

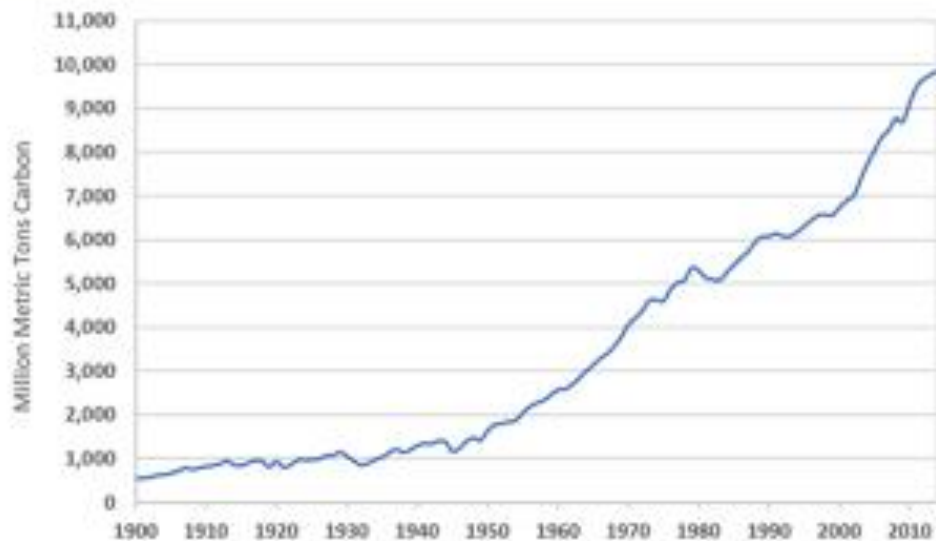
Glaring Emissions:

Ignoring Population Growth as Our Planet Sizzles



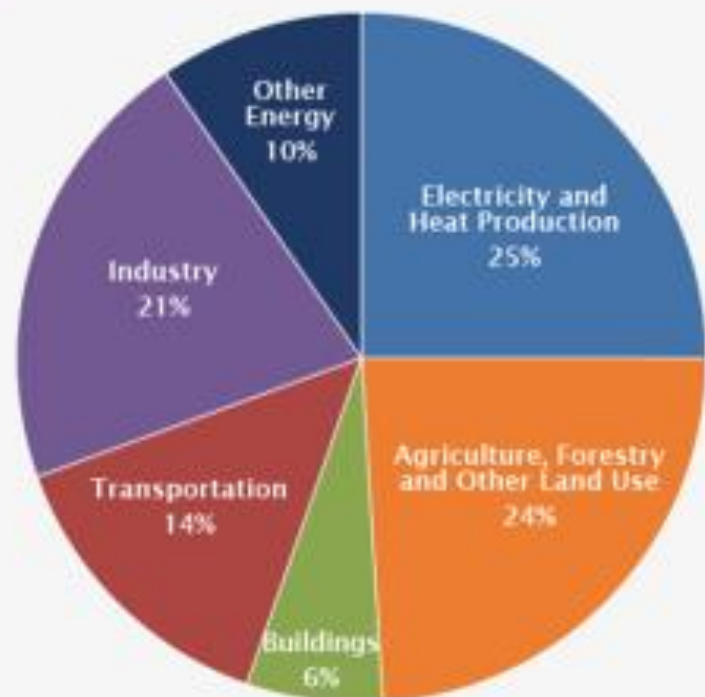


Global Carbon Emissions from Fossil Fuels, 1900-2014



Source: Boden, T.A., Marland, G., and Andres, R.J. (2017). *Global, Regional, and National Fossil-Fuel CO₂ Emissions*.

