

BURSTING
THE DEMOGRAPHIC BUBBLE

Jewish Demographic Tailwind

No

Arab Demographic Time Bomb

2/3:1/3 JEWISH MAJORITY

Arab Population In Judea, Samaria & Gaza *The over Million Person Gap*

**2013 PCBS
Population 4.4 MN**

PCBS: Palestine Central Bureau of Statistics

Less Fewer Births

Less Net Emigration

Less Jerusalem Arabs &
wedding Double-Count

Less Residents Abroad

**2013 Documentation
Population 3.1 M**

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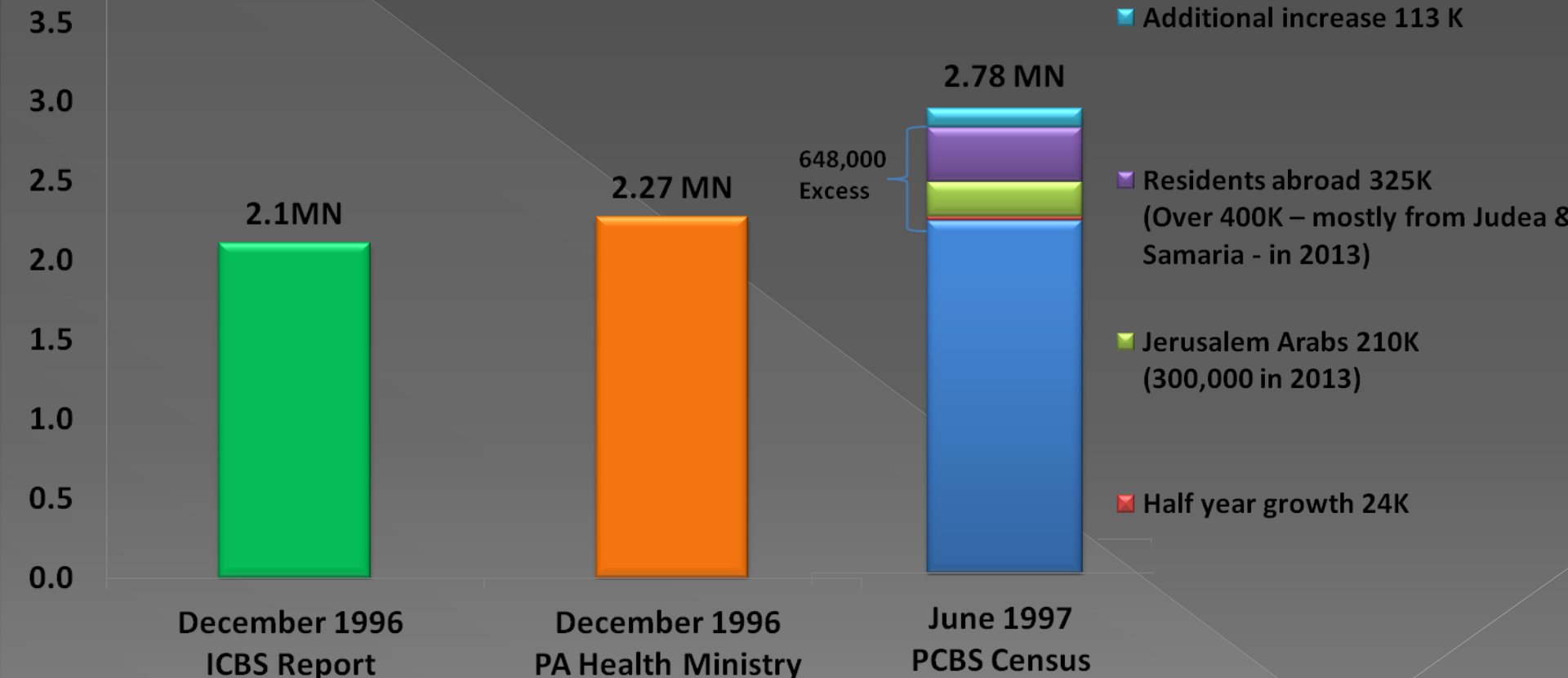
Yakov Faitelson

Examination of the 1997 PCBS Census

Millions of
People

Before Census

Census Era



The ICBS-PCBS gap until the 1997 census was 3%-5%. **The 1997 census catapulted the gap to 30%**, but no one examined the sudden surge, which was caused by the inclusion of **overseas residents** (325K in 1997, over 400K in 2013), double-count of **Jerusalem Arabs** (210K in 1997, 300K in 2013) as Israeli Arabs by the ICBS and as West Bankers by the PCBS, etc.

Palestine Central Bureau of Statistics Census Inclusion of residents living abroad for over a year

“We counted 325,000 people living **outside of the Palestinian lands for more than one year**, who carry Palestinian ID cards and can return at any time. This number is a minimum, and is not precise because we could not contact all the families living abroad.”

Hassan Abu Libdah, Head of PCBS

News Conference held at Al-Bireh

February 26, 1998

2013 - Over 400,000 overseas residents – mostly from Judea & Samaria - are included in the PCBS demographic count.

According to internationally accepted demographic standards, overseas residents (professors, students, consultants, travelers, emigrants, etc.) who are abroad for over a year are not counted demographically in their home-country. Israel abides by such standards.

Palestine Central Bureau of Statistics Census

Inclusion of Residents Living Abroad for over a year

http://www.pcbs.org/phc_97/phc_covr.aspx

Census Coverage

... For the first ever Palestinian census, **the de-facto approach was adopted with some exceptions**. The census count included the following categories:

A : The Categories underwent complete data collection.

1. All persons present in the Palestinian territories on the census reference date, irrespective of nationality, purpose of stay and place of residence in the Palestinian territories.
2. All temporarily living abroad (for one year prior to the night of the reference date) and who have a usual place of residence in the Palestinian territories. Those persons are enumerated as parts of their households.
3. **All Palestinians studying abroad irrespective of the study period** and the period of stay abroad along with all Palestinian detainees in the Israeli jails regardless of the detention period.

B : **Palestinian abroad**: Categories underwent data collection on their numbers and sex only. This category includes **Palestinians who live abroad for more than one year** and who have a usual place of residence in the Palestinian territories and have identity cards (except for students and detainees enumerated in the previous category) irrespective of the purpose of stay abroad.

Palestine Central Bureau of Statistics

2007 Census Coverage (per PCBS website)

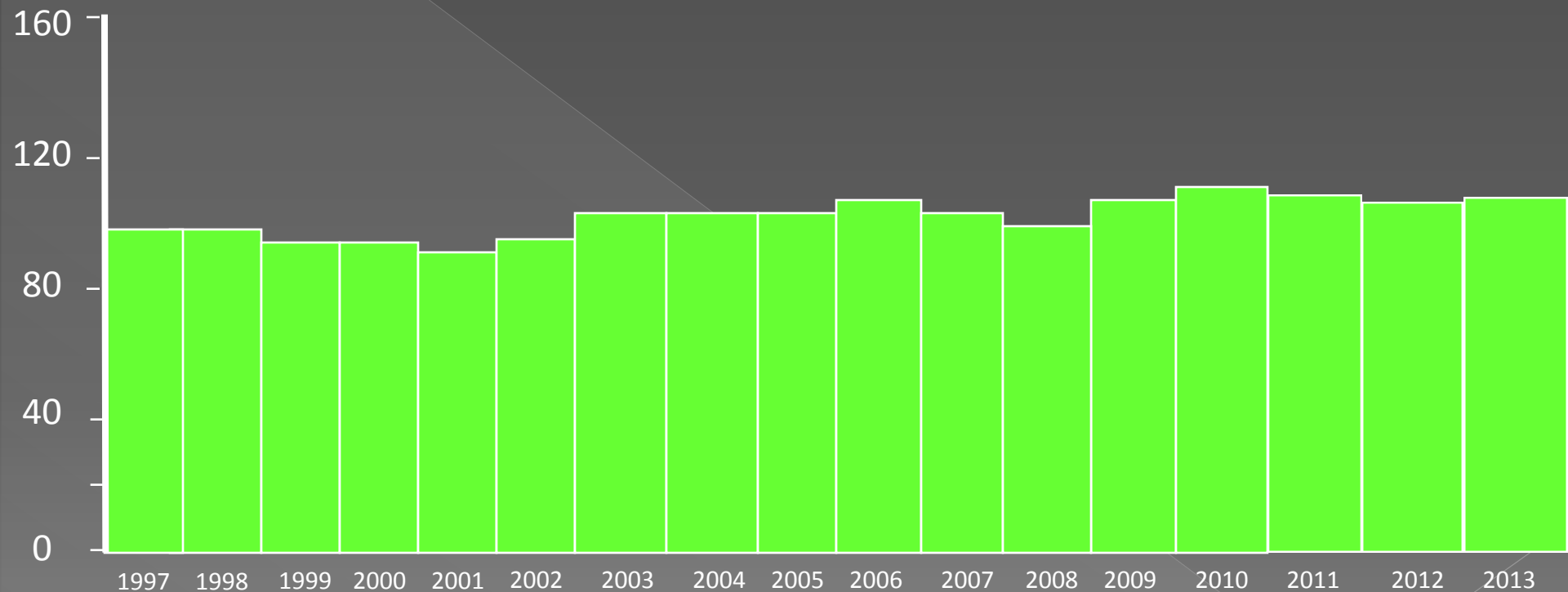
- ◎ “The PHC-2007 has been conducted on the basis of de-facto, taking into consideration minor local circumstances.”
- ◎ “This approach is identical to the implementation of PHC-1997.”

