

Following are the slides used at the YAFS5 Research Communication and Strategic Planning organized by the Department of Health held on 17-20 October 2023 at the Country Chateau Hotel, Tagaytay City and is made available for educational and informational purposes. The results presented are preliminary and may change as the final monograph report is being prepared. The public is encouraged to refer to the latest documents made available through the Institute's website.

These slides have been updated from an earlier version.

Page	Original	Revised
42 Repeat adolescent births	Percentage of female youth 15-24 years old who became pregnant before age 20 who gave birth more than once under age 20, by region	Percentage of ever-pregnant female youth 15-24 years old who gave birth more than once before age 20, by region

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University of the Philippines Population Institute (2023, October 18). *Regional Dissemination – Luzon* [PowerPoint slides]. Population Institute, College of Social Sciences and Philosophy, University of the Philippines.

https://www.uppi.upd.edu.ph/sites/default/files/pdf/YAFS5_Luzon_Dissemination_231024.pdf

Contact:

Maria Midea M. Kabamalan, Ph.D.

Project Coordinator

+63 2 8981 8500 local 2457 / 2468

yafs5.upd@up.edu.ph



YAFS5 Regional Dissemination – Luzon

YAFS5 Research Communication & Strategic Planning Workshop
Country Chateau Hotel, Tagaytay City
17-20 October 2023



Overview of the YAFS5 and Sociodemographic Profile of the Filipino youth

KLARRINESS P. TANALGO

Population Institute
College of Social Sciences and Philosophy
University of the Philippines

YAFS5 Research Communication & Strategic Planning Workshop
Country Chateau Hotel, Tagaytay City
17-20 October 2023



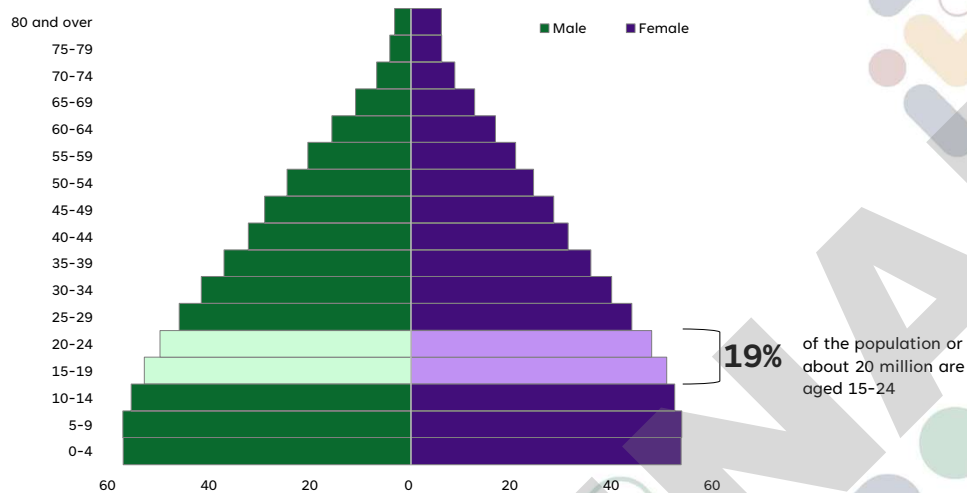
Overview of the YAFS5



Why study the Kabataang Pinoy?

- Youth is the period of transition from childhood to adulthood
- “Dense” period, overlapping transitions such as leaving school, getting a job, first serious relationship, first marital union, first pregnancy and so forth that could have lasting effects in later life
- Important to examine their status to help identify key areas to ensure better health and well-being which in turn can contribute to their families, communities and the country in the long run

Age-sex structure of the Philippine population, 2020



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The Filipino youth

20.2 million Population age 15-24 in 2021*

* From Official Population projections based on the 2015 POPCEN

2023: ~ 21.1 M

Unofficial population projections based on the 2020 CPH

9.8 million
female youth



10.3 million
male youth

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ABOUT YAFS



YAFS is the **largest series of cross-sectional surveys in the Philippines** on the 15 to 24 age group (1982, 1994, 2002, 2013)



The YAFS series aims to provide updated information on a broad framework of adolescent sexuality and reproductive health issues, their antecedents, and manifestations



Its rich findings have been used as **bases in the formulation of programs and policies** for the health and welfare of the youth



YAFS5 aims to aid the **Adolescent Health and Development Program Strategic Plan** of the Department of Health (DOH)

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Research Design

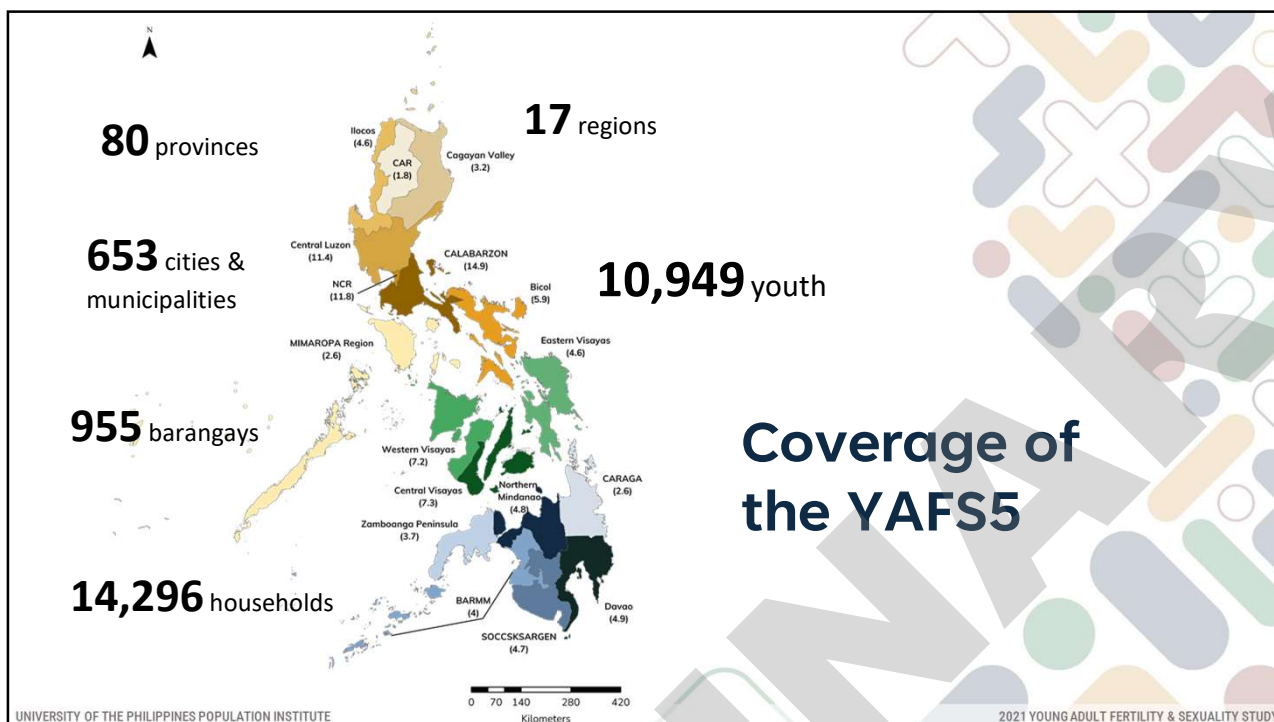
YAFS5 employed a **two-stage sampling design**:

- 1st stage: **974 sample barangays** selected using systematic sampling
- 2nd stage: in every sample barangay, the field team **interviewed a target of 15 households, systematically-selected**



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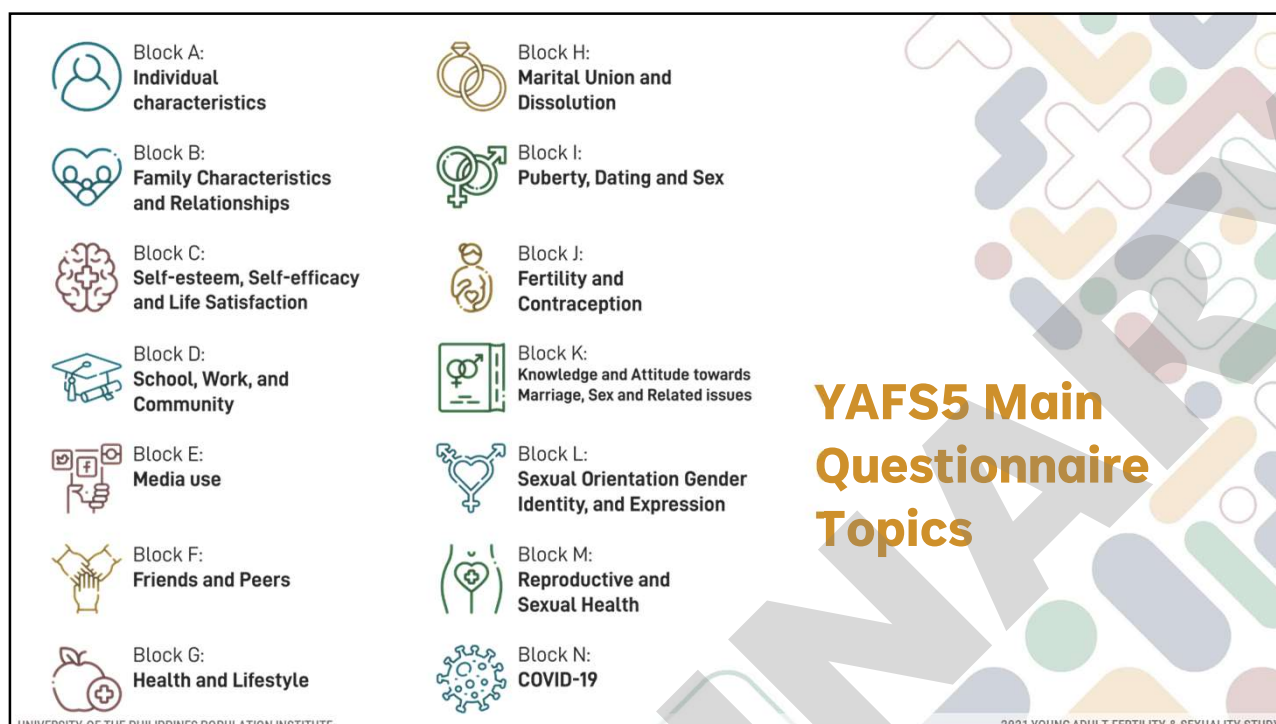
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Survey materials include:

- **Lenovo Tablets**
 - HH Questionnaire
 - Individual Questionnaire
- Consent Form
- YAFS5 Field Manual
- Flashcards
- Identification cards, YAFS5 t-shirts, umbrella
- PPEs (face masks, face shield, alcohol)
- Letters to the Mayors and to the Brgy. Captains
- Endorsement letters from DOH and DILG





The COVID-19 Situation

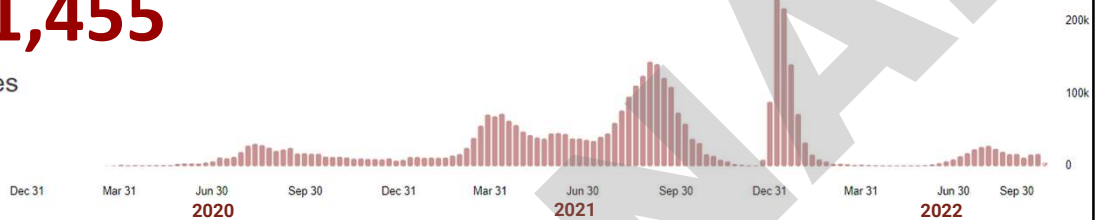
In the Philippines, from 3 January 2020 to 5:01pm CEST, 12 October 2022, there have been **3,971,445** confirmed cases of COVID-19 with 63,329 deaths, reported to WHO. As of 21 September 2022, a total of 164,981,870 vaccine doses have been administered.