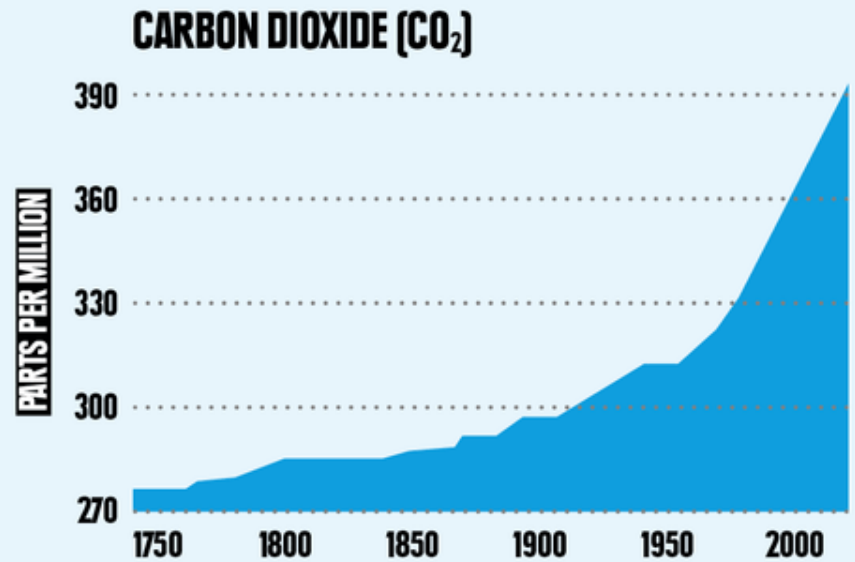
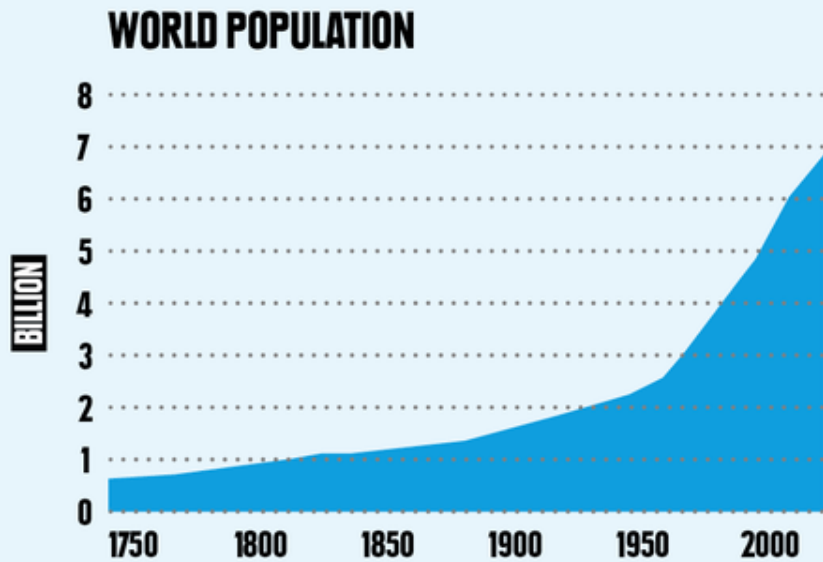
Global Greenhouse Gas Emissions by Economic Sector



