

2022 UPDATE 

FAMILY PLANNING | REPRODUCTIVE HEALTH

IMPACT BRIEF: ZAMBIA



Saving Lives and Improving Health Outcomes in Zambia through Increased Access to Contraceptives

Access to voluntary family planning and reproductive health (FP/RH) services is vital for safe motherhood and healthy families. Having a choice of modern contraceptives allows couples to plan and space births, ensuring families have the means to properly care for their children. USAID ensures an uninterrupted supply of quality FP/RH commodities worldwide through the USAID Global Health Supply Chain Program-Procurement and Supply Management (GHSC-PSM) project.¹

Zambia has a population of 19.5 million.² In 2022, approximately 20.1 percent of married Zambian women had an unmet need for FP - meaning they wanted to avoid pregnancy but were not using a modern method of birth control.³

The average woman in Zambia gives birth to 4.4 children in her lifetime.⁴ In terms of maternal mortality, Zambia has a ratio of 213 per 100,000 live births, compared to 542 for sub-Saharan Africa, on average.⁵ The child mortality rate in Zambia is 61 deaths among children under 5 per 1,000 live births, compared to 74 in the sub-Saharan region.⁶

The Government of Zambia is collaborating with USAID and other partners to address the country's maternal and child health needs. This includes increasing investment in FP/RH to reach a projected modern contraceptive prevalence rate of 50.9 percent among married women aged 15 to 49 by 2022.⁷



Photo credit: GHSC-PSM

ESTIMATED HEALTH IMPACTS FROM USAID PROCUREMENT INVESTMENTS



897K
unintended pregnancies
PREVENTED



264K
abortions
AVERTED



1K
maternal deaths
AVERTED



22K
child deaths
AVERTED



\$69M
in direct healthcare spending
SAVED

¹ Unless otherwise noted, all figures reported in this brief are over the life of the GHSC-PSM project and do not reflect USAID's contraceptive investment prior to FY 2017. The figures reflect delivered commodities, not shipped commodities, and may not be comparable to figures reported in previous materials.

² World Bank. Population, total, Zambia (2021). <https://data.worldbank.org/indicator/SPPOP.TOTL?locations=ZM> Accessed December 26, 2022.

³ Family Planning 2030 Indicator Summary Sheet: Zambia 2022 Measurement Report. https://www.track20.org/pages/participating_countries/countries_country_page.php?code=ZM Accessed December 26, 2022.

⁴ World Bank. Fertility rate, total (births per woman), Zambia (2020). <https://data.worldbank.org/>

[indicator/SPDYN.TFRT.IN?locations=ZM](https://data.worldbank.org/indicator/SPDYN.TFRT.IN?locations=ZM) Accessed December 26, 2022.

⁵ World Health Organization (2019). Trends in maternal mortality 2000 to 2017: estimates by WHO, UNICEF, UNFPA, World Bank Group and the United Nations Population Division: executive summary. <https://apps.who.int/iris/handle/10665/327596> Accessed December 23, 2022.

⁶ United Nations Inter-agency Group for Child Mortality Estimation (UN IGME). 'Levels & Trends in Child Mortality: Report 2021'. <https://www.who.int/publications/m/item/levels-and-trends-in-child-mortality-report-2021> Accessed December 23, 2022.

⁷ Family Planning 2030. Country Fact Sheet-2022 (Zambia). https://www.track20.org/pages/participating_countries/countries_country_page.php?code=ZM Accessed December 23, 2022.

USAID Contraceptive Investment

In partnership with the Government of Zambia and other in-country stakeholders, USAID has supported the procurement and distribution of approximately 20 million FP/RH products to USAID-supported health facilities and organizations in Zambia from FY 2017-2022. The contraceptives, when combined with proper counseling and correct use, are estimated to provide approximately 2.3 million couple years protection⁸ and to help prevent:

- 897,000 unintended pregnancies
- 1,000 maternal deaths
- 264,000 abortions
- 22,000 child deaths⁹

These investments in contraceptives have the potential of saving approximately **\$69 million** in direct spending on healthcare¹⁰—resources that can be reinvested in Zambia’s health system.

Through its investments in contraceptives and supply chains, USAID and other global and in-country partners are helping Zambia meet its people’s FP/RH needs. Countries that partner with USAID to invest in FP/RH can achieve greater self-reliance by improving their overall health systems and empowering families to plan for their futures.

Methodology

To measure the impact of FP/RH programs, the indicators presented in this brief were calculated using the Impact 2 model¹¹, a socio-demographic mathematical model, using procurement data from the GHSC-PSM project database¹².

The FP/RH impact indicators, as reported in this brief, estimate the demographic, health, and economic impact of USAID’s support of contraceptives to Zambia’s health programs.

For more information, please contact PSMMonitoringandEval@ghsc-psm.org.

⁸ CYP is the estimated protection provide by contraceptive methods during a one-year period, based upon the volume of all contraceptives sold or distributed free of charge to clients during that period. <https://www.usaid.gov/global-health/health-areas/family-planning/couple-years-protection-cyp>

⁹ This indicator only estimates reduction in deaths as a result of improved birth spacing. The data linking the contraceptive prevalence rate, birth spacing and child mortality is currently limited.

¹⁰ The figures are not adjusted for inflation and based on the costs of services from 2011.

¹¹ <https://www.maristopes.org/what-we-do/our-approach/our-technical-expertise/impact-2/>, Accessed November 30, 2022. The number of preventable deaths, abortions and unintended pregnancies averted is calculated by entering into the model the number of FP/RH commodities delivered by GHSC-PSM across a selected time period.

¹² GHSC-PSM’s Automated Requisition Tracking Management Information System (ARTMIS) is used to enter, manage, process and track orders throughout the supply chain.

¹³ Units of measurement for contraceptives: combined oral (cycle); implantable (implant); standard days (piece); injectable (device); condoms (piece); progestin only pills (cycle); copper-bearing intra-uterine (device); emergency oral (package)



Last mile deliveries of medical supplies from Nalolo District Health Office to Nakatwelenge Health Post in Nalolo District. Photo credit: Evaristo Chola

“We were able to increase the number of FP days to three per week, from morning to afternoon, unlike in the past where we used to do it only once per week, and only in the morning. This has helped us a lot because we were able to attend to marketeers and other women’s groups who used to have challenges in accessing FP services previously when it was only in the mornings.”

–Nurse Nasilele Kalima, FP provider

CONTRACEPTIVE METHODS ¹³	TOTAL PRODUCTS DELIVERED FY 2017-2022*
 Combined oral contraceptives	11.5M
 Emergency oral contraceptives	252K
 Progestin only pills	313K
 Implantable contraceptives	181K
 Injectable contraceptives	4.3M
 Male condoms	3M
 Female condoms	310K
TOTAL NUMBER OF CONTRACEPTIVES DELIVERED	19.9M
TOTAL VALUE OF COMMODITIES	\$8.8M*

*This figure represents solely the calculation of the value of commodities and does not include shipment or other associated costs.

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