Stabilization of PA Birth Numbers

(Reflecting Decline in Fertility Rate)

1997-2013

Thousands
of Births/Year

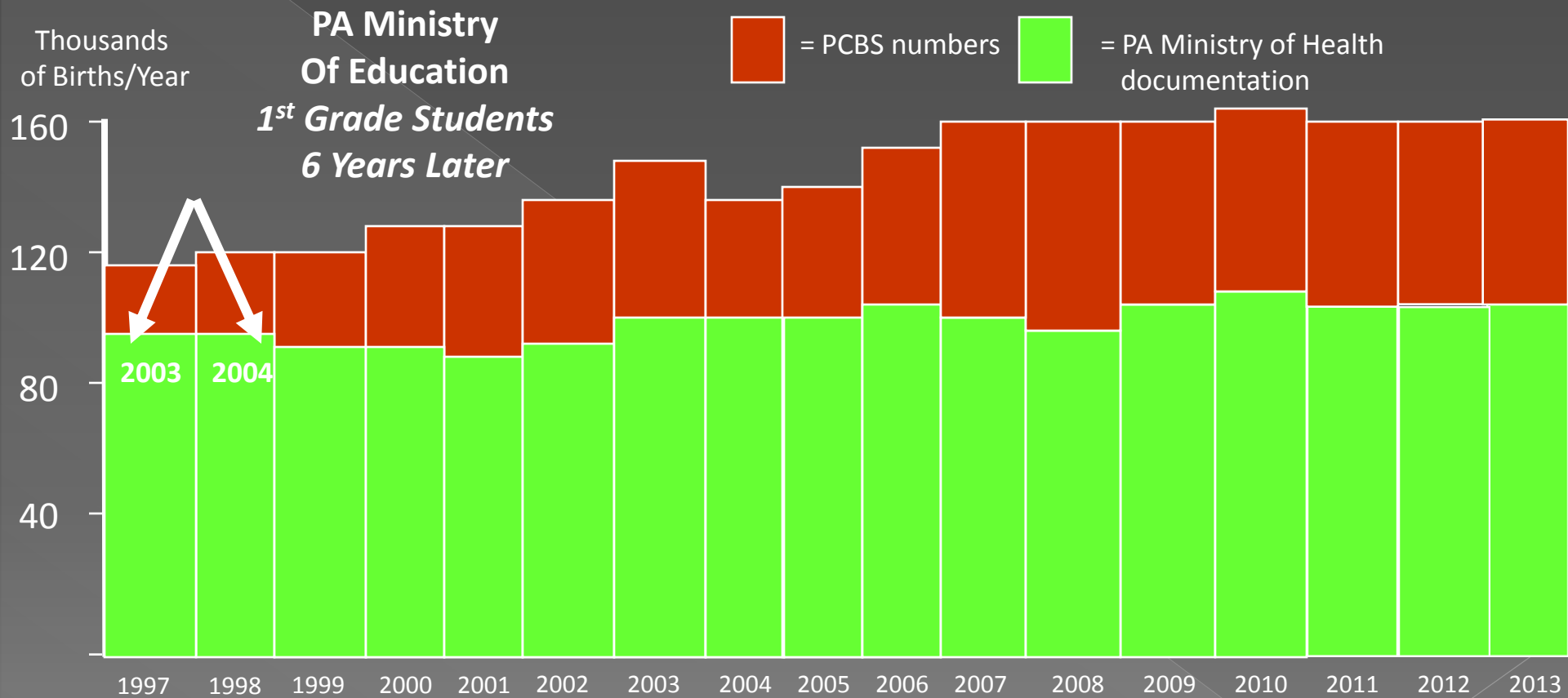


The Documentation includes village mid-wives and clinics. Home deliveries: around 5% and declining.

Documentation is essential for daily movement, for using international passages (1,100,000 annual exits/entries), for UNRWA child allowances, for access to Israel (work, education, business, health, BG Airport, recreation, visits).

Births *documented* by PA Ministry of Health confirmed by PA Ministry of Education Records

2013-1997



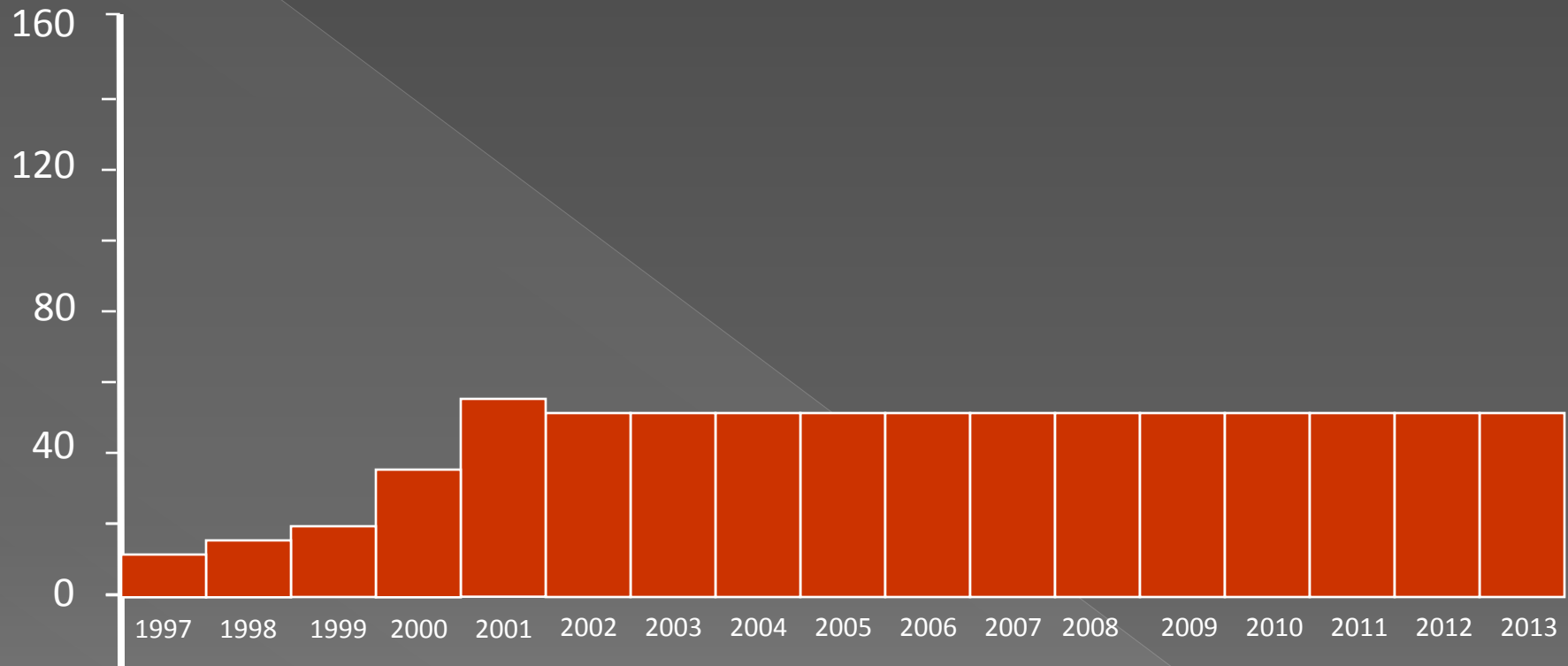
About 100% of 6 year old children register to first grade, according to the World Bank, European and Israeli studies. A high dropout rate starts at 3rd grade.

PA Ministry of Health's documentation of births is compatible with PA Ministry of Education's documentation of first grade registration (6 years later). Both are well below PCBS numbers.

