COD-PS was assessed against ADM-0 estimates and projections published in the World Population Prospects (2022 Revision) by the United Nations Department of Economic and Social Affairs (UN-DESA).

2. Methodological Documentation

Item	Methodological Documentation
Methodology Used	The cohort component method was applied to the 2017 census.
Baseline Population	2017 census
Post-enumeration survey (PES)	The PES estimated an under-coverage rate of 1.7%.
Assessment and Adjustment of the Baseline Population	The 2017 census results were compared against the 2017 labour force survey, 1997 census, and 2007 census. Age reporting errors were also checked against accuracy indices and adjusted accordingly: Myers (2.4), Patchi (1.3), Wipple (1.0).
Fertility (births)	The postcensal projections assume a decline of the total fertility rate by 33% during 2012-2050 in the West Bank and Gaza Strip.
Mortality (deaths)	The postcensal projections assume a decline of the infant mortality rates by 50% during 2012-2050 in both the West Bank and Gaza Strip
International migration (net migration)	The postcensal projections assume a negative net international migration by 8,000 migrants annually for the next ten years (2017-2027), and zero net migration for the rest of the years until 2050.
Internal migration (migration within country)	N/A

3. Intrinsic Population Growth Rates (ADM-0 & 1)

At ADM-0, the implied postcensal population growth rates of this COD-PS (2.46% per year: female: 2.48%, male: 2.43%) are generally consistent with the projections published in the World Population Prospects (WPP) 2022 Revision (2018: 2.17%, 2020: 2.29%, 2022: 2.29%, 2023: 2.27%).

At ADM-1, the growth rate of Gaza Strip was 2.87% per year (female: 2.86%, male: 2.84%) and the growth rate of West Bank was 2.18% per year (female: 2.22%, male: 2.15%). The NSO estimates the total fertility rate for Gaza Strip at 3.9 births per women (2017-2019 timeframe) and growth rate at 2.8% per year (as of 2022) [1].

[1] Palestine Central Bureau of Statistics (2022), Summary of Statistical Indicators in Palestine by Region.