Philippines Situation

3,971,455

confirmed cases

Survey data collection:
Aug 2021 - Jan 2022



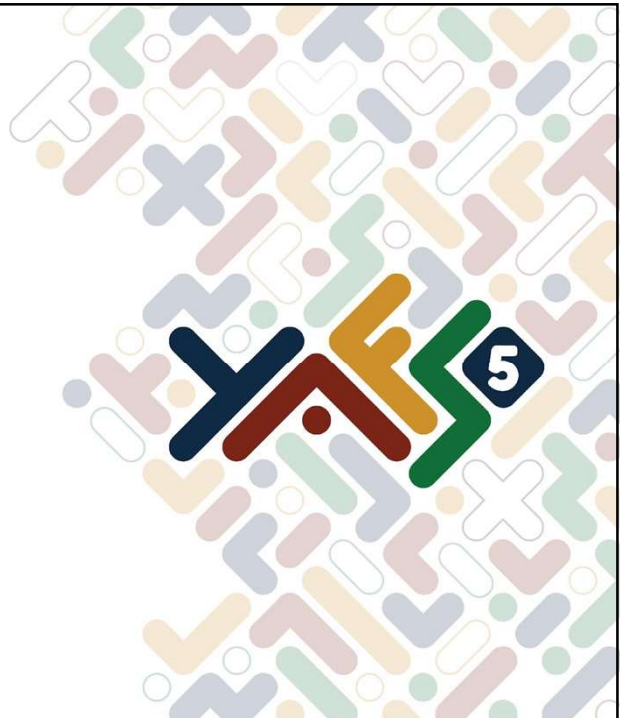
Source: <https://covid19.who.int/region/wpro/country/ph>; 13 October 2022

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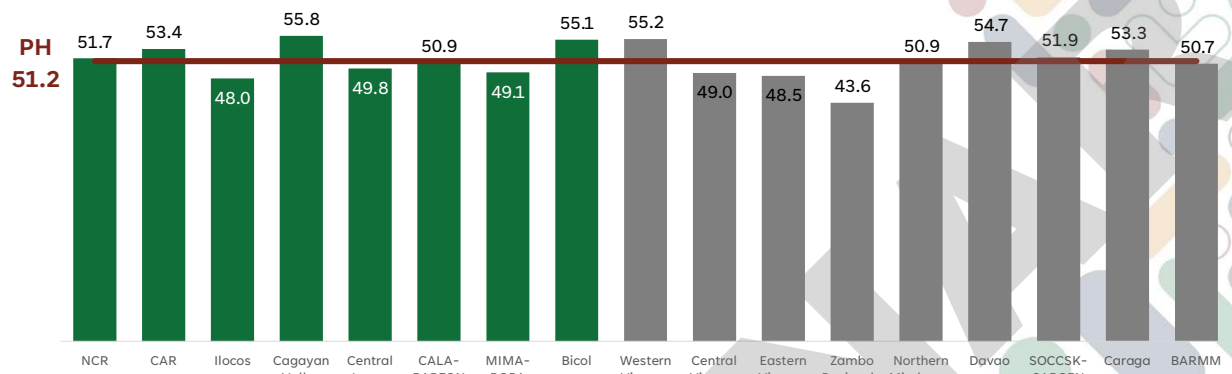