Arab fertility decline in Judea & Samaria: Annual number of births stabilization in 1995-2012.

PCBS 1997 Net-Immigration Assumption

Net Entries/Exits
In Thousands/Year

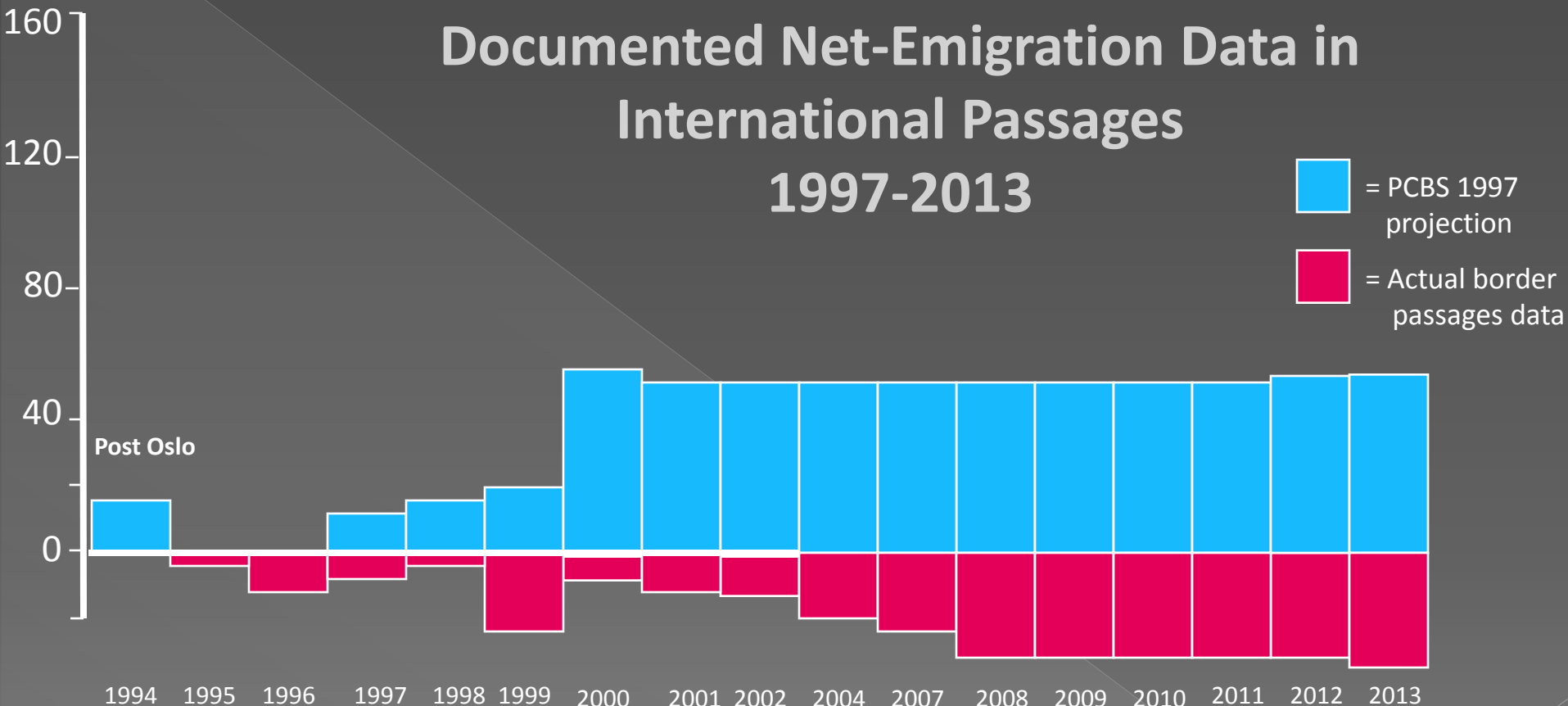


PCBS population numbers included an assumption of 45,000 net immigration annually, beginning 2001 until 2015. It was **accepted without scrutiny**, just like all PCBS numbers!

PCBS 1997 Net-Immigration Assumption VS

Documented Net-Emigration Data in International Passages 1997-2013

Net Entries/Exits
In Thousands/Year



Israel, Jordan and Egypt border police data documents annual net-emigration since 1950. In 2013, 20,000 net-emigration from Judea & Samaria. In 2011 and 2012 – 18,000 annual net-emigration from Judea & Samaria. **Since 1950, only 6 years featured net-immigration.**

Assumption: 11,000 annual net-emigration was documented by the European observers at the Gaza-Rafiah international passages before they ran away. **Net-emigration from Gaza has surged** since the 2011 toppling of the Mubarak regime, but no documentation is available.

Judea & Samaria Arab Legal Migration (via wedding) to pre-1967 Israel - *Double Count* and growing 1993 - 2003



From 1993 – 2003, over 150,000 residents of Judea & Samaria and Gaza received Israeli IDs Upon marrying Israeli Arabs (105,000 since 1997). They are doubly-counted (as “**Green Line**” Arabs and as **West Bankers**). This phenomenon was stopped by a 2003 amendment to the Citizenship Law (Source: November 2003 Population Authority, Israel Ministry of Interior Report.)

Study Results 1997-2003

	1997	1998	1999	2000	2001	2002	2003
JUDEA & SAMARIA							
Begin Year	1,237,543	1,258,331	1,291,455	1,305,168	1,332,890	1,354,892	1,373,814
Births	46,882	51,648	48,458	46,656	46,344	45,214	51,010
Deaths	5,236	4,890	5,303	5,488	5,329	6,408	5,786
Net Migration Abroad	-9,358	-2,135	-17,942	-1,945	-7,514	-8,384	-8,880
Migration to Israel	-11,500	-11,500	-11,500	-11,500	-11,500	-11,500	-11,500
End Year	1,258,331	1,291,455	1,305,168	1,332,890	1,354,892	1,373,814	1,398,658
GAZA							
Begin Year	873,582	900,916	929,935	953,023	981,306	1,008,087	1,037,225
Births	37,527	37,060	35,919	36,260	36,571	39,648	40,114
Deaths	3,673	3,650	3,685	3,630	3,894	4,397	4,398
Net Migration Abroad	-3,019	-891	-5,646	-847	-2,396	-2,613	-2,784
Migration to Israel	-3,500	-3,500	-3,500	-3,500	-3,500	-3,500	-3,500
End Year	900,916	929,935	953,023	981,306	1,008,087	1,037,225	1,066,657
TOTAL							
Begin Year	2,111,125	2,159,248	2,221,390	2,258,190	2,314,196	2,362,978	2,411,039
Births	84,409	88,708	84,376	82,916	82,915	84,863	91,124
Deaths	8,909	8,540	8,988	9,118	9,223	10,805	10,184
Net Migration Abroad	-12,377	-3,026	-23,588	-2,792	-9,910	-10,997	-11,664
Migration to Israel	-15,000	-15,000	-15,000	-15,000	-15,000	-15,000	-15,000
End Year	2,159,248	2,221,390	2,258,190	2,314,196	2,362,978	2,411,039	2,465,315

Population models should be transparent with clearly defined starting, intermediate and ending points, so that researchers can assess the data, factor by factor. Many current estimates use information released by the PCBS to build population forecasts.

Study Results 2005-2012

	2005	2006	2007	2008	2009	2010	2011	2012
JUDEA & SAMARIA								
Begin Year	1,432,403	1,459,282	1,491,527	1,522,702	1,547,723	1,576,559	1,608,247	1,636,940
Births	48,783	52,421	50,239	48,324	51,532	54,253	53,010	52,415
Deaths	5,615	5,378	5,365	6,425	6,052	6,065	6,317	5,921
Net Migration Abroad	-16,289	-14,798	-13,699	-16,878	-16,644	-16,500	-18,000	-18,154
Migration to "Green Line"								
End Year	1,459,282	1,491,527	1,522,702	1,547,723	1,576,559	1,608,247	1,636,940	1,665,280
								PCBS 2.7MN
GAZA								
Begin Year	1,105,493	1,146,184	1,177,098	1,208	1,238,271	1,276,171	1,318,296	1,357,849
Births	44,536	46,776	46,630	45,583	50,800	57,135	54,662	51,813
Deaths	4,531	4,862	4,836	4,204	1,900	4,010	4,109	3,854
Net Migration Abroad	686	-11,000	-11,000	-11,000	-11,000	11,000	-11,000	-11,000
Migration to Israel								
End Year	1,146,184	1,177,098	1,207,692	1,238,271	1,276,171	1,318,296	1,357,849	1,394,808
								PCBS 1.6MN
TOTAL								
Begin Year	2,537,896	2,605,466	2,668,625	2,730,593	2,785,994	2,852,730	2,926,543	2,994,790
Births	93,319	99,197	96,868	93,907	102,332	111,388	107,672	104,228
Deaths	10,146	10,240	10,201	10,629	7,952	10,075	10,426	9,775
Net Migration Abroad	-15,603	-25,798	-24,699	-27,878	-27,644	-27,500	-29,000	-29,154
Migration to Israel					0			
End Year	2,605,466	2,668,625	2,730,593	2,785,994	2,852,730	2,946,693	2,992,790	3,060,089
								PCBS 4.3MN

1 million gap in Judea & Samaria. Population models should be transparent with clearly defined starting, intermediate and ending points, so that researchers can assess the data, factor by factor. Many current estimates use – without scrutiny - information released by the PCBS to build population forecasts.