Source: IPCC 2014



POPULATION AND CO₂ EMISSIONS, 1750-2015

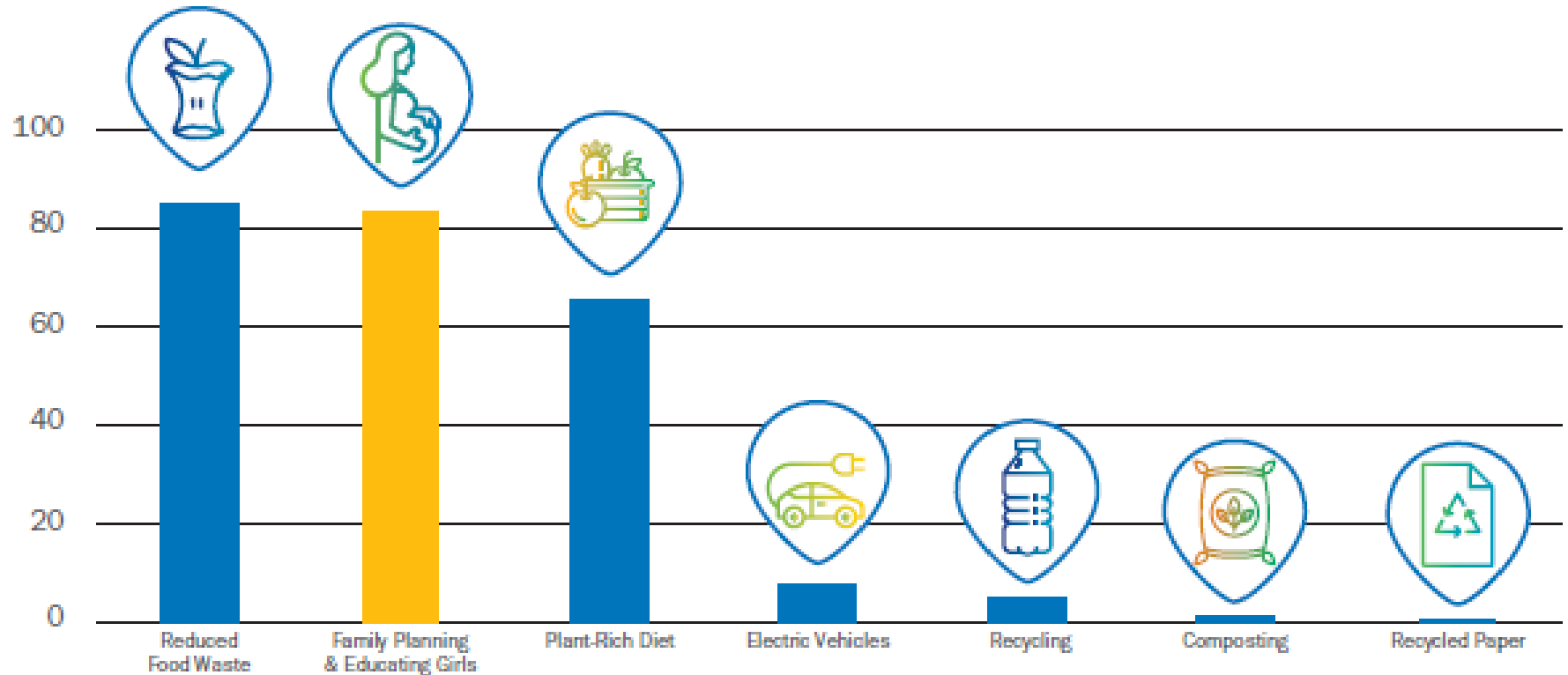


Source: United Nations, 2017



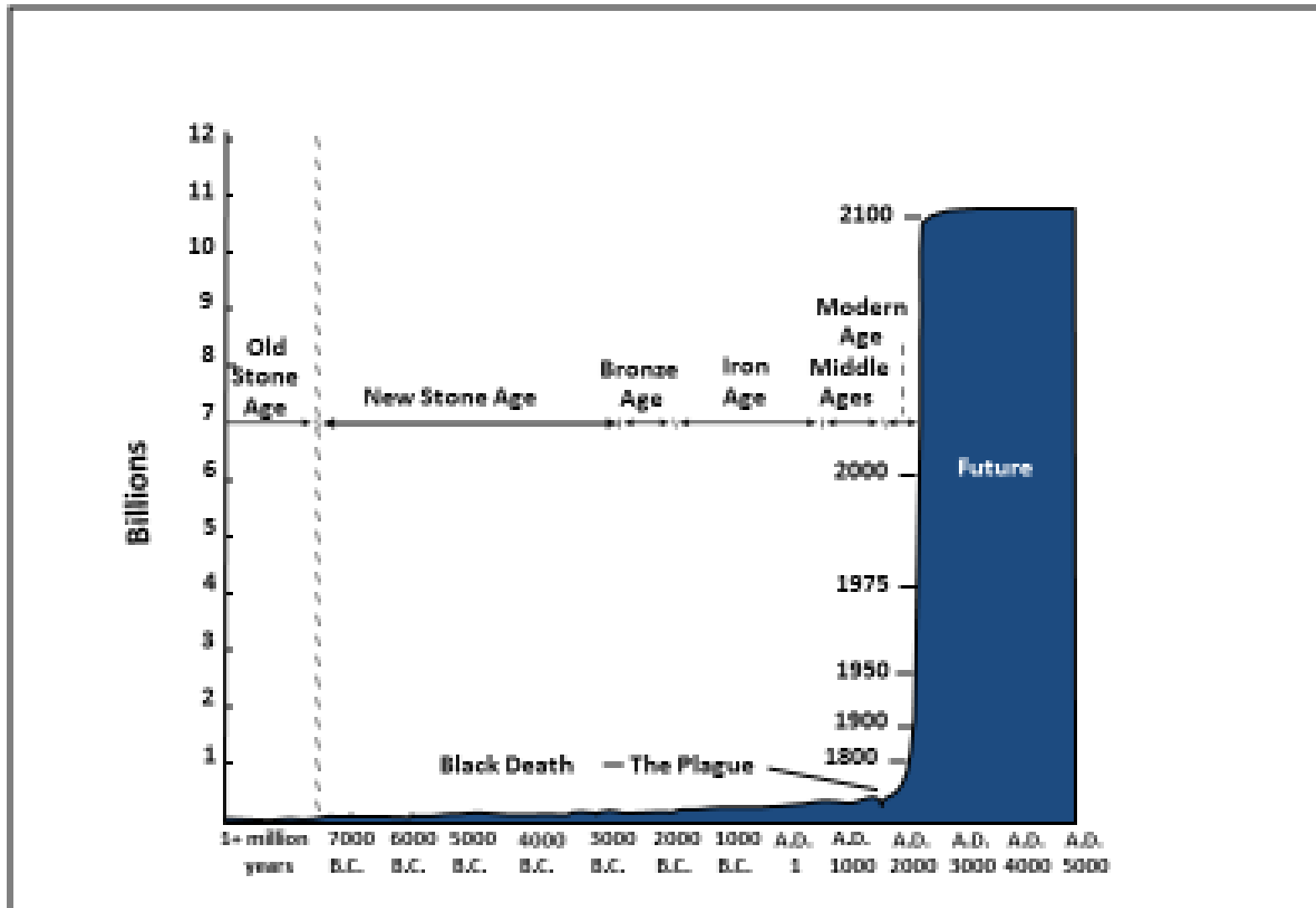
The Best Kept Climate Change Secret

How many gigatons of CO₂ could each of these save through 2050?



Credit: Project Drawdown
ICONS MADE BY FREEPIK FROM FLATICON.COM

World Population Growth Through History



Source: Population Reference Bureau; and United Nations, *World Population Projections to 2100* (1998).



Bennett Chattanooga Times Free Press

©Clay Bennett.

The modern plague of overpopulation is soluble by means we have discovered and with resources we possess.

What is lacking is not sufficient knowledge of the solution but universal consciousness of the gravity of the problem and education of the billions who are its victims.



Dr. Leticia Adelaide Appiah
Executive Director, National Population Council, Ghana

Over population is an undesirable condition where numbers of existing human population exceed the carrying capacity of the earth.



Climate Change = Climate Chaos



NOW.. FOR RELIGIOUS AND POLITICAL REASONS, LET'S PRETEND NONE OF THESE ARE RELATED TO OVER-POPULATION...

WELCOME CONVENTIONAL WISDOM



CLAP-CLAP! CLAP-CLAP! CLAP-CLAP!

CLAP-CLAP!