Sociodemographic Characteristics of the Filipino Youth



Sex

Percent of female youth by region

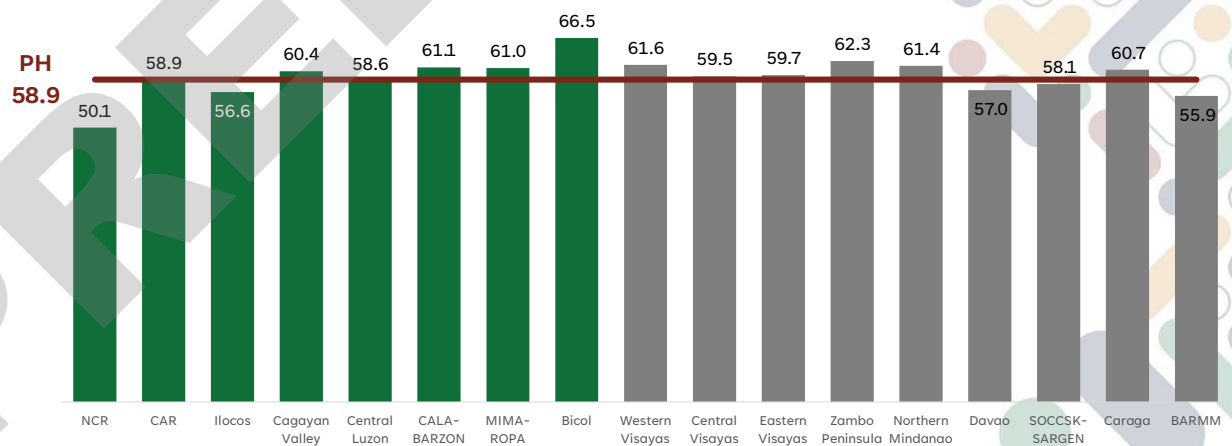


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Age

Percent 15-19 youth by region

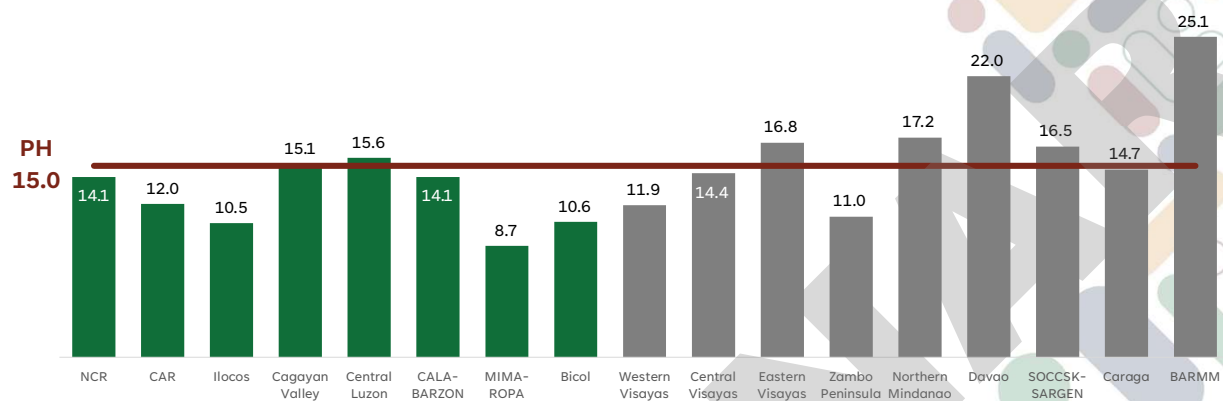


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Marital status

Percent of currently married youth by region

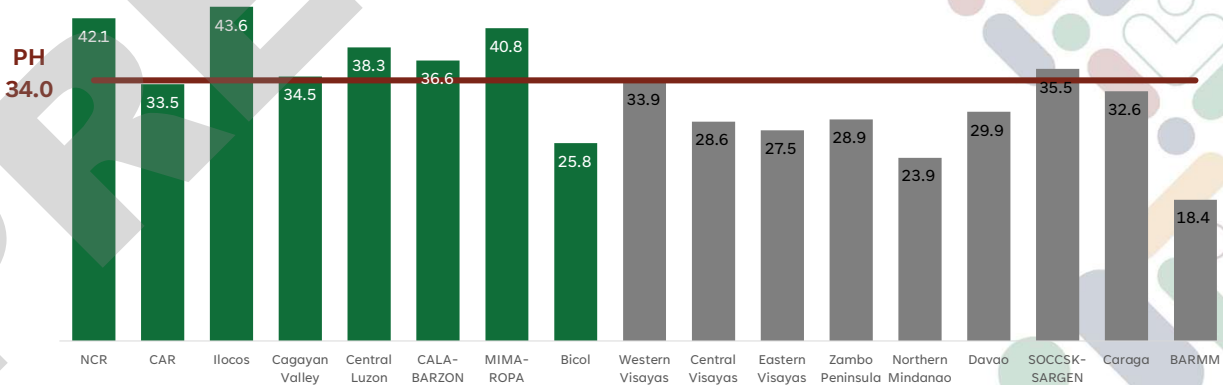


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Educational attainment

Percent of youth who completed HS by region



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Educational attainment

Reasons for leaving school

27%

Lack of necessary funds

15%

To help earn for the family

13%

Nabarkada

12%

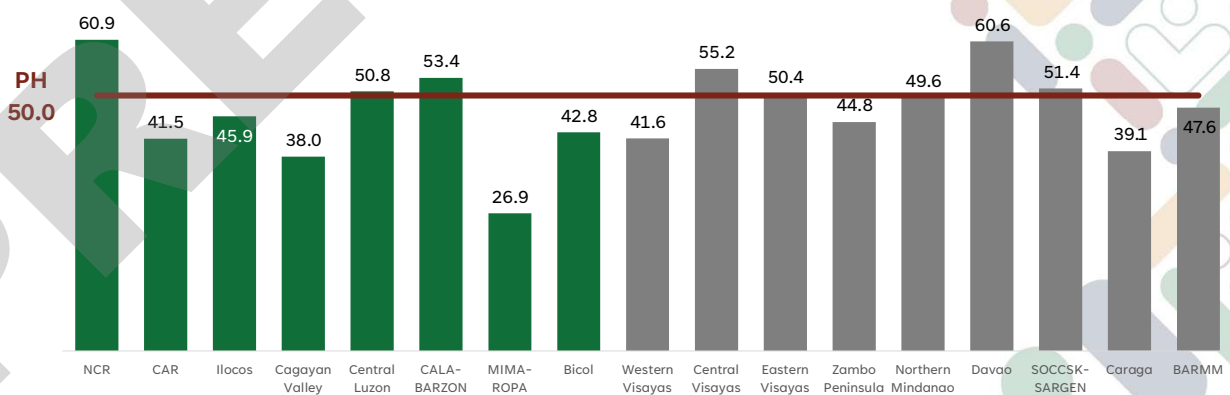
Didn't like/bored with school

6%

Got pregnant

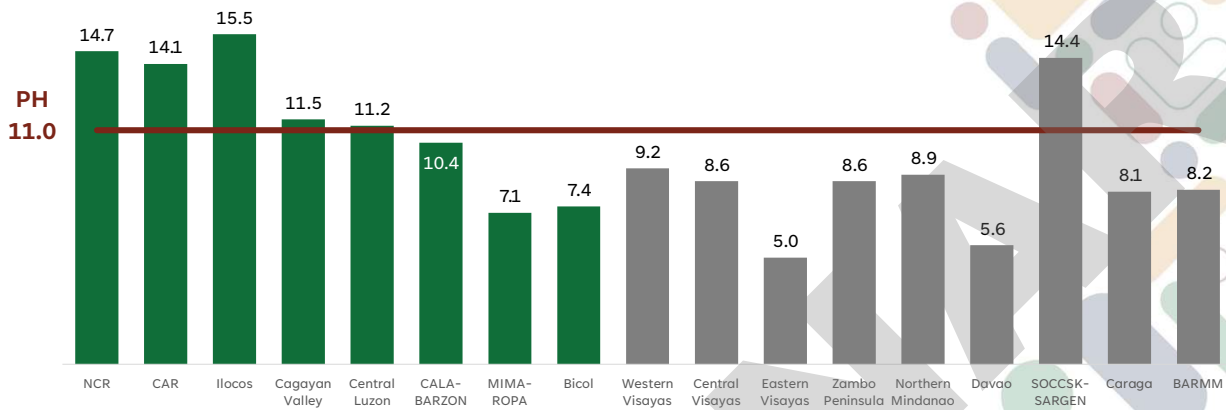
Educational attainment

Percent of youth who graduated HS but did not enroll in AY 2020-2021 by region



Educational attainment

Percent of youth 20 and over who completed college by region

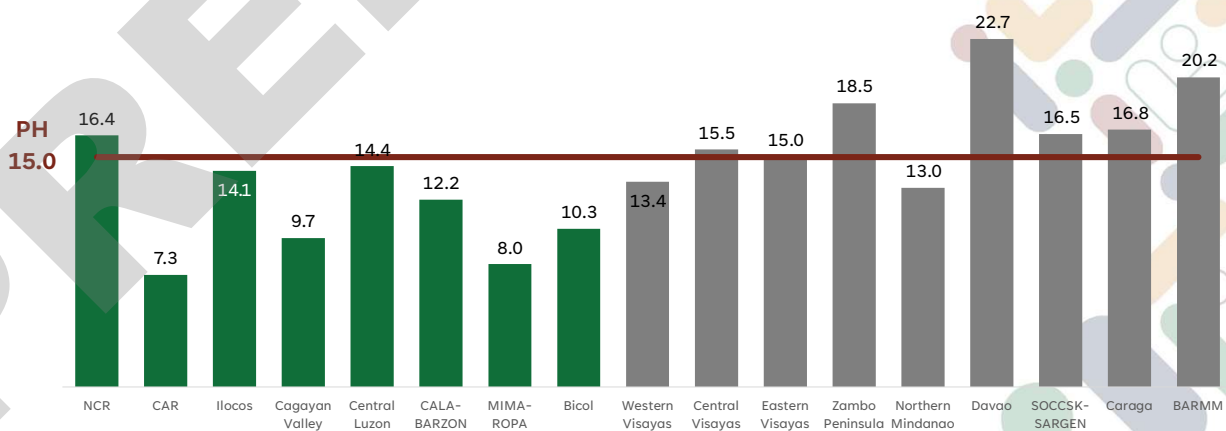


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Employment status

Percent of youth who are neither working nor studying by region

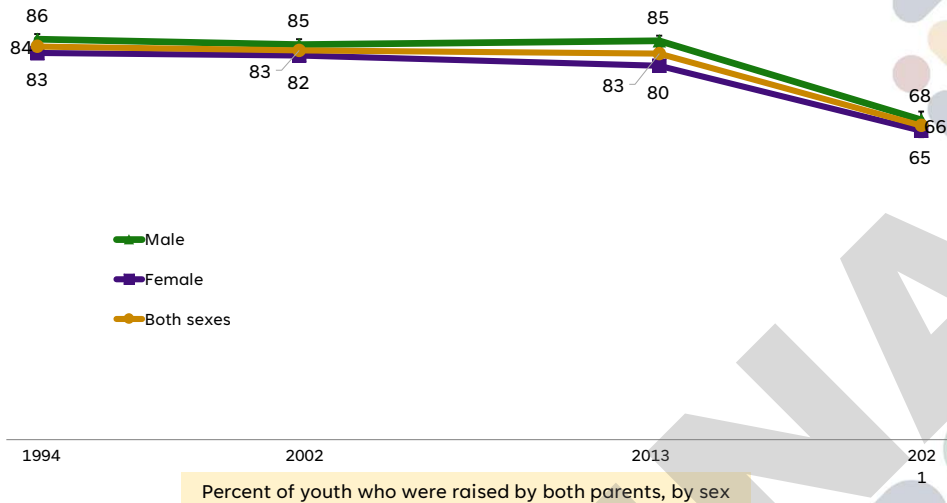


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Family characteristics

Percent of youth who were raised by both parents

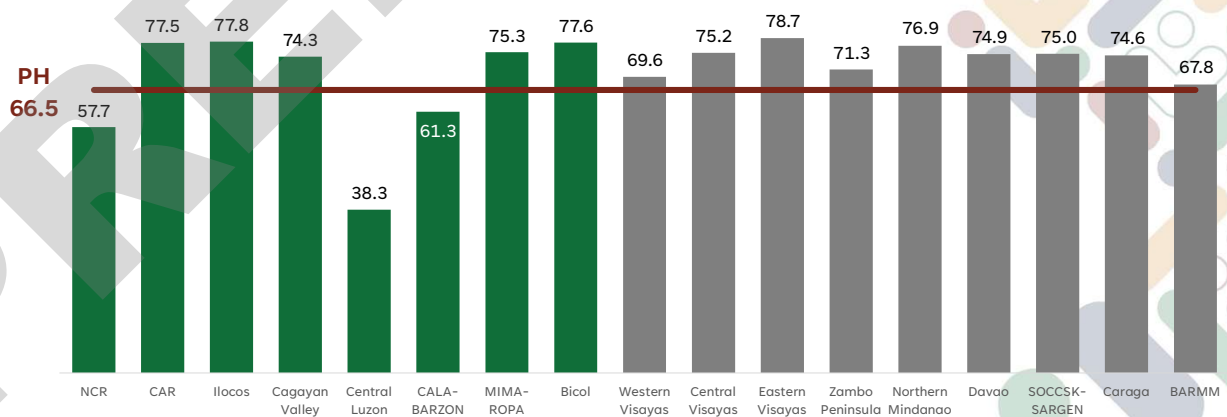


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Family characteristics

Percent of youth who were raised by both parents by region



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Family characteristics

Reasons why not raised by both parents

38%

Parents separated/
divorced

29%

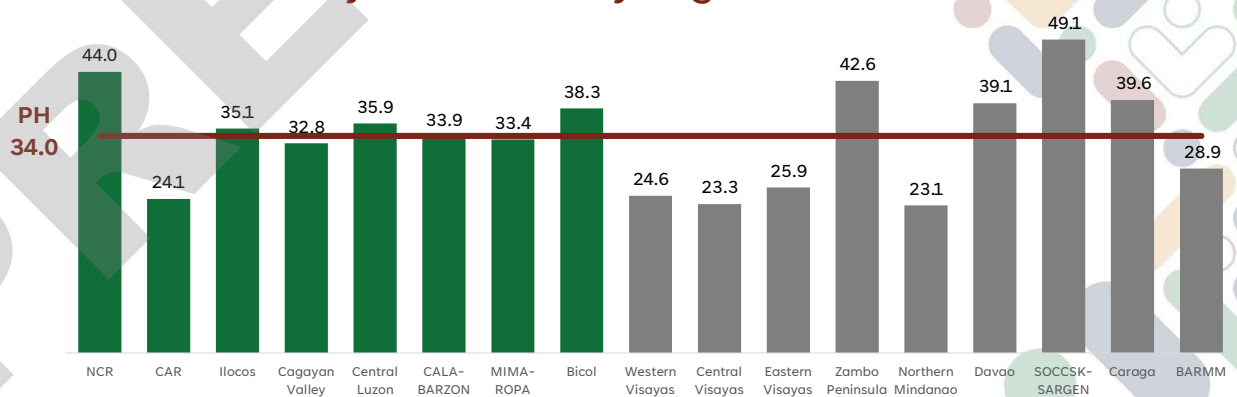
Dad works away
within the country

14%

Dad died

Family characteristics

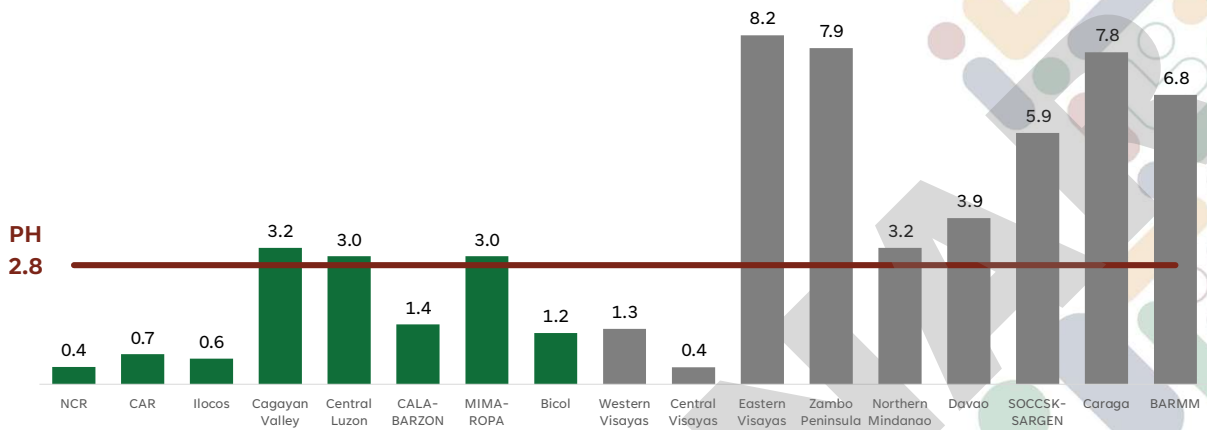
Percent who said that it is easier to discuss problems with people outside the family than with their family members by region