Study Results 2013

2003

JUDEA & SAMARIA

Begin Year	1,665,280
Births	50,087
Deaths	5,420
Net Migration Abroad	-20,061
Migration to "Green Line"	
End Year	1,689,887

PCBS 2.7MN

GAZA

Begin Year	1,394,808
Births	49,158
Deaths	3,347
Net Migration Abroad	-11,000
Migration to Israel	
End Year	1,429,619

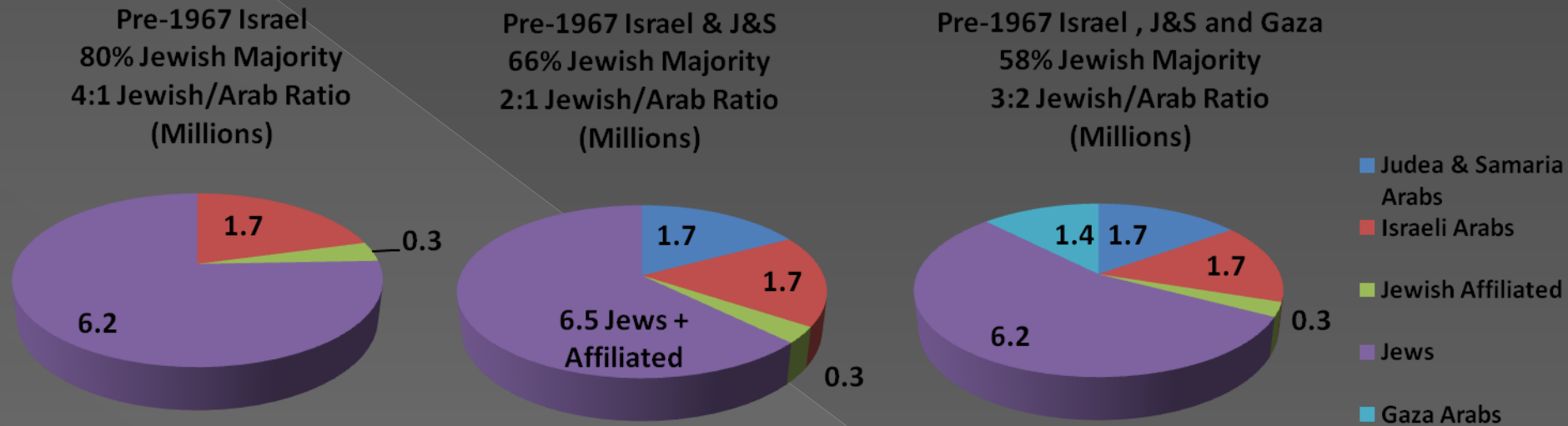
PCBS 1.7MN

TOTAL

Begin Year	3,060,089
Births	99,245
Deaths	8,767
Net Migration Abroad	-31,061
Migration to Israel	
End Year	3,119,506

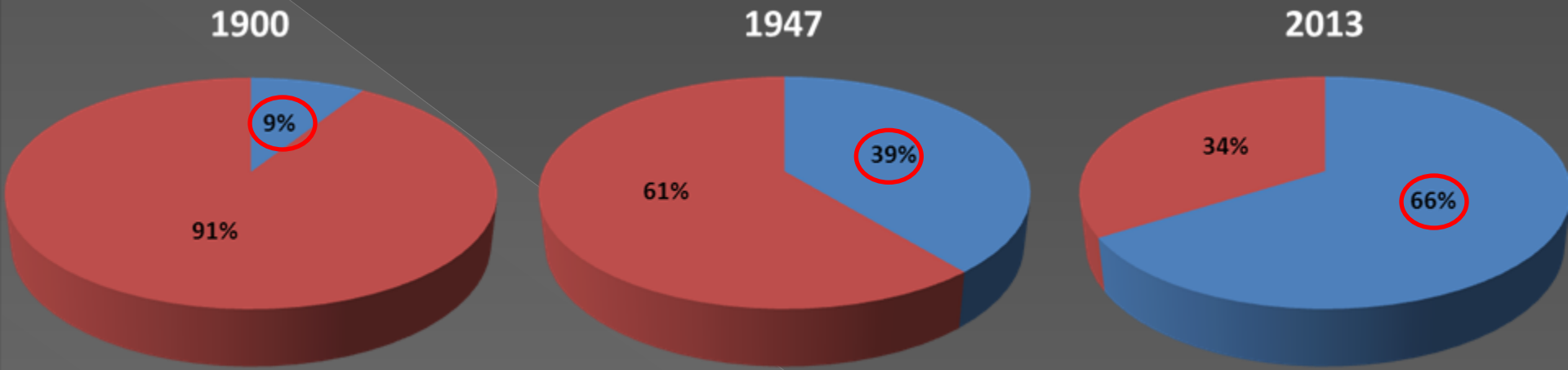
PCBS 4.4MN

A 66% Jewish Majority in Pre-1967 Israel, Judea, and Samaria December 31, 2013



1900 - 9% Jewish minority, 1947 – 39% Jewish minority in Judea, Samaria and pre '67 Israel. 300,000 Olim from the USSR are yet to be accepted as Jews by the Rabbinate. Morally and strategically they are affiliated with the Jewish sector. Their due recognition will trigger Aliyah. During the 1960s, Arabs experienced the beginning of a demographic momentum. In 2013, the Arab demographic momentum is winding down, while the Jewish majority benefits from fertility and migration tailwind. The category "Israeli Arabs" includes Druz, Bedouins, Christian Arabs and Caucasians, who constitute 3.5% of the population in pre-1967 Israel.

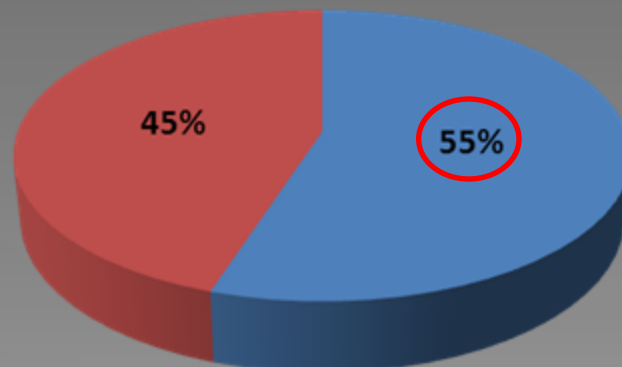
The Demographic Balance in Judea, Samaria and pre-1967 Israel