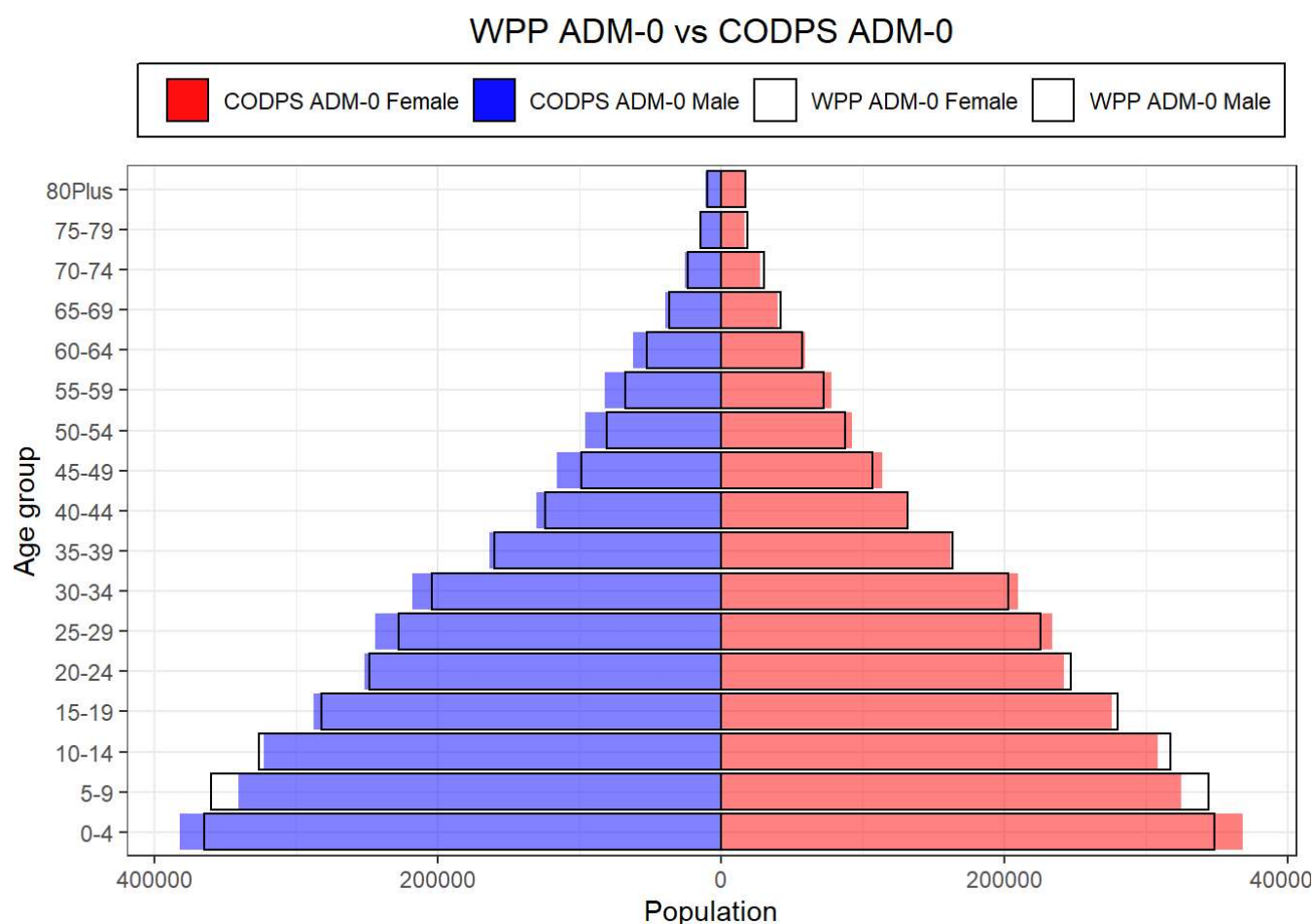
ADM-1	Last Census, Female	Last Census, Male	CODPS, Female	CODPS, Male	PGR(%), Female	PGR(%), Male	PGR(%), Both
Gaza Strip	925,247	951,419	1,098,618	1,127,926	2.86	2.84	2.85
West Bank	1,399,759	1,456,932	1,598,932	1,657,974	2.22	2.15	2.18
Total	2,325,006	2,408,351	2,697,550	2,785,900	2.48	2.43	2.46

4. Population Counts by age and sex (ADM-0)

Below, we compare the population structure across sex and age groups between the NSO and WPP projections at the national level. Across most age groups, the sex- and age-specific counts of the NSO projections are generally consistent with WPP, with minor variations.

	CODPS-WPP, Female	Difference(%)	CODPS-WPP, Male	Difference(%)
0-4	20,186	5.80	16,950	4.64
5-9	-19,731	-5.73	-19,494	-5.42
10-14	-9,163	-2.89	-3,012	-0.92
15-19	-3,812	-1.36	5,346	1.89
20-24	-4,727	-1.92	3,707	1.49
25-29	8,166	3.62	17,037	7.50
30-34	6,534	3.22	14,226	6.98
35-39	-1,754	-1.07	3,188	1.99
40-44	-830	-0.63	6,256	5.04
45-49	6,310	5.90	17,019	17.26
50-54	5,106	5.83	15,135	18.80

	CODPS-WPP, Female	Difference(%)	CODPS-WPP, Male	Difference(%)
55-59	5,256	7.25	14,514	21.49
60-64	2,318	4.06	9,072	17.20
65-69	-1,896	-4.52	2,823	7.70
70-74	-2,686	-8.94	1,728	7.29
75-79	-1,892	-10.15	-537	-3.66
80Plus	-295	-1.70	1,173	11.74



5. Relative population size by age and sex (ADM-1)

Below compares relative population proportions by sex and age between NSO ADM-1 and WPP ADM-0 projections. While the relative population proportions of both Gaza Strip and West Bank closely follow those of WPP at ADM-0, there are some differences. In Gaza Strip the proportions of 0-4 year olds are relatively higher than those of WPP at ADM-0, and the West bank shows an opposite pattern.