Media use

Percent with no access to gadgets at all by region

e.g., smartphone, laptop, desktop/PC, television, radio, gaming console

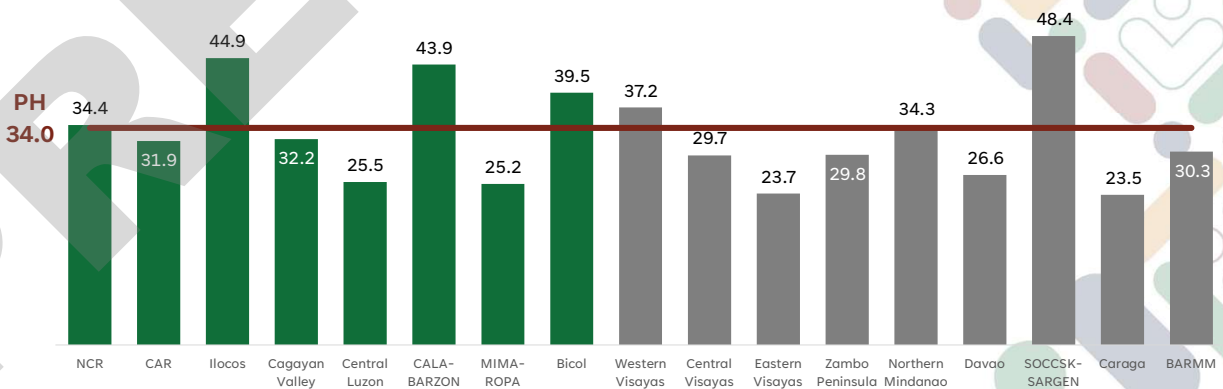


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Media use

Consult with professionals online at least once in the last 3 months by region

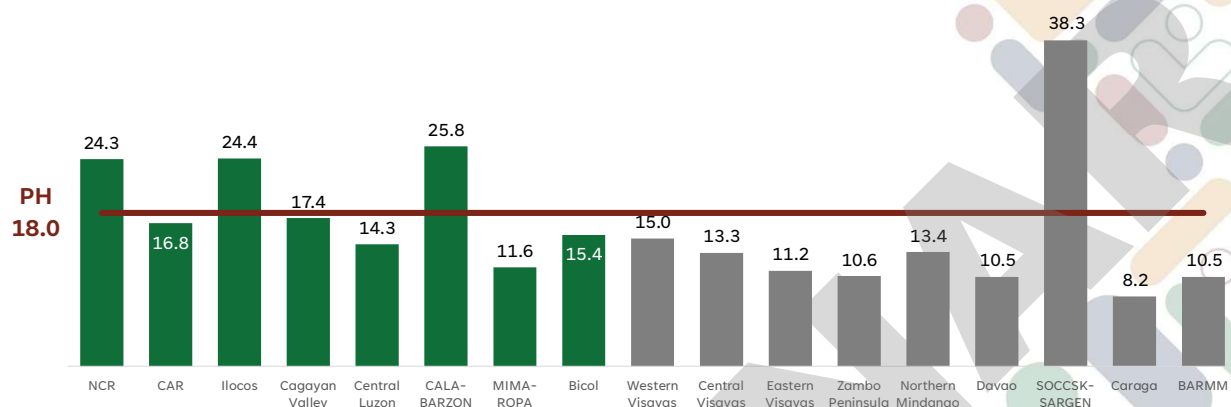


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Media use

Do e-government transactions at least once in the last 3 months by region

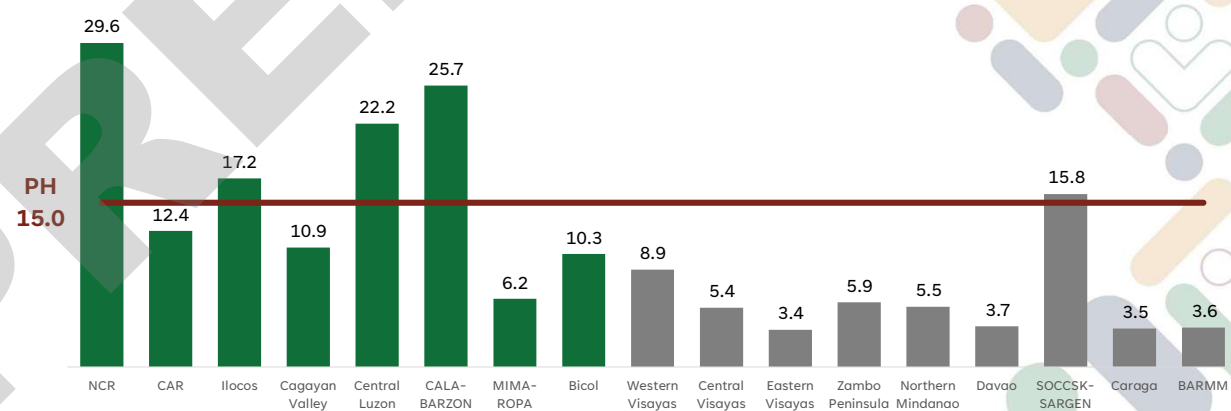


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Media use

Use online banking at least once in the last 3 months by region

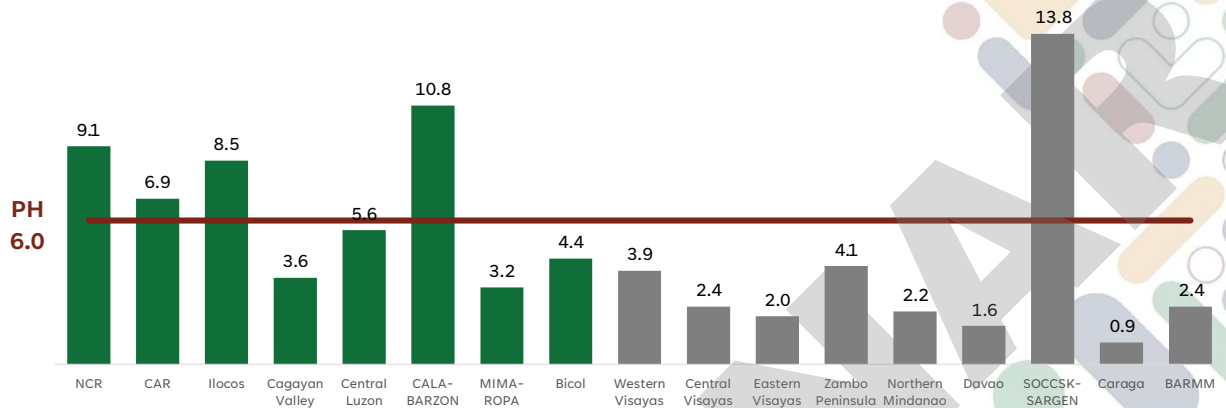


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Media use

Make/Manage online investments at least once in the last 3 months by region

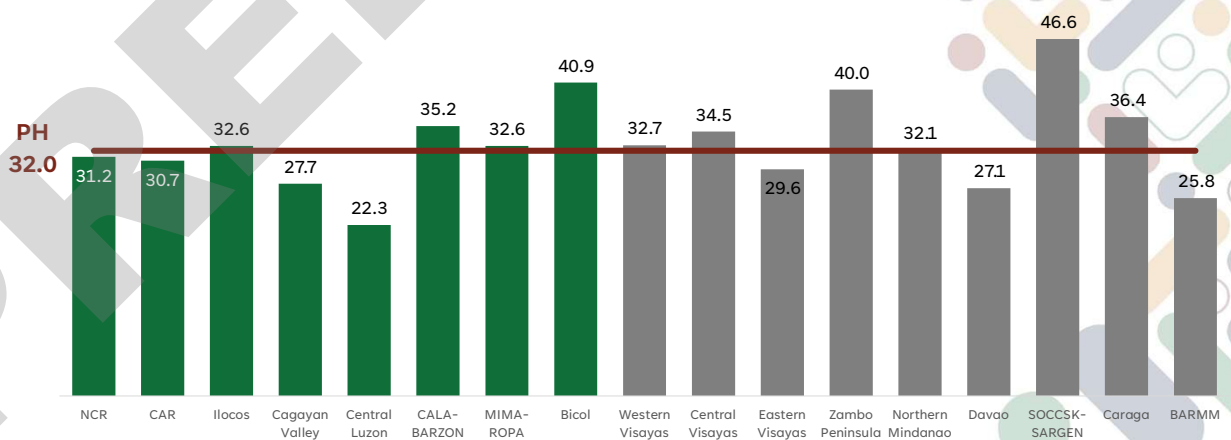


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Media use

Interact/chat with strangers or random people online at least once in the last 3 months by region



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The Unseen Battles: Mental well-being, HIV, and exploring sexuality

Insights from the YAFS5

ELMA P. LAGUNA

Population Institute
College of Social Sciences and Philosophy
University of the Philippines

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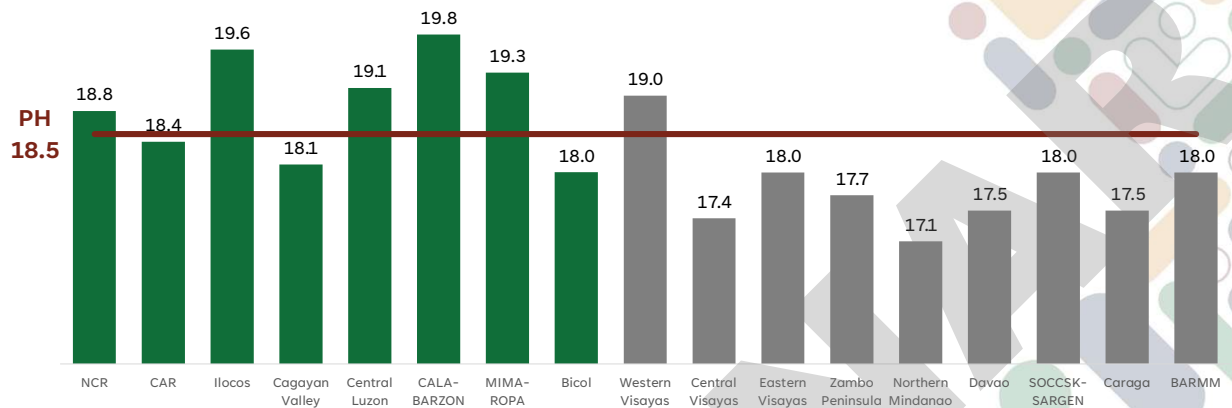


