

Adolescent contraceptive use

DATA FROM L'ENQUÊTE DÉMOGRAPHIQUE ET DE SANTÉ DE MADAGASCAR (EDSMD), 2008-09

Adolescent population: who are they?

In the Republic of Madagascar, there are **5.7 million** adolescents aged 10–19 years – **23.6%** of the country's total population.ⁱ Most adolescents live in rural areas, **63.4%** of adolescent girls and **65.2%** of adolescent boys.ⁱ

By age 19, the mean number of years of schooling attended by adolescent girls is **5.0**, while for adolescent boys it is **5.2**.ⁱⁱ Among adolescents who become parents before age 20, the average age at which Malagasy adolescent girls have their first baby is **16.7** years, while the average age at which adolescent boys first become fathers is **17.7**.ⁱⁱ

Sexual activity and marital status

Analysis of data from the EDSMDⁱⁱ shows that more than **1.3 million** Malagasy adolescents aged 15–19 are currently sexually active – they are either unmarried and have had sex in the last three months or they are in a union (i.e. married or living together). On average, among adolescents who had sex before age 20, adolescent girls first have sexual intercourse at age **16.0** years and adolescent boys at **16.5** years.

Among unmarried adolescents, **31.4%** of adolescent girls report ever having sex and **18.1%** are currently sexually active; among adolescent boys, **42.8%** report ever having sex, while **35.4%** are currently sexually active.

Among all Malagasy adolescents, **33.7%** of adolescent girls and **11.4%** of adolescent boys are in a union. Among these adolescents, the mean age of the first union is **16.2** years for adolescent girls and **16.5** for adolescent boys.

What can be done to support Malagasy adolescents to prevent unintended pregnancy?

Plan for how, when and where different groups of sexually active adolescents (married and unmarried, boys and girls, rural and urban) use and do not use contraception.

Learn the reasons why adolescents are not using contraception, and develop policies and programmes to better address their needs.

Understand that adolescents may get contraception from a variety of sources and ensure that each of these sources can provide high quality services for adolescents.

Contraceptive use and non-use among adolescent girls

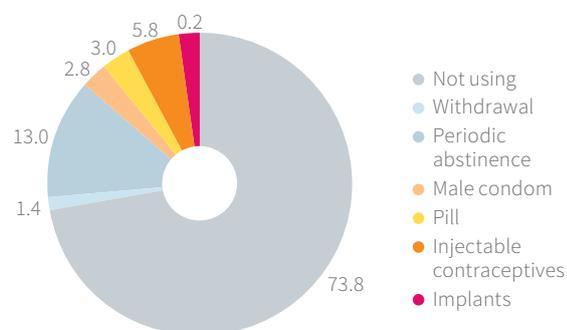
Unmarried, sexually active

According to EDSMDⁱⁱ analyses, **65.7%** of unmarried, sexually active adolescent girls report not wanting a child in the next two years, yet only **30.8%** of them are currently using any method to prevent pregnancy. The main reasons these adolescents report for not using a contraceptive method include:

- **not married (43.1%)**
- **infrequent sex (23.9%)**
- **fear of side-effects or health concerns (12.4%)**

Among all unmarried, sexually active adolescent girls aged 15–19, **73.8%** are not using a method of contraception. Injectable contraceptives and pills are the most common modern methods used (**5.8%** and **3.0%** of these adolescent girls, respectively). Traditional methods (withdrawal or periodic abstinence) are used by **14.4%** of these adolescent girls (see Figure 1).

FIGURE 1. Use and non-use of contraception: unmarried sexually active adolescent girls, aged 15–19 years (%)



Source: analysis of EDSMD 2008–09ⁱ

LISTED FROM LEAST EFFECTIVE TO MOST EFFECTIVE

Unmarried, sexually active adolescents who are using a modern method most often get it from a **government facility (61.6%)** or a **shop (11.0%)**.

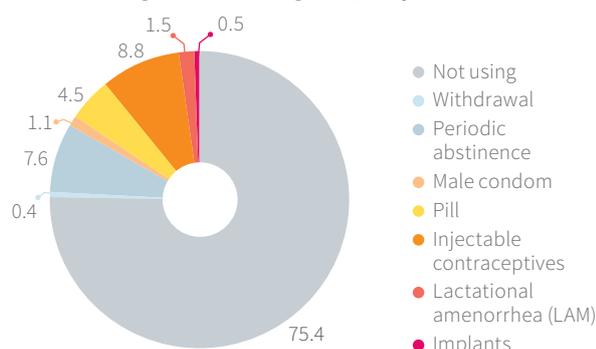
In union

According to EDSMDⁱⁱ analyses, **55.4%** of adolescent girls in a union report not wanting a child in the next two years, yet only **29.2%** of them are currently using any method to prevent pregnancy. The main reasons these adolescents report for not using a contraceptive method include:

- **fear of side-effects or health concerns (20.1%)**
- **menses has not returned after giving birth (16.5%)**
- **breastfeeding (15.3%)**

Among all adolescent girls in a union aged 15–19, **75.4%** are not using a method of contraception. Injectable contraceptives and pills are the most common modern methods used (**8.8%** and **4.5%** of these adolescent girls, respectively). Traditional methods (withdrawal or periodic abstinence) are used by **8.0%** (see Figure 2).