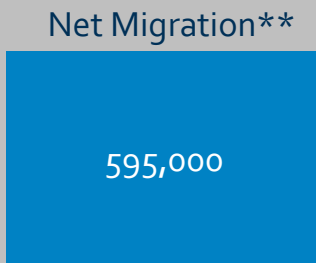
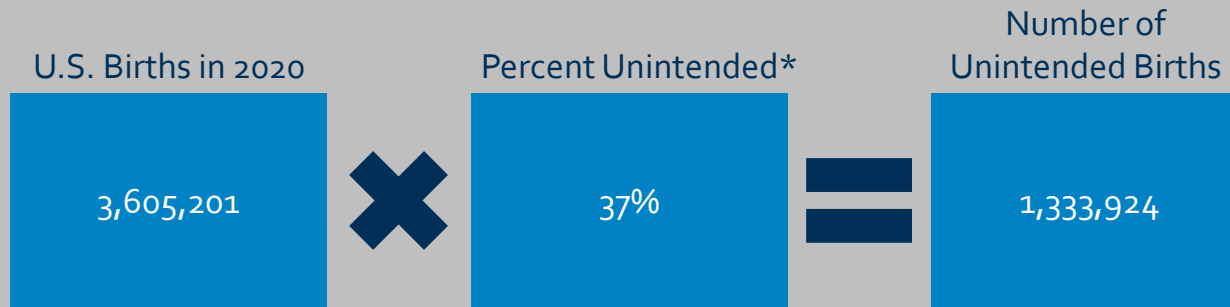
CLAP-CLAP

8/6/8 KEYINGTON WRAID-ESQER

Joel Pett

Who is Responsible for Higher Greenhouse Gas Emissions?






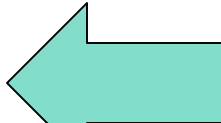
Unintended births in the U.S. outweigh immigration by a factor of 2.2

* CDC, 2012

** 2019; immigration data for 2020 isn't yet available



Typical number of pregnancies for 10,000 American women for one year:

• No Method.....	• 8,500	
• Male Condoms.....	• 1,800	
• Pills.....	• 900	
• Pills + Condoms.....	• 170	
• Implants.....	• 5	
• IUD.....	• 20	
• Tubal ligation (female sterilization).....	• 50	
• Vasectomy (male sterilization)....	• 15	

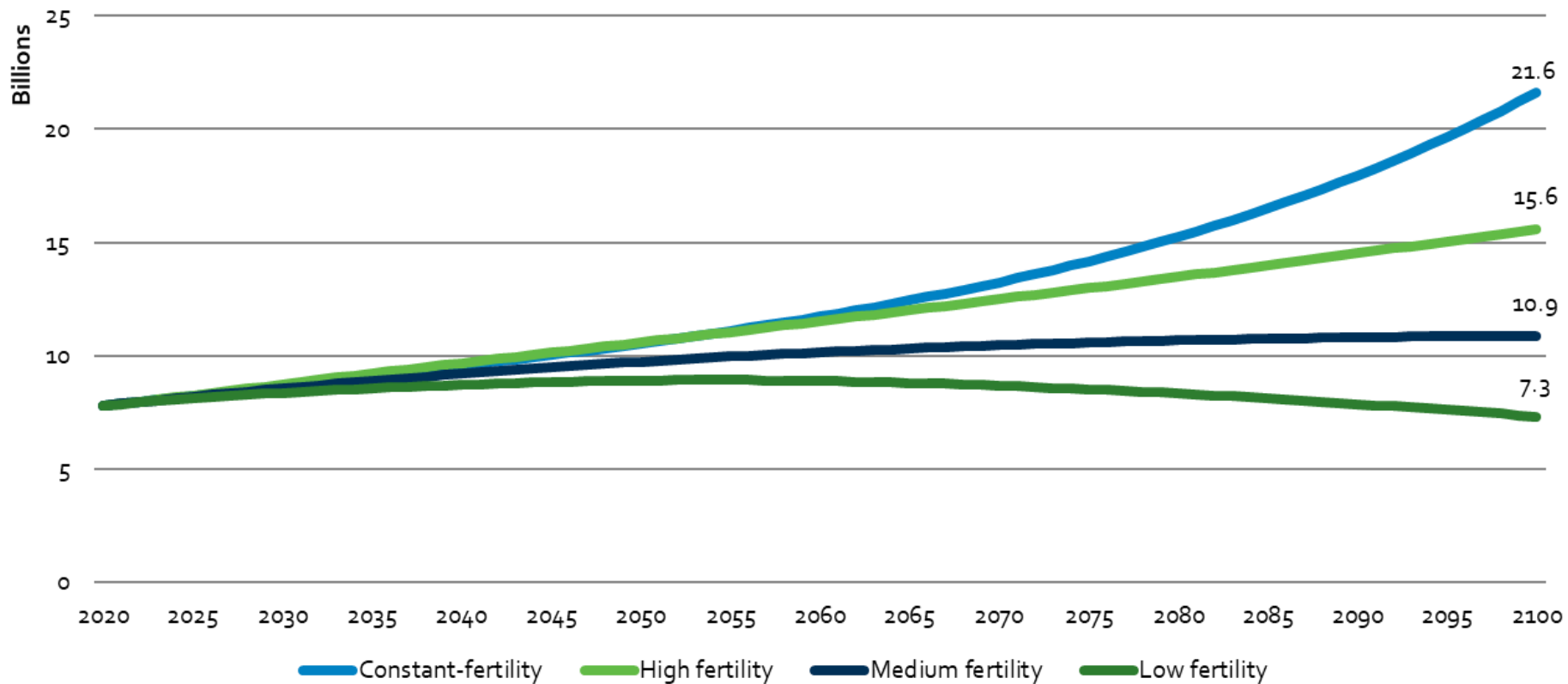


MALE BIRTH CONTROL

FAST, CHEAP AND AFFECTIVE!!!