Psychosocial Well-being



Self-esteem

Mean self-esteem score by region

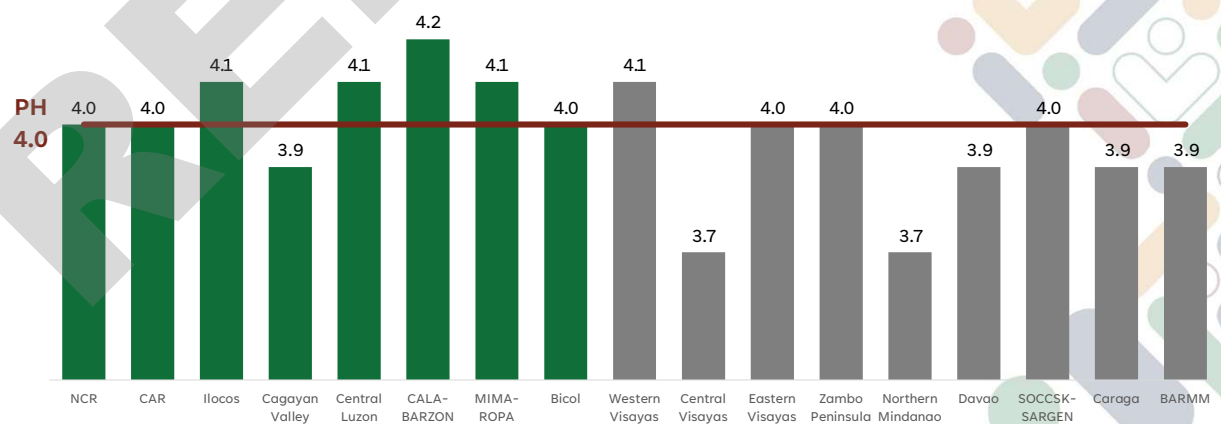


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Self-efficacy

Mean self-efficacy score by region

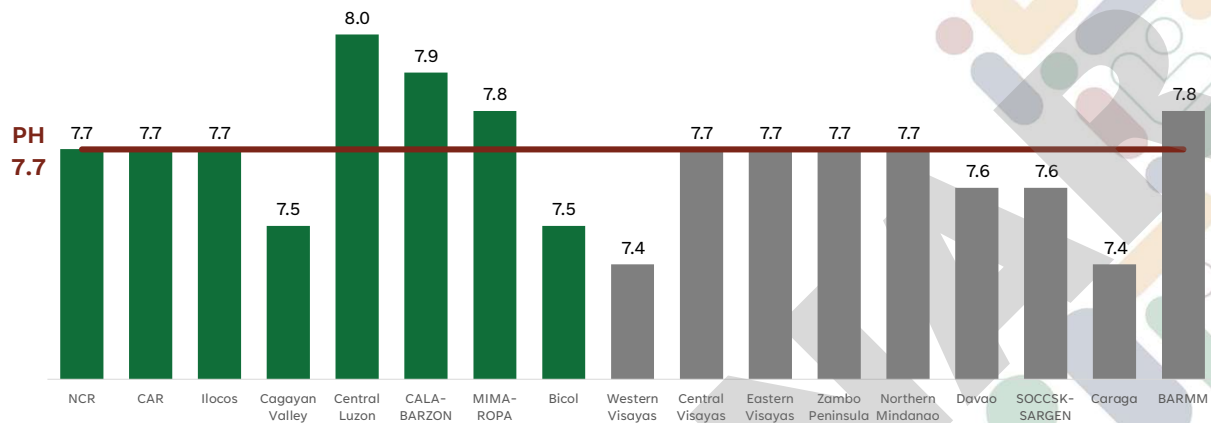


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Life satisfaction

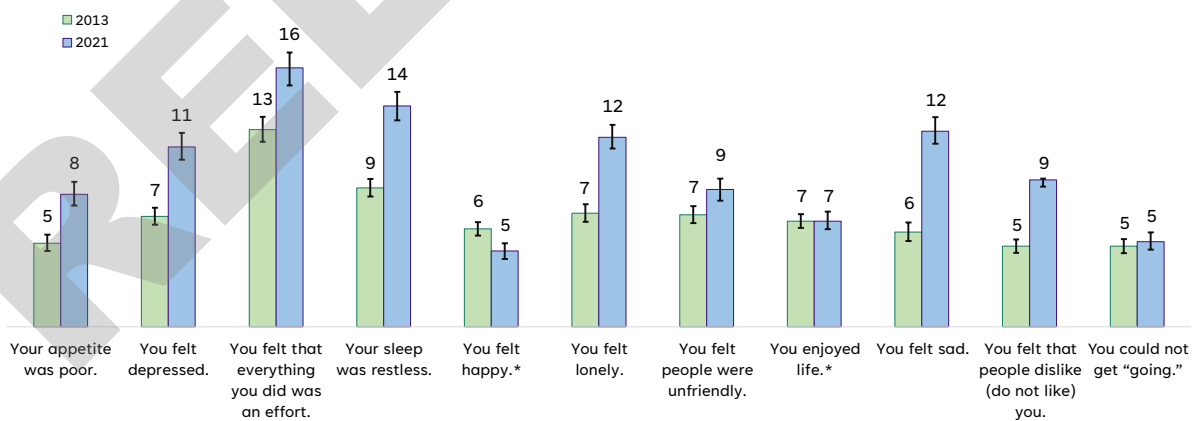
Mean life satisfaction rating by region



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Depressive symptoms



Percent of youth who, in the past week, "often" felt the depressive symptoms from the Center for Epidemiological Studies - Depression (CES-D) Scale: 2013 and 2021

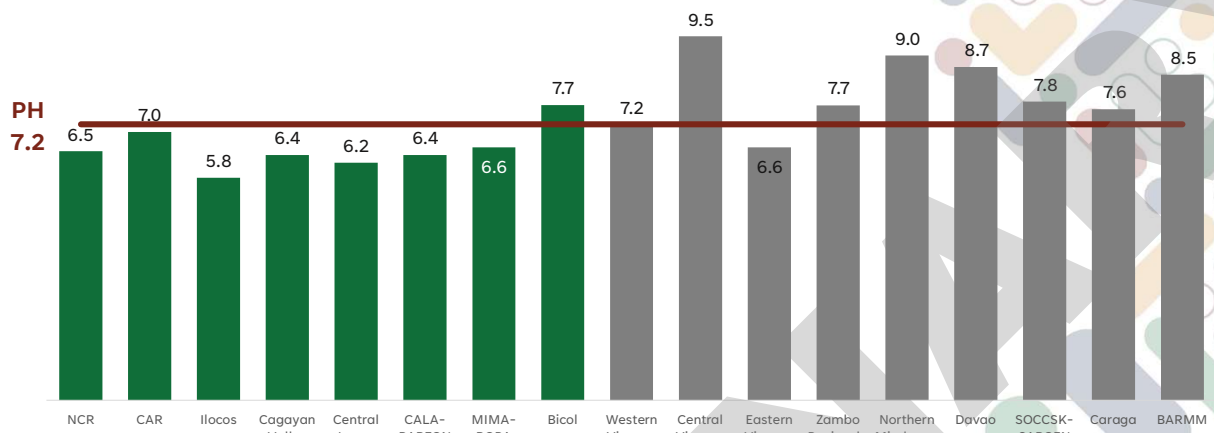
* Inverted responses

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Depressive symptoms

Mean sum-scores of the CES-D scale by region



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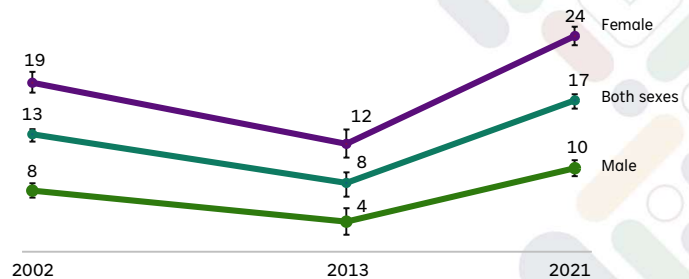
Suicide ideation

17%

have ever thought of committing suicide, **a third of whom experienced suicide ideation more than once.**

- higher among female youth
- 2013-2021 increase reverses the gains from 2002 to 2013

Percent of youth who have ever thought of committing suicide

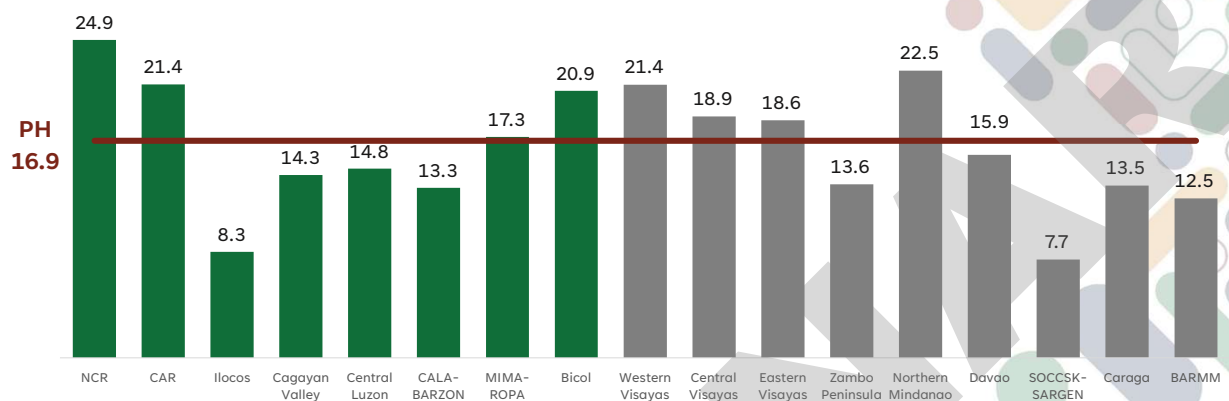


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Suicide ideation

Percent who ever thought of ending their life by region



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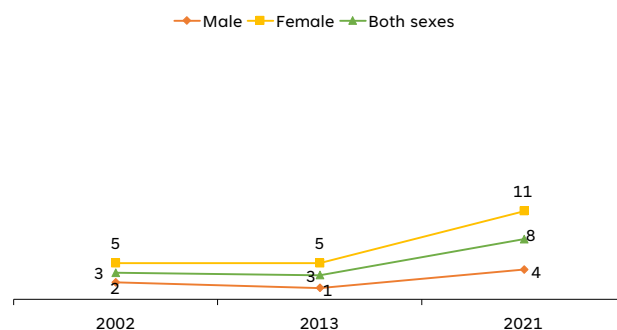
Suicide attempt

8%

have ever tried ending their life,
**a third of whom experienced
suicide attempt more than once.**

- 44% of those who had suicidal ideation acted on this thought
- higher among female youth

Percentage of youth who have ever tried ending their life

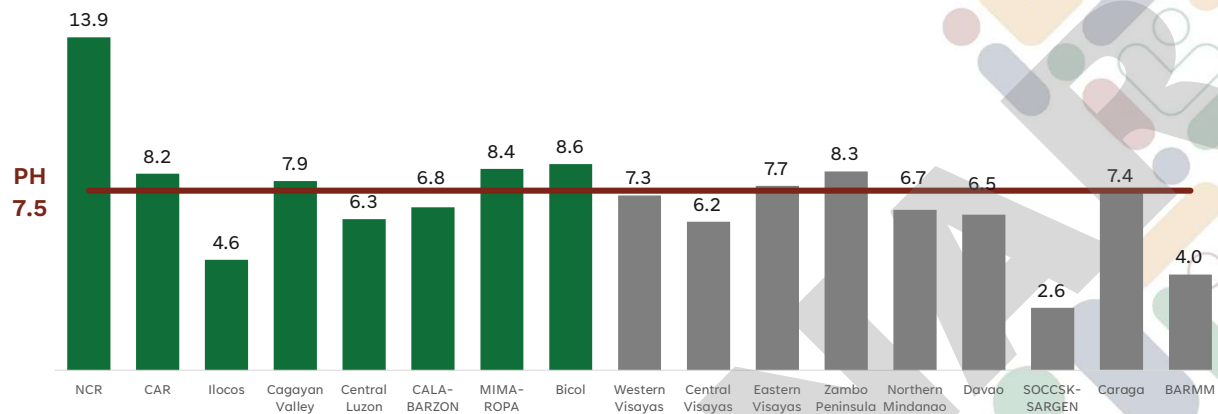


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Suicide attempt

Percent who ever tried to end their life by region

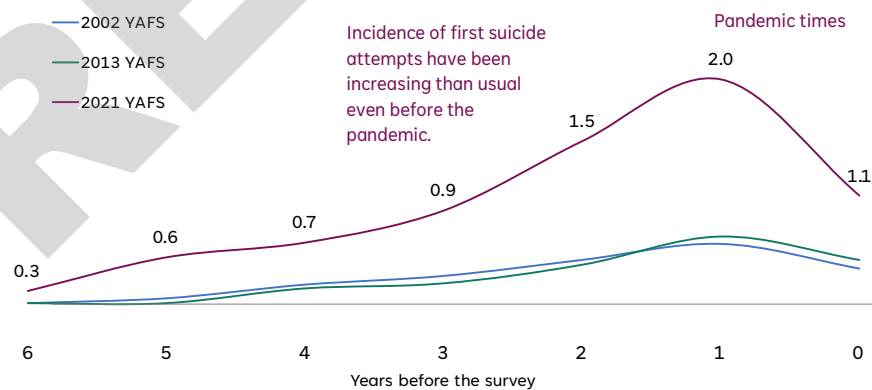


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Timing of first suicide attempt