FIGURE 2. Use and non-use of contraception: adolescent girls in union, aged 15–19 years (%)



Source: analysis of EDSMD 2008–09ⁱ

LISTED FROM LEAST EFFECTIVE TO MOST EFFECTIVE

Adolescents in a union who are using a modern method most often get it from a **government facility (71.1%)** or a **private facility (13.3%)**.

LEARN MORE AT who.int/reproductivehealth/adol-contraceptive-use

ⁱ Urban and rural population by age and sex, 1980–2015 [online database]. New York (USA): United Nations Department of Economic and Social Affairs, Population Division; 2014 (<https://esa.un.org/unpd/popdev/urpas/urpas2014.aspx>, accessed 4 November 2016).

ⁱⁱ Institut National de la Statistique (INSTAT) and ICF Macro. Enquête Démographique et de Santé de Madagascar 2008–2009 [Datasets].

MDIR51.DTA and MDMR51.DTA. Calverton (MD): ICF International; 2010 (http://dhsprogram.com/data/dataset/Madagascar_Standard-DHS_2008.cfm?flag=0, accessed 4 November 2016).

Adolescent contraceptive use

ANALYSIS OF L'ENQUÊTE DÉMOGRAPHIQUE ET DE SANTÉ DE MADAGASCAR, 2008-09



Among adolescents who had sex before age 20, the average age at first sex is



16.0 years
for adolescent girls



16.5 years
for adolescent boys

REPUBLIC OF MADAGASCAR



5.7

million
adolescents
ages 10-19

Among adolescents who become parents before age 20, the average age at first birth is

16.7

for adolescent girls

17.7

for adolescent boys

What can be done to support Malagasy adolescents to prevent unintended pregnancy?

Plan for how, when, and where different groups of adolescents use or don't use contraception.

Use and non-use of contraception adolescent girls, aged 15-19

Method	Sexually active, unmarried	In union
Not using	73.8%	75.4%
Withdrawal	1.4%	0.4%
Periodic abstinence	13.0%	7.6%
Male condom	2.8%	1.1%
Pill	3.0%	4.5%
Injectable contraceptives	5.8%	8.8%
Lactational amenorrhea (LAM)	--	1.5%
Implants	0.2%	0.5%

Learn the reasons why adolescents are not using contraception.

Report not wanting a child in the next two years

65.7%
sexually active, unmarried adolescent girls

55.4%
adolescent girls in union

Main reasons for not using contraception

Sexually active, unmarried	In union
43.1% not married	20.1% fear of side-effects or health concerns
23.9% infrequent sex	16.5% menses has not returned after giving birth
12.4% fear of side-effects or health concerns	15.3% breastfeeding

Understand that adolescents may get modern contraception from a variety of sources.



Sexually active, unmarried

61.6%

from a government facility

11.0%

from a shop



In union

71.1%

from a government facility

13.3%

from a private facility

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Institut National de la Statistique (INSTAT) and ICF Macro. Enquête Démographique et de Santé de Madagascar 2008-2009 [Datasets]. MDIR51.DTA and MDMR51.DTA. Calverton (MD): ICF International; 2010 (http://dhsprogram.com/data/dataset/Madagascar_Standard-DHS_2008.cfm?flag=0, accessed 4 November 2016).
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METHODS:

-  Not using
-  Withdrawal
-  Periodic abstinence
-  Rhythm/calendar
-  Female condom
-  Male condom
-  Standard days/cycle beads
-  Pill
-  Injectable contraceptives
-  Lactational amenorrhea (LAM)
-  Implants
-  IUD
-  Male sterilization
-  Female sterilization

REASONS FOR NON-USE:

-  Not married
-  Not having sex
-  Infrequent sex
-  Menses has not returned after birth
-  Breastfeeding
-  Fatalistic (up to god)
-  She is opposed
-  Husband/partner is opposed
-  Religious prohibition
-  Knows no method
-  Knows no source
-  Fear of side effects/health concerns
-  Inconvenient to use
-  Others opposed
-  Lack of access/too far

SOURCE OF METHOD:

-  Government facility
-  Private facility
-  Pharmacy
-  Shop
-  Friends or parents
-  Other
-  Community Health Worker