■ Jews

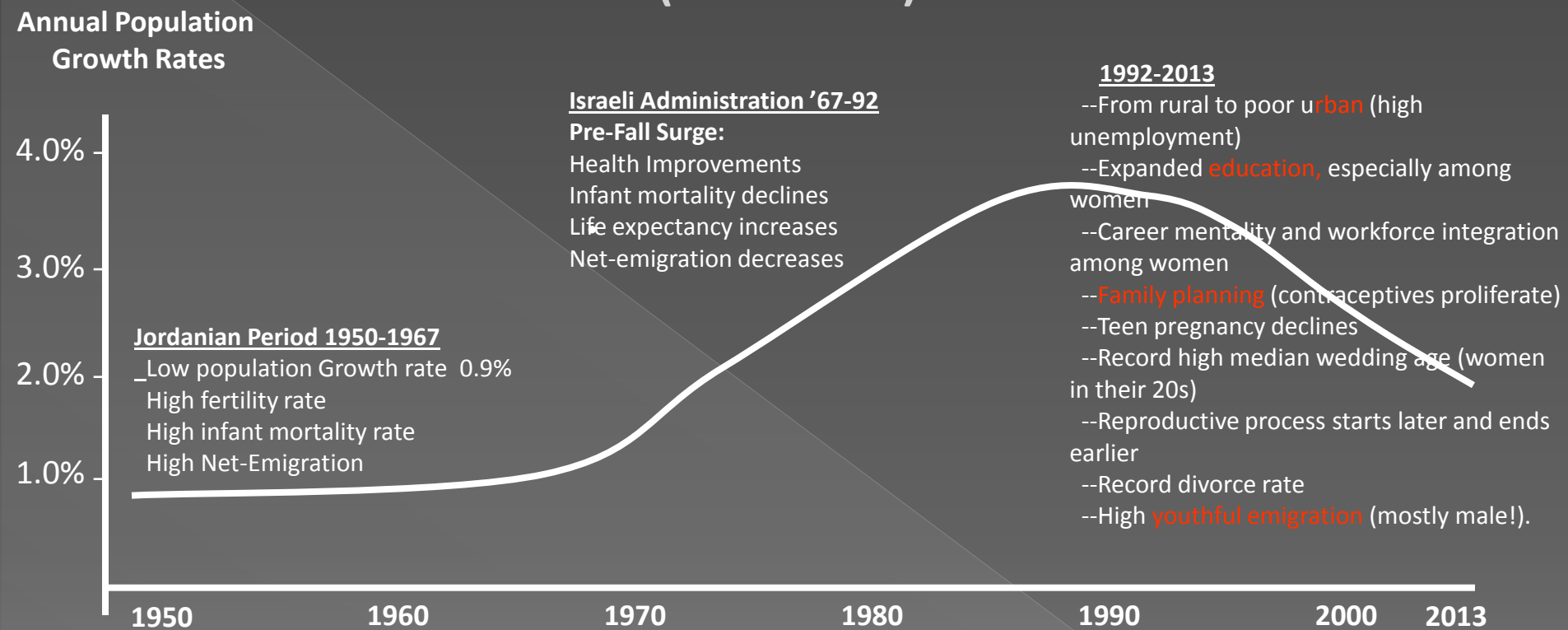
■ Arabs

The Demographic Balance 1947 Partition Lines of The Jewish State



Judea & Samaria

Trend of Arab Population Growth (**pre-fall surge**) (1950-2013)



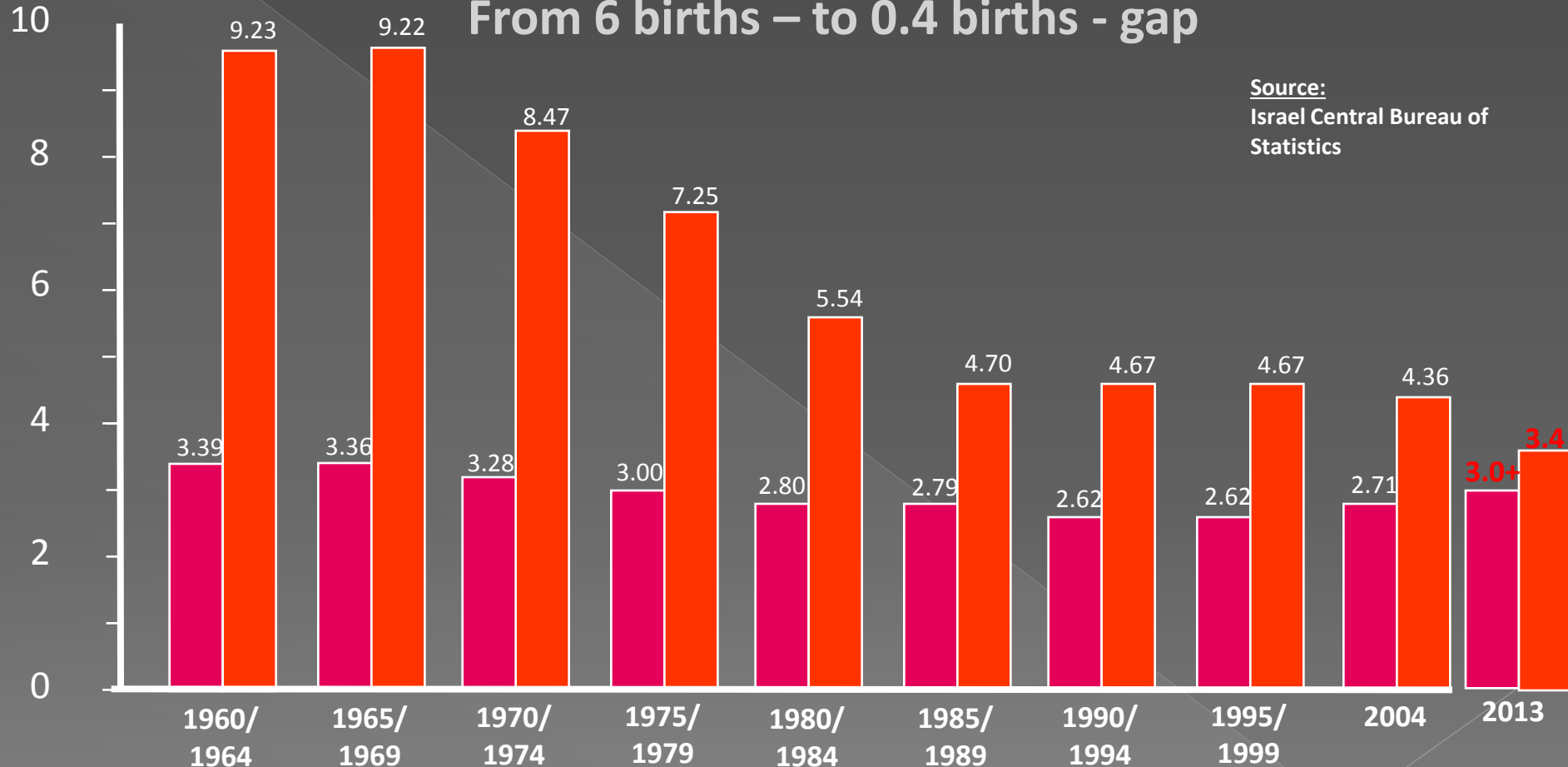
As evidenced by global precedents of integration between Western World and Third World societies, an initial significant growth is a prelude to a substantial decline (pre-fall surge). Growth rates in J&S are experiencing the normal stages of population development. Growth rates for J&S are Westernized, trending below Israeli Jews' growth rates. 1967 – 70% rural Arab population. 2013– 75% urban Arab population; 30% unemployment and PLO-Hamas civil war. 2013 – almost all young Arab women complete high school and increasingly enroll in colleges.

Muslim Fertility Rate Westernized

- * **Fertility rates decline in all Muslim countries** (modernity: urbanization, education & literacy, women's assertiveness, secularization, family planning, career mentality): Iran – 1.8 births per woman, Saudi Arabia 2.3, Egypt – 2.9, Jordan – 3.4, Syria – 2.5, No. Africa – 1.9, Gulf States – 2.5.
- * **Israel's Jewish fertility rate (3 births per woman) – higher than Arab countries, other than Sudan, Yemen, Iraq and Jordan.**
- * **Fertility in the Muslim world** (other than Sub-Sahara and the Horn of Africa) **has fallen two or three times faster than the world average.**
- * **Hania Zlotnik, Director, UN Population Division** (2009): “In most of the Islamic world it's amazing, the decline in fertility that has happened.”
- * **Dr. Nicholas Eberstadt** (American Enterprise Institute, June, 2012): “**The remarkable fertility declines now unfolding throughout the Muslim world is** one of the most important demographic developments in our era.... Six of the ten largest absolute declines in fertility for a two-decade period yet recorded in the postwar era have occurred in Muslim-majority countries.”
- * The Washington-based **Population Reference Bureau** (PRB, June, 2012): **72% of 15-49 year old Palestinian married women prefer to avoid pregnancy**, as are 78% in Morocco, 71% in Jordan, 69% in Egypt and Libya, 68% in Syria, 63% in Iraq and 61% in Yemen.