Percent of youth who experienced their first suicide attempt, by number of years before the YAFS surveys



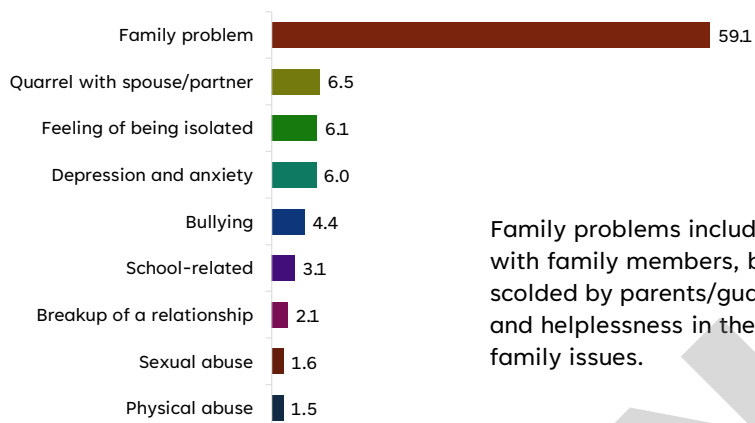
Incidence of first suicide attempts have been increasing than usual even before the pandemic.

Pandemic times

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Common reasons for suicide attempt



Family problems include conflict with family members, being scolded by parents/guardians, and helplessness in the face of family issues.

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Help-seeking behavior



Only 11% of all youth know of any suicide prevention program or service.



62% did not reach out to anyone about their ideations.



Only 2% of youth who experienced suicide attempt reached out to a professional

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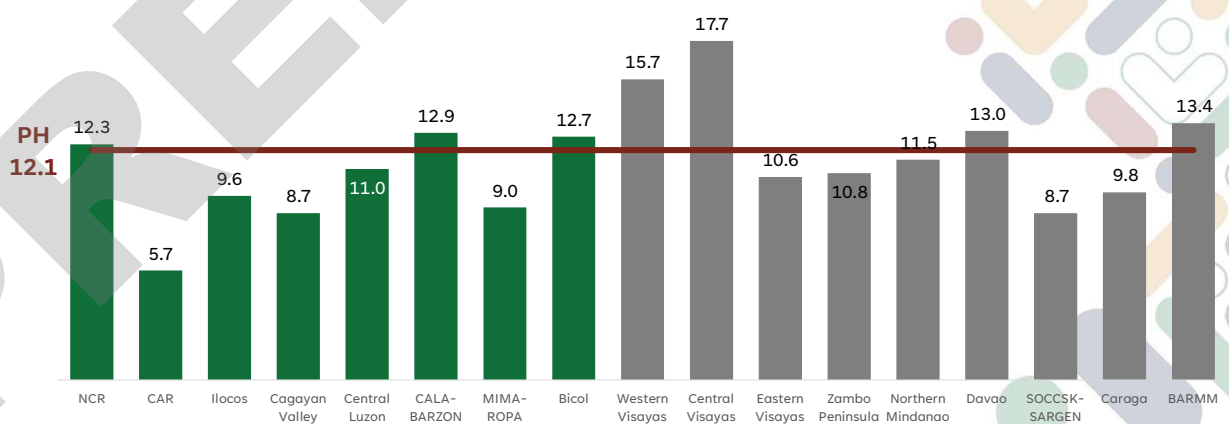


Smoking, vaping, and drinking



Smoking

Percent of youth who are currently smoking by region

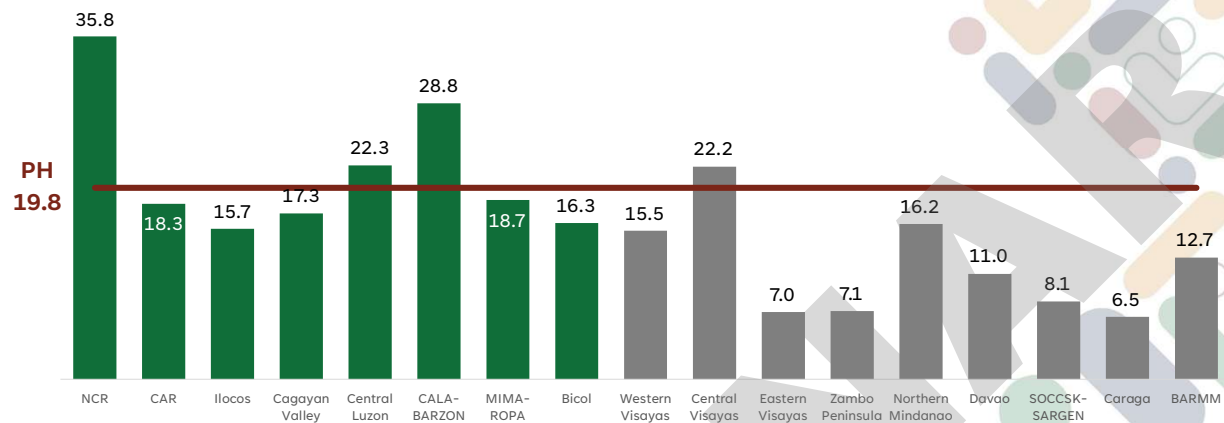


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Vaping

Percent of youth who ever vaped by region

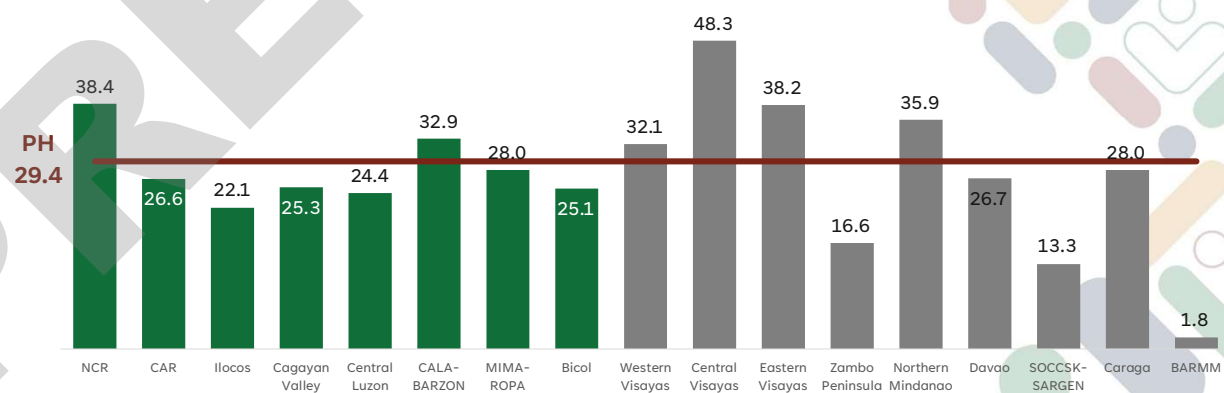


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Drinking

Percent of youth who are currently drinking by region

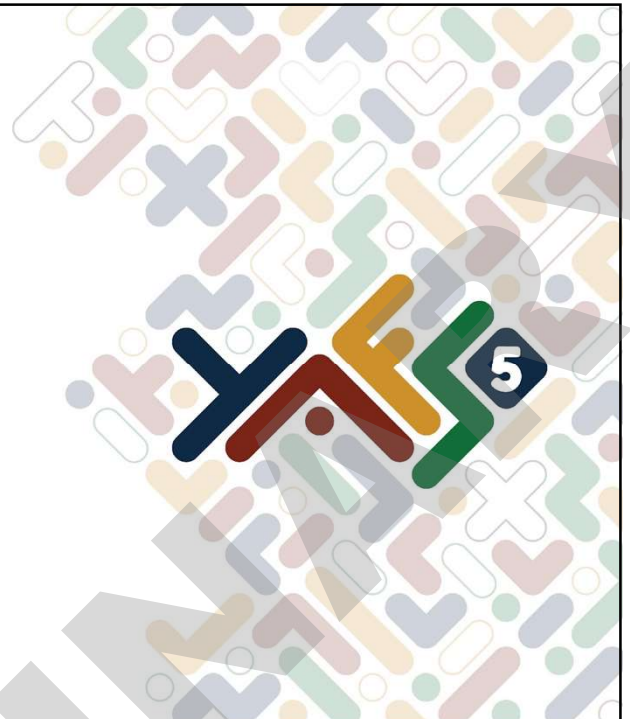


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STIs and HIV/AIDS



Awareness about Sexually Transmitted Infections (STIs)



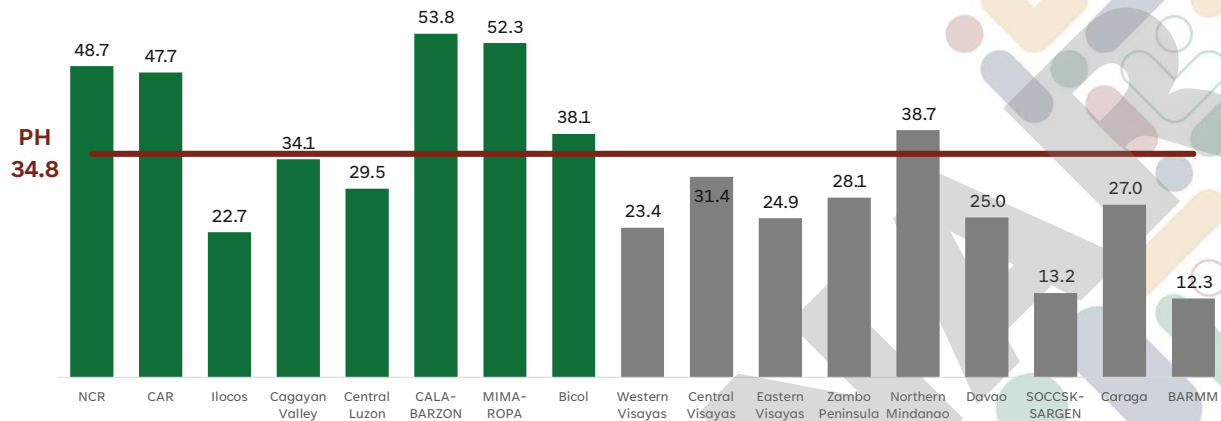
One-third of the youth know about STIs

35%
among males

34%
among females

Awareness of STIs

Percent of youth who are aware of sexually transmitted infections (STIs) by region