(Side effects include: soreness upon standing, trouble passing urine, pain during intercourse, stiff walking, redness, erectial discomfort, unpleasant tingling, trauma, numbness, and loss of sanity)

World Population Projections, 2020–2100



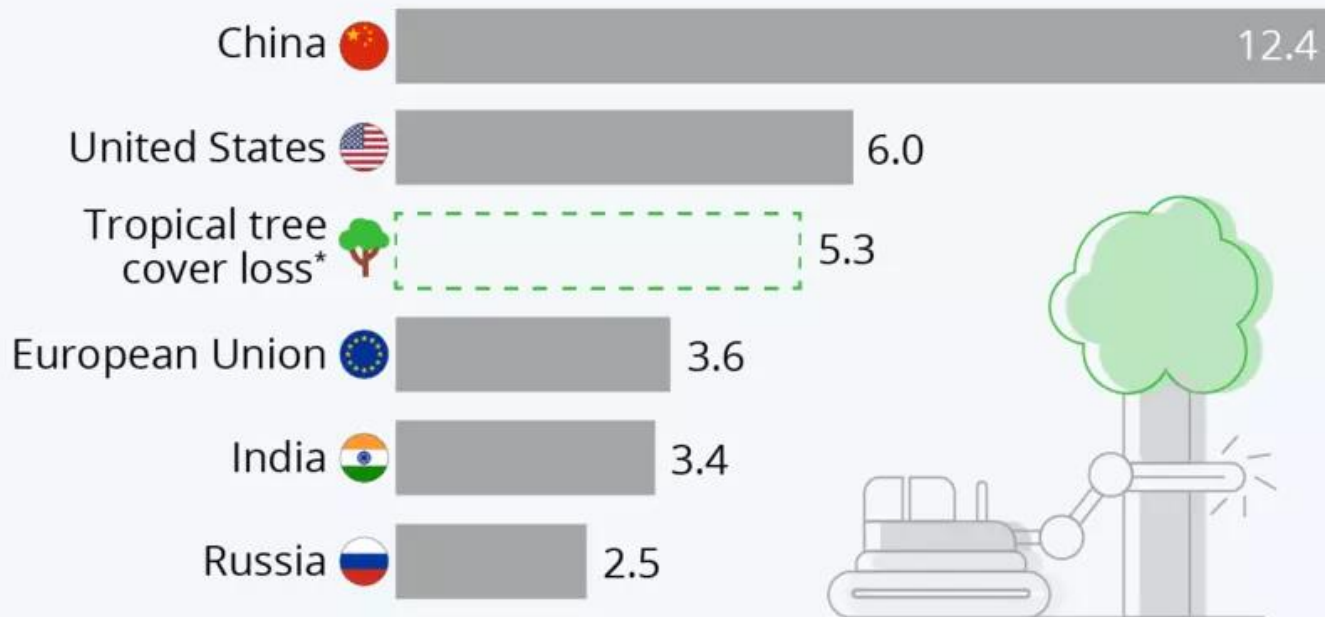
If Africa's tropical regions were a country,
it would be the second largest emitter of
CO₂ in the world



Source: Nature Communications

The Huge Carbon Footprint of Tropical Deforestation

Estimated annual CO₂ equivalent emissions (in Gt/year)



* Gross emissions from deforestation and other disturbances. Country data (2018) excludes the effects of land-use change and forestry. Tree cover figure is the average from 2001 to 2019.

Sources: World Resources Institute, Global Forest Watch



Mohammed Umar's first wife, Mainuna Shuaibu, left, who married the impoverished bricklayer when she was 14, and Maryam Adam, who became his second wife when she was 15, and two of their children at their home in Kano, Nigeria.



Projected population increase from 2019-2100 in the 10 most climate change-threatened countries