Total Fertility Rates (TFR) Gap “Green Line” Jews and Moslems 1960 – 2013

Total Fertility Rate
Births/Woman

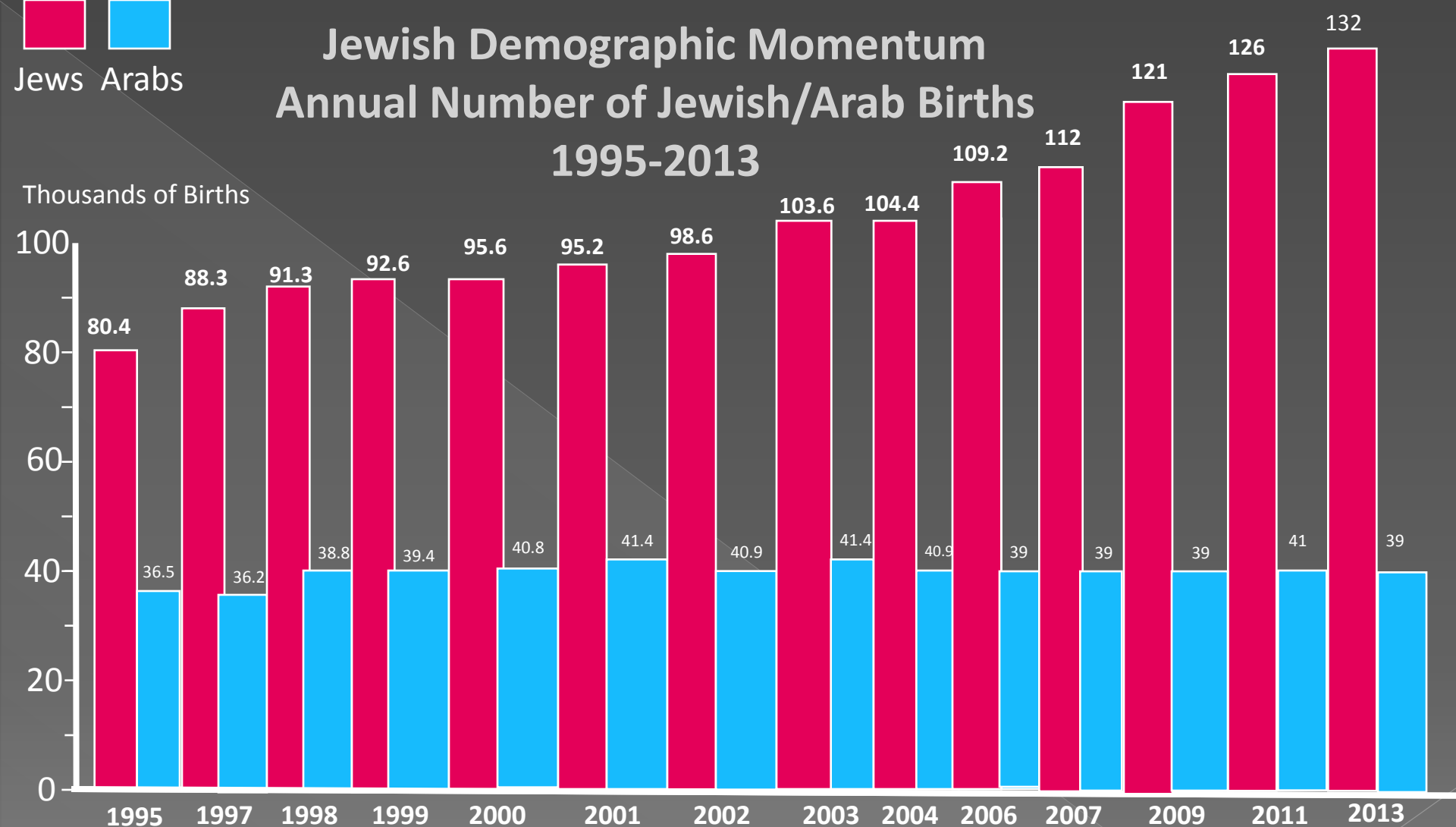


Jewish-Arab fertility gap plunged from 6 births per woman in 1969 to 0.5 in 2013. Fertility rates of young Jewish and Arab women have converged at 3.0. Jews trend above – and Arabs below – 3 babies per woman. Jewish fertility rate increase: Optimism, collective-responsibility, attachment to roots, patriotism, tradition, faith, value-driven education, economy, Holocaust.

Jewish Demographic Momentum

Annual Number of Jewish/Arab Births

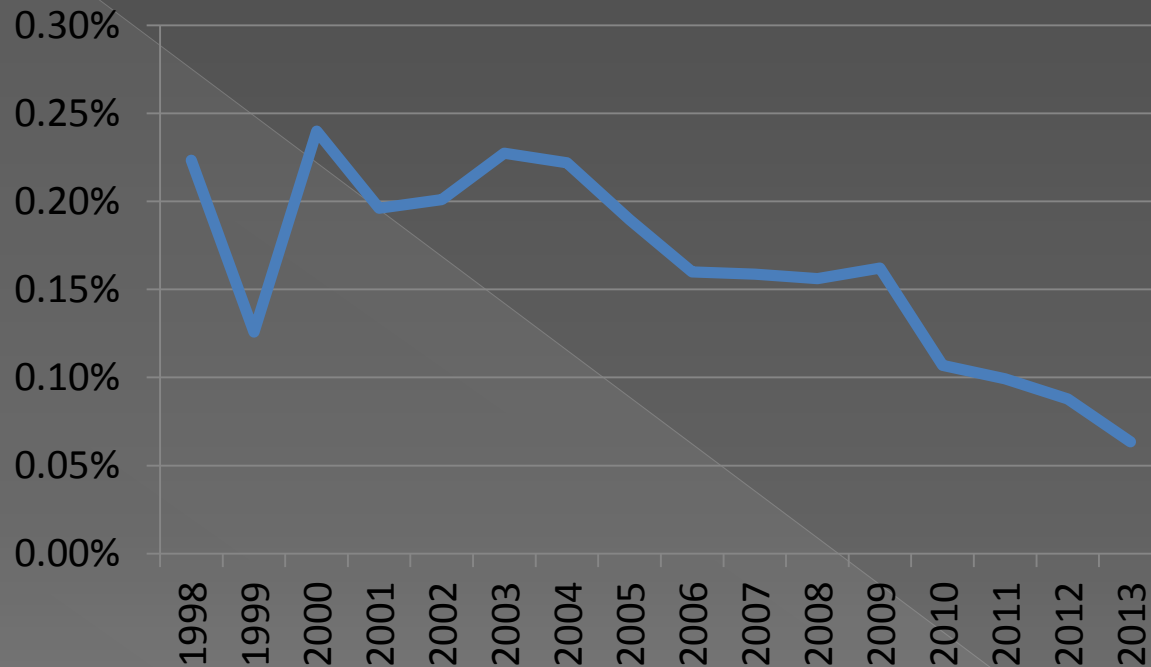
1995-2013



Source: Israel Central Bureau of Statistics

Since 1995 (80,400), annual Jewish births have increased by 65% (132,000). The secular sector (Aliya from USSR and Yuppies) **plays a key role. Ultra-Orthodox fertility down.** Since 1995 (36,500), annual Arab births have increased by 10%. In 1995 – 2.3 Jewish births per 1 Arab birth. **In 2013 – 3.3 Jewish births per 1 Arab birth.** 1995 Jewish births - 69% of total births. 2013 Jewish births – 77% of total births.

Rapidly Declining Arab Population Growth Rate in Pre '67 Israel



Paul Moreland, researcher, Birkbeck, University of London

End of Arab demographic momentum:

2000 – 0.24% growth (from 18.42% to 18.66%)

2013 – 0.06% growth (from 20.63% to 20.69%)

Jewish share of the population is expected to start growing in 2-3 years

Shimon Dubnov, the leading Jewish demographer/historian

(researched by Yakov Faitelson, expert on Jewish-Arab demography)

Public Letters on Ancient and Modern Judaism (1897-1907)

Sixth Letter (March 1898), <http://bit.ly/VuCPJE>

“Let’s examine the impact of new and detached dreams on the establishment of a political base for the Jewish People... (p. 161)

“[The Basel Zionist Congress] should not be driven by messianic means in Zion, but by a credible struggle for realistic Jewish interests in the Diaspora... (p. 165).

“Zionists hope to retrieve the lost [enlightened] son via a Jewish State in Palestine.... The establishment of a Zukunftstaat constitutes a nice dream – a messianic utopia... (p. 167).

“A sizeable Jewish population in Palestine is impossible, politically, socially and economically... (p. 169).

“Let us assume that the Zionist committees shall expedite their effort, and will manage to settle 1,000 settlers per year. Then in one hundred years [by 2000] the total in Palestine will reach 100,000. Let us multiply it by five – which would account for natural increase – then we shall get 500,000 Jews in Palestine in 100 years: slightly higher than the population of Kiev... (p. 171).

“Will that solve the problem of ten million Jews, who are scattered in the Diaspora...? How would you view such an original solution, which condemns a whole People to death on the altar of saving five percent of that People...? Therefore, political Zionism is utopian by three: the dream to establish a Jewish State supported by international law, the dream to achieve the migration of a substantial element of the Jewish People to that State, and the dream to solve the problem of the entire Jewish People through the establishment of a Jewish State... (p. 171).