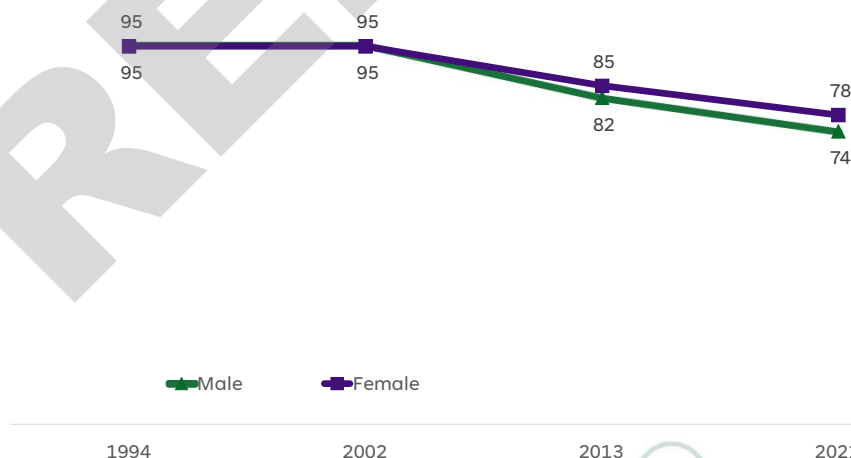


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Trends in awareness of HIV and/or AIDS

Percent of youth who are aware of HIV and/or AIDS: 1994-2021

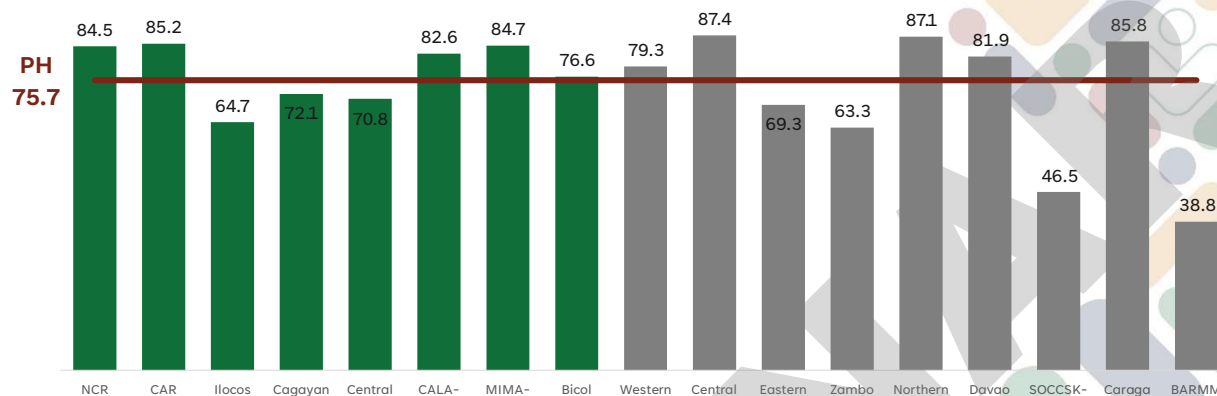


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Awareness of HIV/AIDS

Percent of youth who are aware of HIV and/or AIDS by region

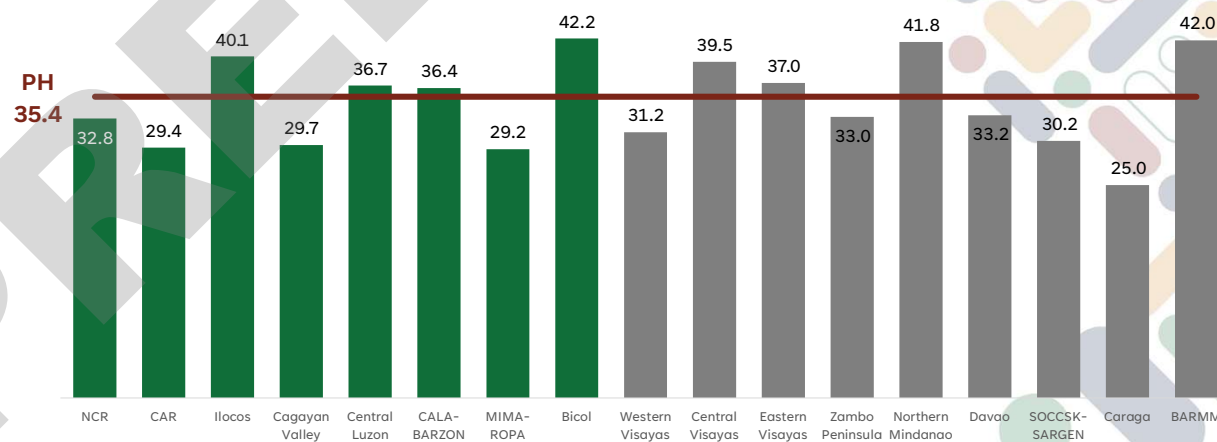


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Awareness of HIV/AIDS

Percent of youth who think that AIDS is curable by region



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Knowledge of HIV and/or AIDS

Believes that a person can get HIV by sharing food with someone who is infected

55

Does not believe that a healthy-looking person can have HIV

43

Does not believe that a person can reduce the risk of getting infected with HIV by using a condom everytime they have sex

38

Does not believe that the risk of HIV transmission can be reduced by having sex with only one uninfected partner who has no other sexual partners

30

Believes that a person can get HIV from mosquito bites

25

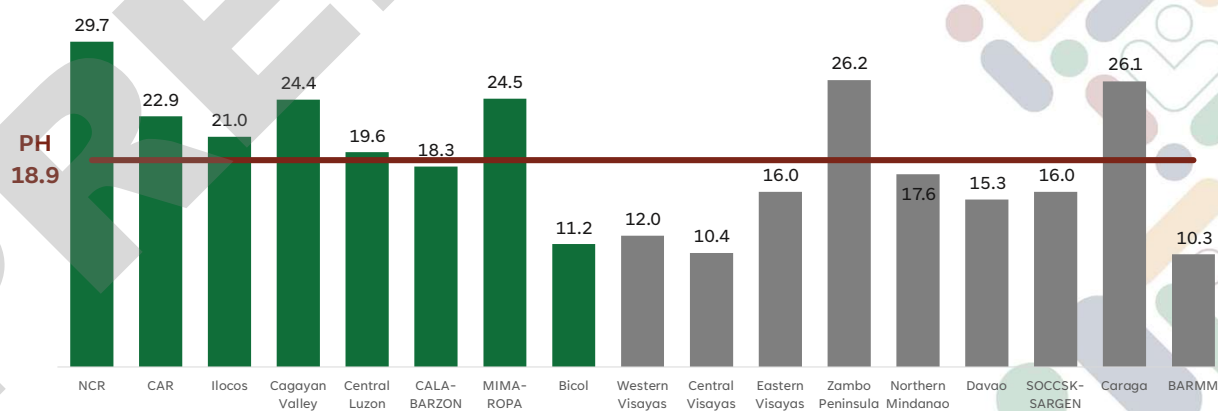
Percent of youth with **incorrect knowledge** of HIV and/or AIDS prevention and transmission, Philippines 2021

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Knowledge of HIV/AIDS testing

Percent of youth with **comprehensive correct knowledge** of HIV and/or AIDS by region

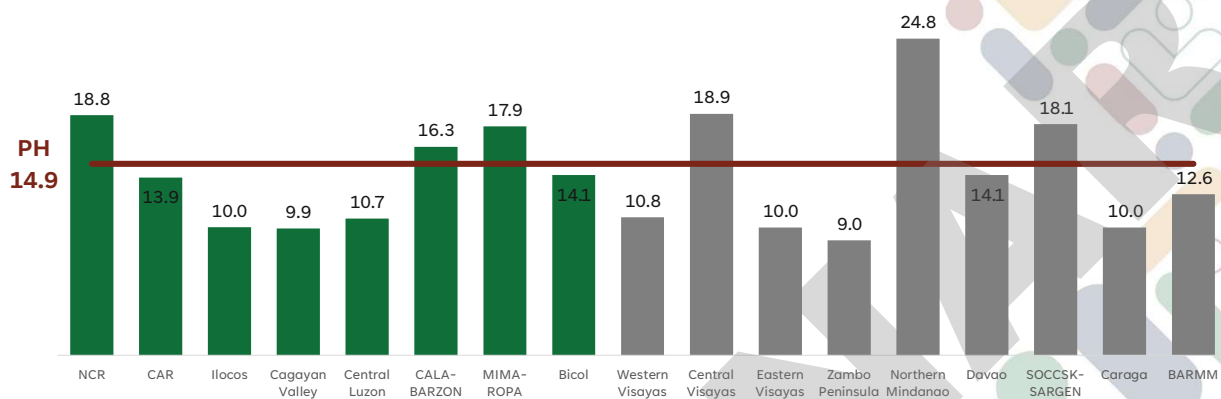


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Knowledge of HIV/AIDS testing

Percent of youth who know any center, clinic, hospital for HIV testing by region

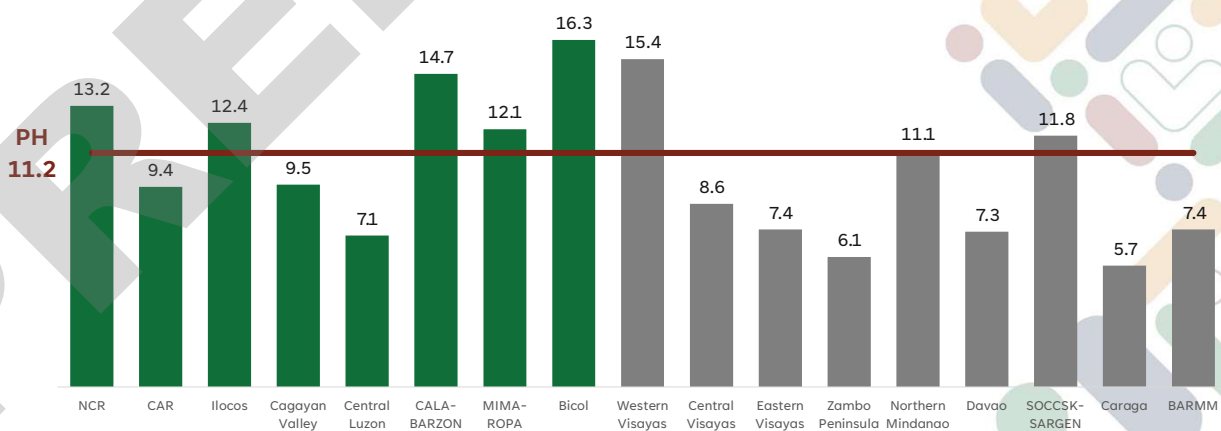


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Knowledge of HIV/AIDS treatment