increase from 2019

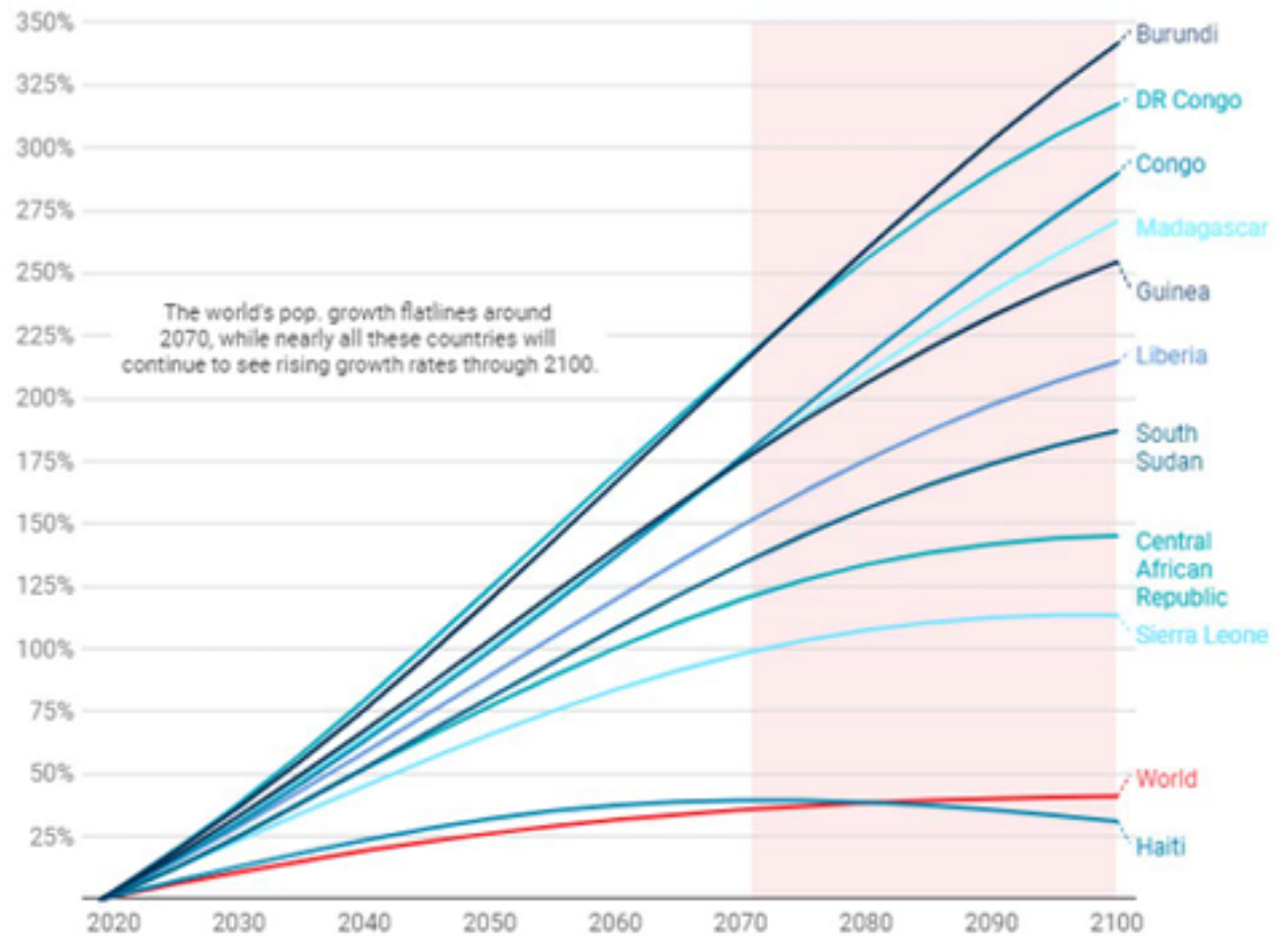
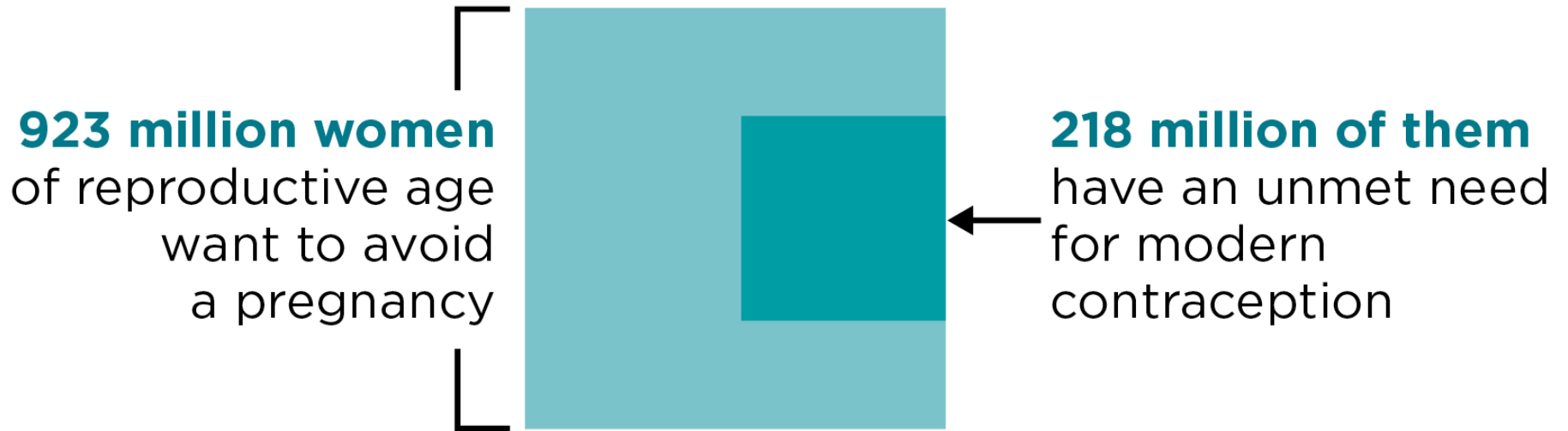