“Political liberation in Palestine constitutes a beautiful messianic dream...” (p. 180)...

The 2013 demographic reality: 6.5 million Jews in Israel - a 66% majority in the combined area of Judea, Samaria and pre-1967 Israel, benefitting from a robust tailwind of fertility and migration.

Ben Gurion Declared Independence in Defiance of the Demographic Establishment

Prof. Roberto1Bacchi, Hebrew University, 1944, founder of Israel's Central Bureau of Statistics, guru of contemporary Israeli demographers and statisticians (1944, a six page demographic projection for the year 2001 prepared for Prime Minister Ben Gurion):

"Political conclusions from my research on Jewish and Arab demographic developments in the Land of Israel".

*According to the best case scenario, the Jewish fertility rate will be 3 births per woman and the Arab fertility rate will decline from 7 to 6 births per woman.

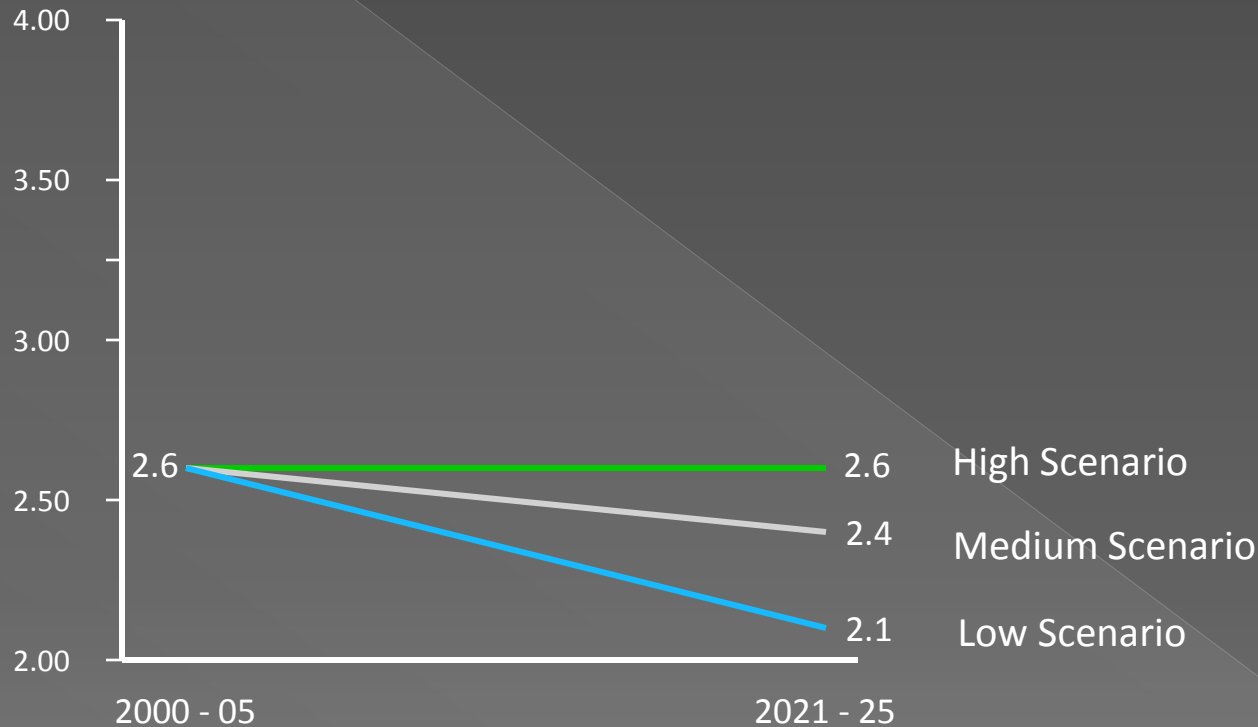
*According to the best case scenario, in 2001, there will be 2.3 million Jews and 4.4 million Arabs in the Land of Israel - a 34% Jewish minority.

Fertility Assumptions in ICBS Forecast for Israel: Jews

Israel's Official Forecast

(2000 - 2025)

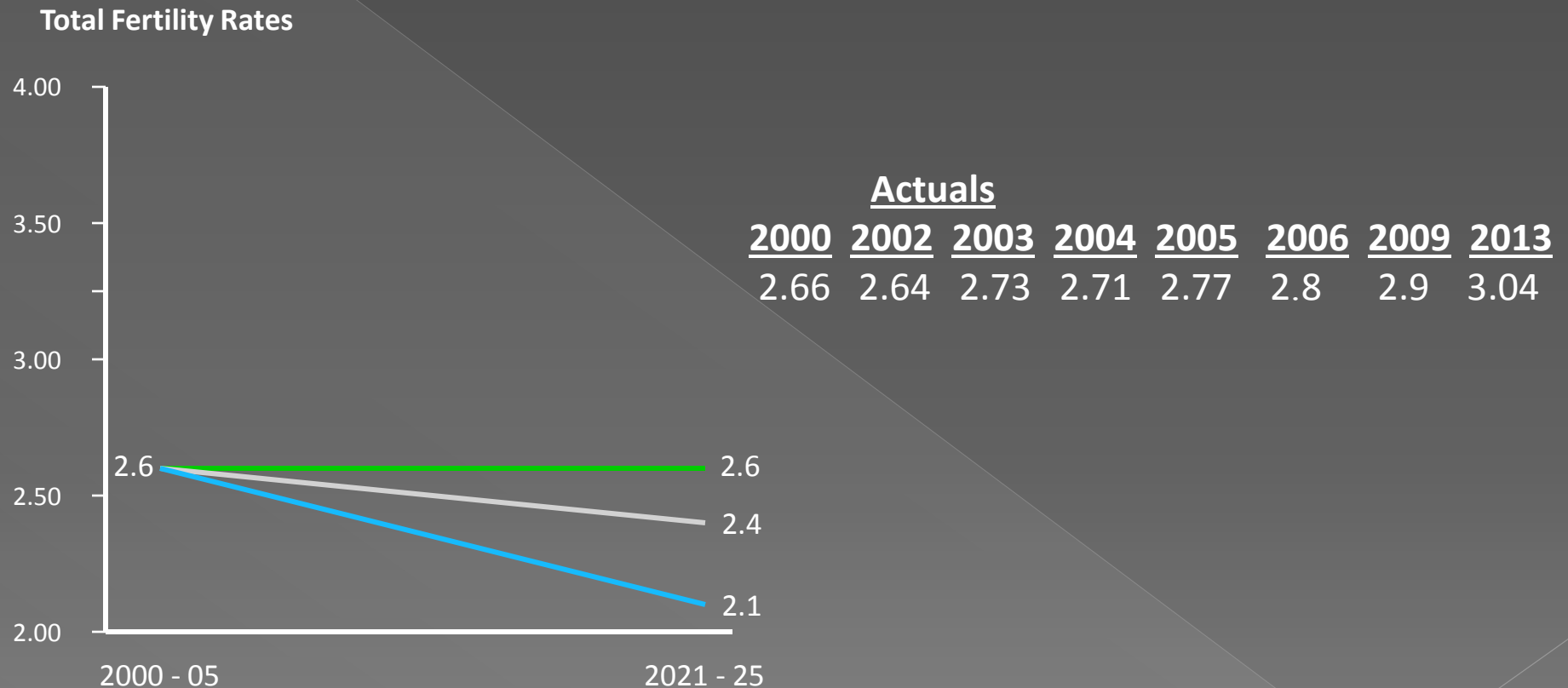
Total Fertility Rates



The ICBS assumed Jewish fertility rates (births expected per woman) would decrease from 2.6 in 2000 to 2.4 in 2025.