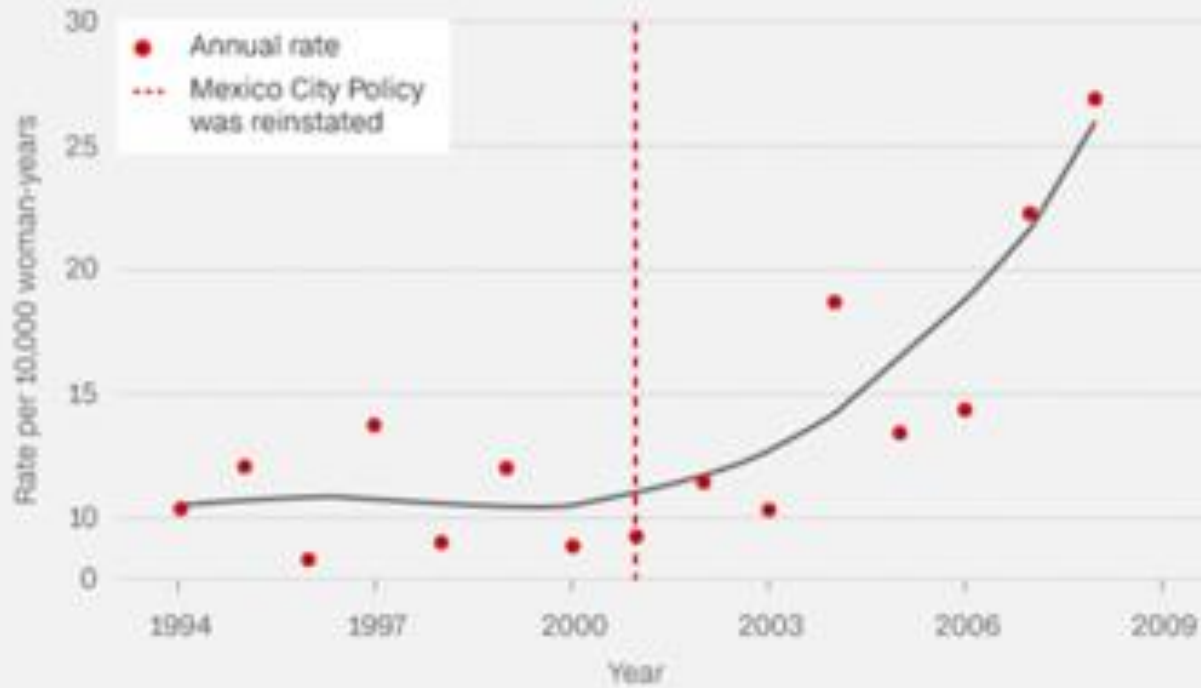
Chart: Elijah Wolfson for TIME · [Get the data](#) · Created with [Datawrapper](#)

Expanded services are needed to fulfill unmet needs in LMICs



IMPACT OF GLOBAL GAG RULE

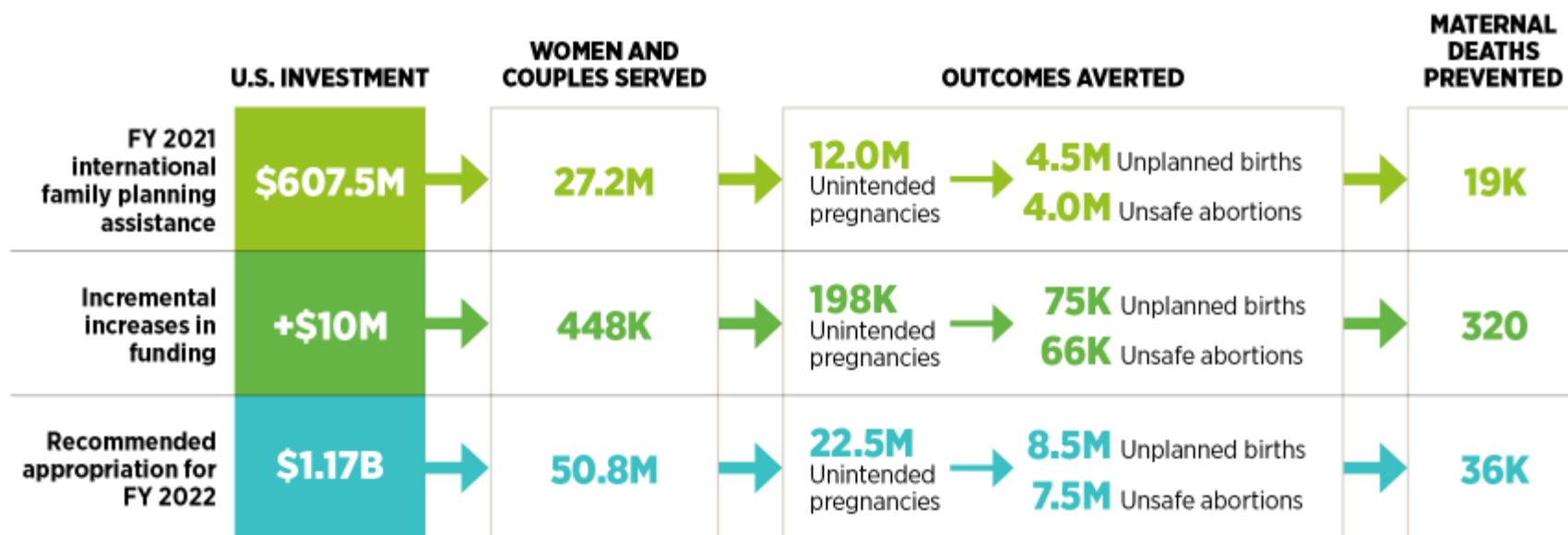
Abortion rate in sub-Saharan African countries