Net Immigration was expected to drop from 10,000/year to 7,000/year in the high case and 4,000/year to -2,000 emigration in the low case

Actual Fertility vs. Assumptions in ICBS Forecast for Israel: Jews (2000 - 2025)

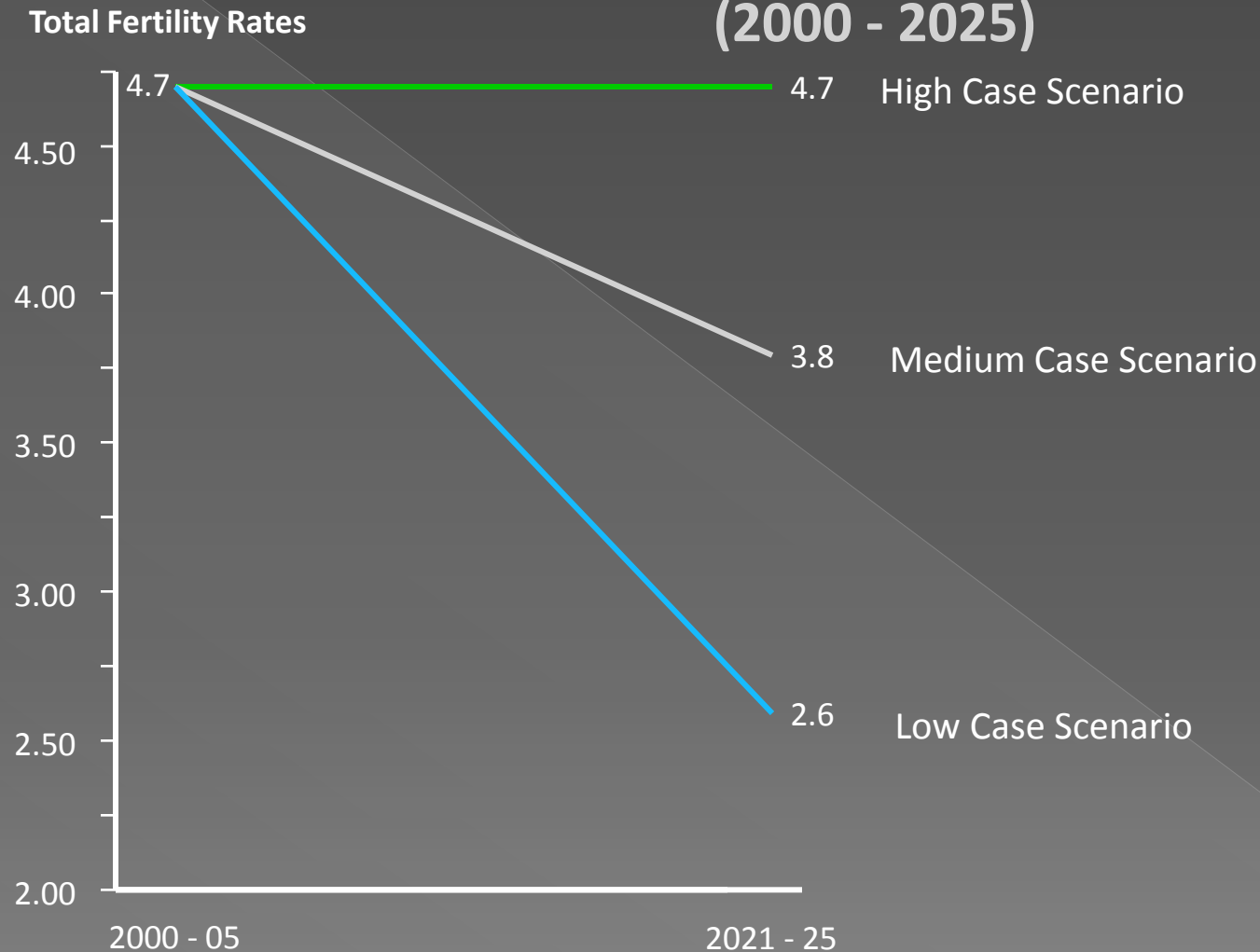


Actual fertility rates for the Jewish sector were higher - annually - than the highest rates considered by the ICBS in its forecast.

Fertility Assumptions in ICBS Forecast for Israel: Israel Moslems

Israel's Official Forecast

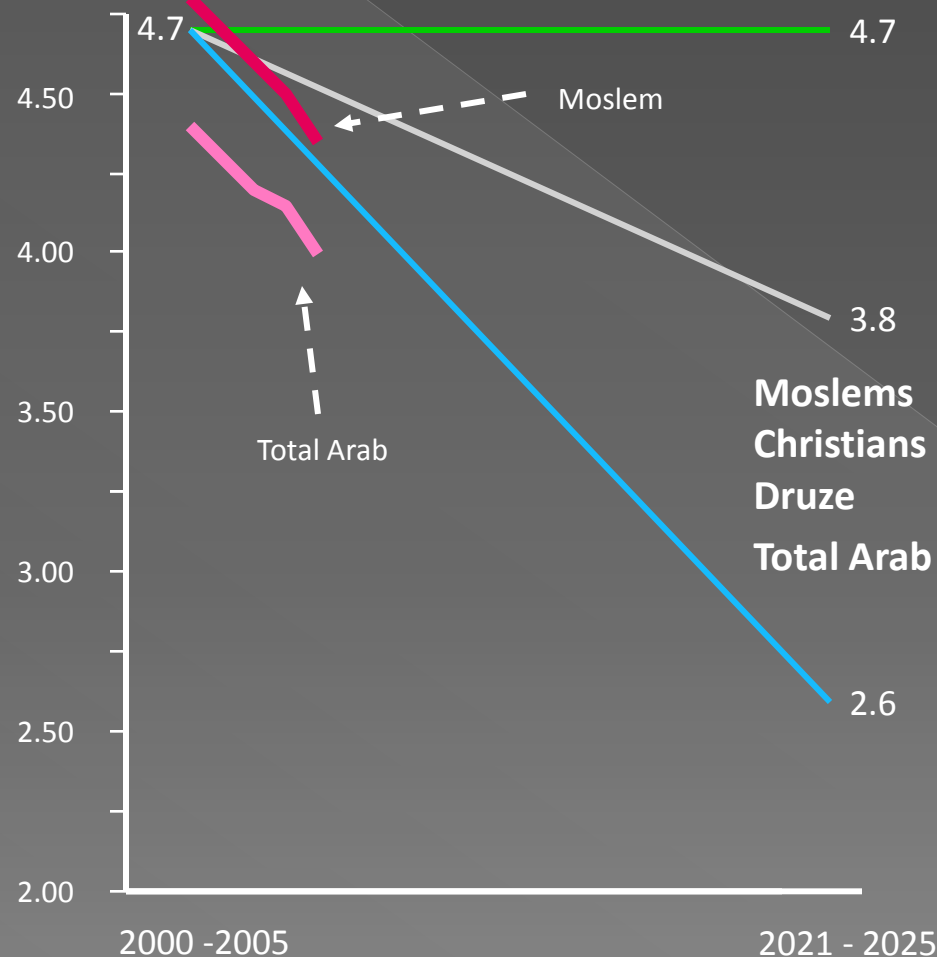
(2000 - 2025)



The ICBS assumed Moslem fertility rates (births expected per woman) would remain stable at 4.7 in the high case scenario and gradually drop to 2.6 in the low case scenario. No immigration or emigration scenarios were considered for the sector.

Actuals vs. Assumptions in ICBS Forecast for Israel: Israel Moslems (2000 - 2025)

Total Fertility Rates



Actuals

			<u>2000</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2013</u>
Moslems	1,090	83%	4.74	4.58	4.50				
Christians	116	9%	2.55	2.29	2.31				
Druze	112	8%	<u>3.07</u>	<u>2.77</u>	<u>2.85</u>				
Total Arab	1,318		4.40	4.22	4.17	3.99	3.72	3.68	3.4

Actual fertility rates for Moslems (especially) and for Arabs were decreasing 15 years faster than ICBS projections.

Dr. Nicholas Eberstadt, American Enterprise Institute

*“None of the Team members happen to be professional demographers, but **they caught the demographic profession asleep at the switch.** Serious internal inconsistencies are evident in the data and estimates on the current demographic situation in the PA areas and this report brilliantly reviews these. Further, the conclusions of this report are not only plausible but quite persuasive.*

*[The report] relies upon **rigorous logic and simple, but very powerful, arithmetic** This arithmetic offers internally consistent reconstructions of overall trends. The findings look not only defensible, but really quite robust. This study should be carefully read by professional demographers and I hope it will impel, also, international statistical organizations to look at the PA demographic situation a little bit more carefully.”*

West Bank & Gaza Education Sector Analysis

The World Bank, September 7, 2006

<http://siteresources.worldbank.org/INTWESTBANKGAZA/Resources/EducationSectorAnalysisSept06.pdf>

- ❑ The enrollment rate for grade 1 is almost 100%.
- ❑ **PCBS projected a 24% increase** in age 6 during 1999-2005 (almost 4% population growth rate expected).
- ❑ The actual enrollment to 1 grade **decreased by 8%** (page 8).
- ❑ 32% gap cause: fertility decline and emigration increase.
- ❑ Higher education enrollment doubled during last decade. 44% of 18-21 age group were in full-time education in 2004. Similar enrolment by refugees and non-refugees.
- ❑ 22% of 25-29 year old women have post-primary education, compared with 10% among 45-49 year old women.