Source: WHO



Unintended pregnancies and maternal deaths averted by current and increased U.S. investment in international family planning



Notes: Impacts estimated using 2019 and 2020 data. M=million. K=thousand. B=billion.

THE FIRST EARTH DAY WAS IN 1970...



...THERE WERE 3.7 BILLION HUMANS



NOW THERE ARE 7 BILLION, ON THE WAY TO 10 OR MORE...



...MOST FROM POOR COUNTRIES...



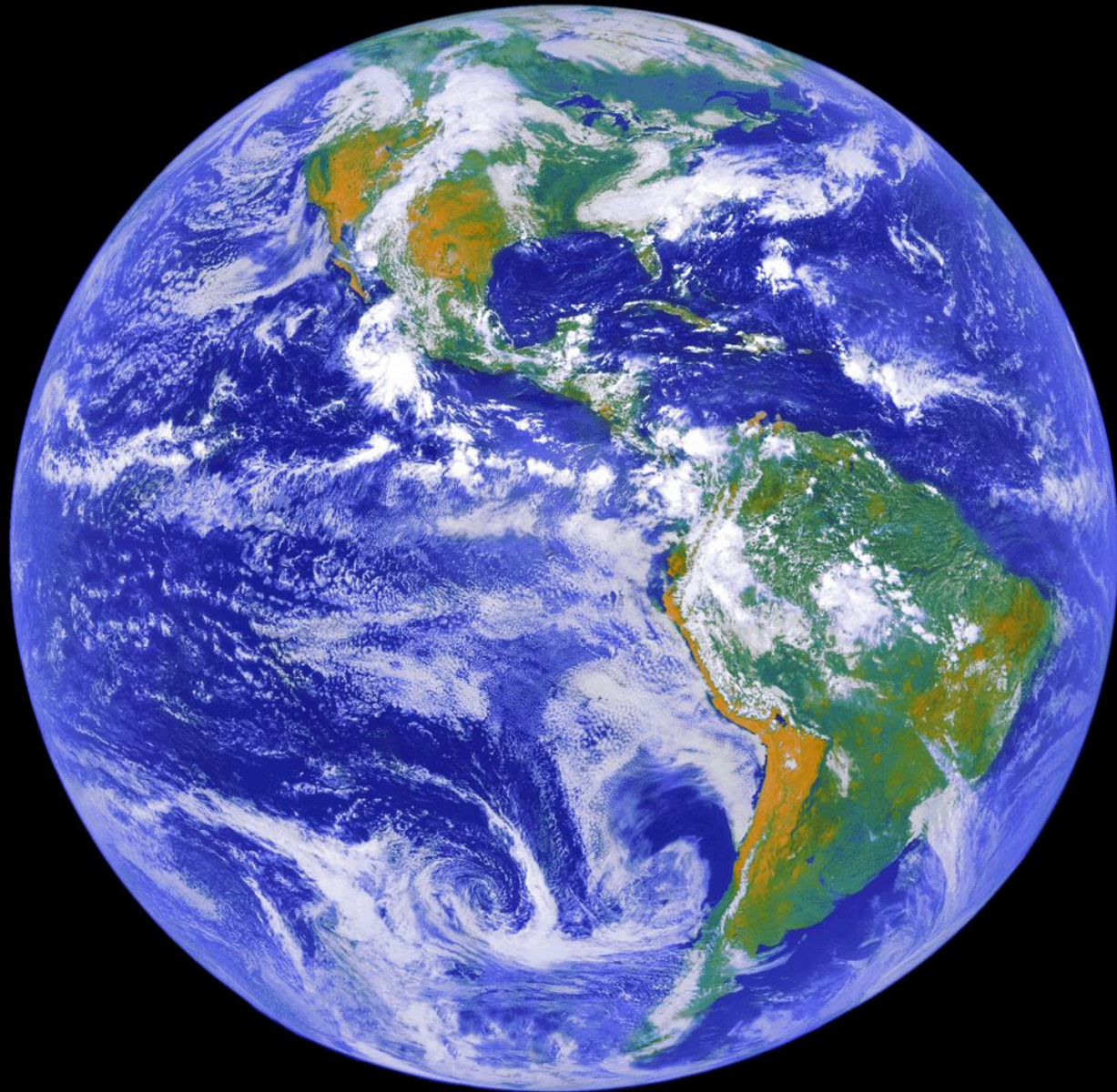
...WHO WILL WANT TO CONSUME LIKE US!



ON THE BRIGHT SIDE, THIS IS ON RECYCLED PAPER...



How Many People Can the Earth Support?



2 Billion of US



40 Billion if We All Lived Like This