Percent of youth who know about antiretroviral drugs by region

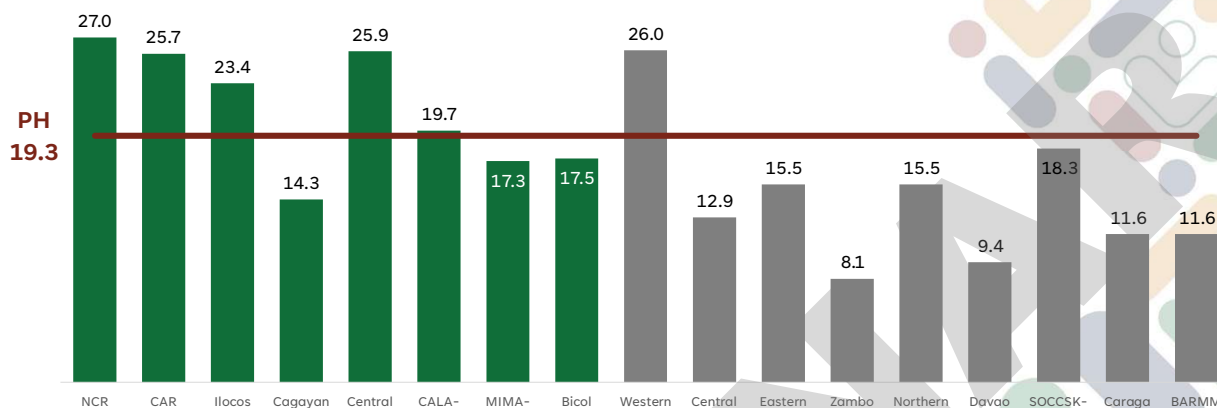


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Reproductive health

Percent of **male** youth who consulted a medical professional for any RH problem experienced by region

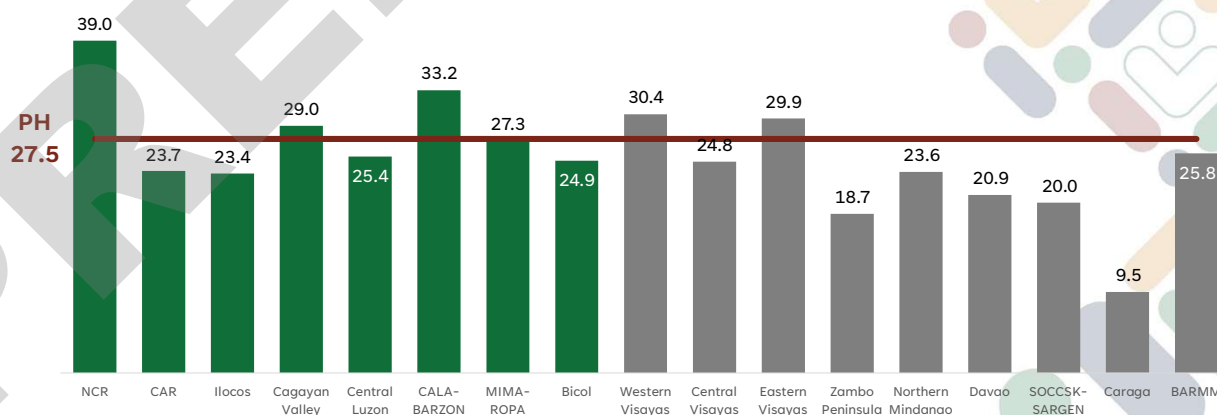


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Reproductive health

Percent of **female** youth who consulted a medical professional for any RH problem experienced by region



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Gender Identity, Gender Expression, and Sexual Orientation



Gender Identity



2.1% identify as the **sex opposite their sex assignment at birth**



Sexual orientation

2%
of males **identify as gay**

4%
of males **identify as bisexual**
regardless of age group.

A higher percent of the **15–19-year-old females (10%)** identify as bisexual compared with the 20–24-year-olds (6%)

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**Sources of
information
about sex**



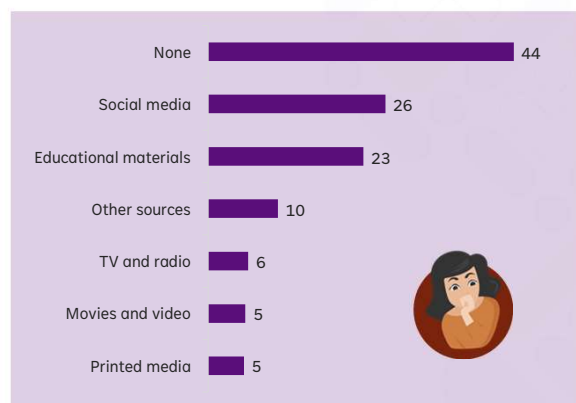
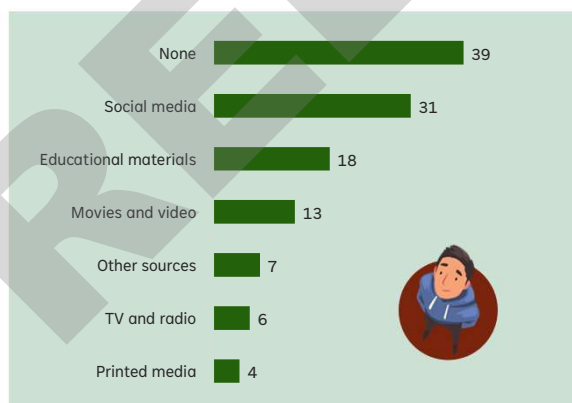


Teenagers trying to learn about sex

Porn & Adult Jokes

Books, documentaries, qualified sex-ed teachers

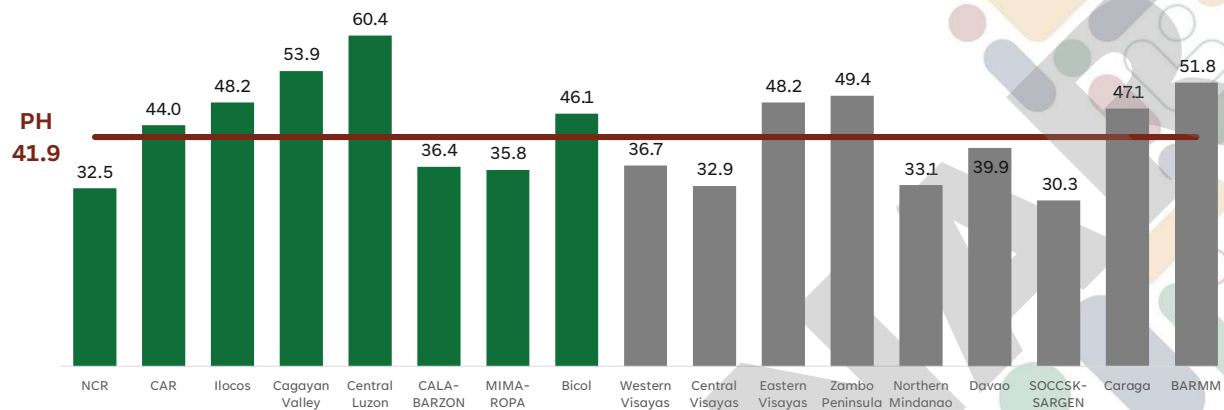
Material sources of information about sex



Percentage of youth aged 15-24's material sources of information about sex

Sources of information about sex

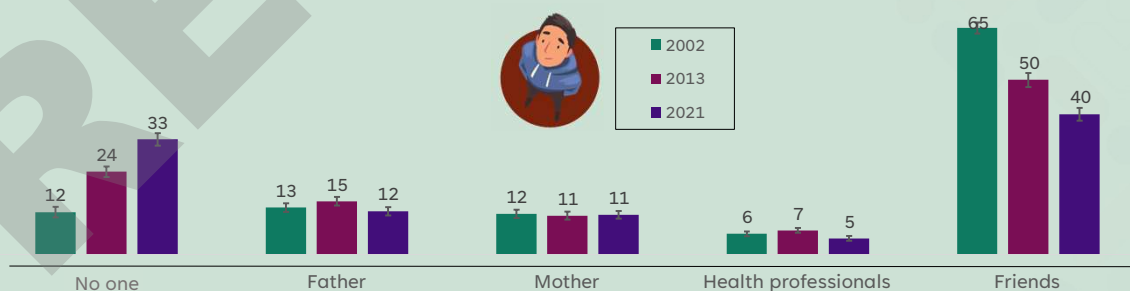
Percent of youth with no material sources of information about sex by region



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Persons **male youth** will most likely consult for questions about sex

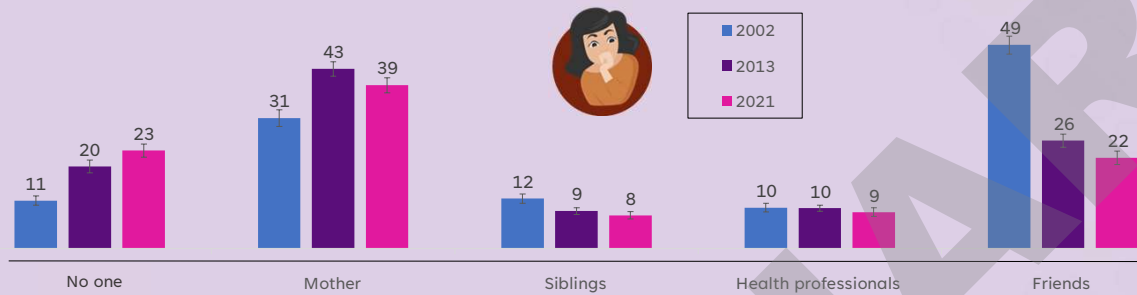


Percentage of male youth's top five persons to consult for questions about sex

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Persons **female youth** will most likely consult for questions about sex



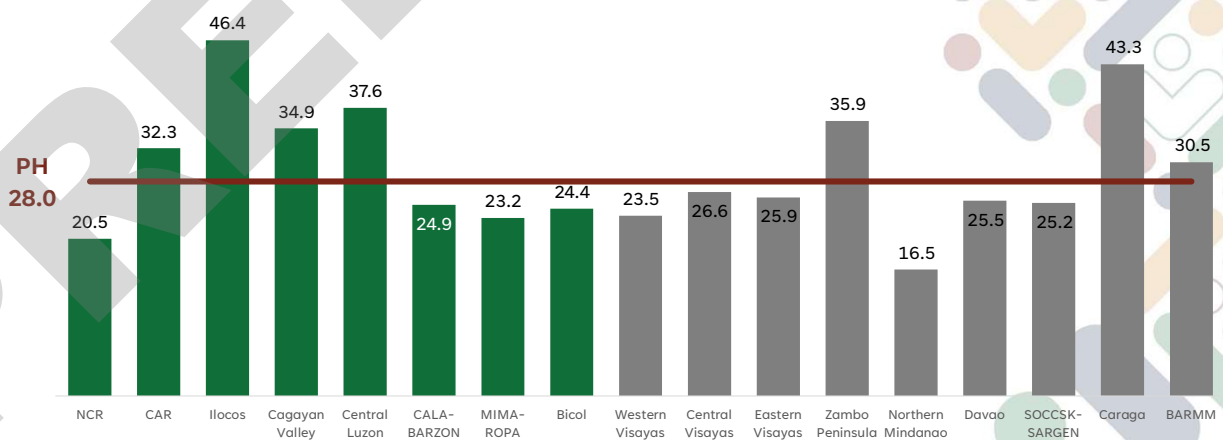
Percentage of female youth's top five persons to consult for questions about sex

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Sources of information about sex

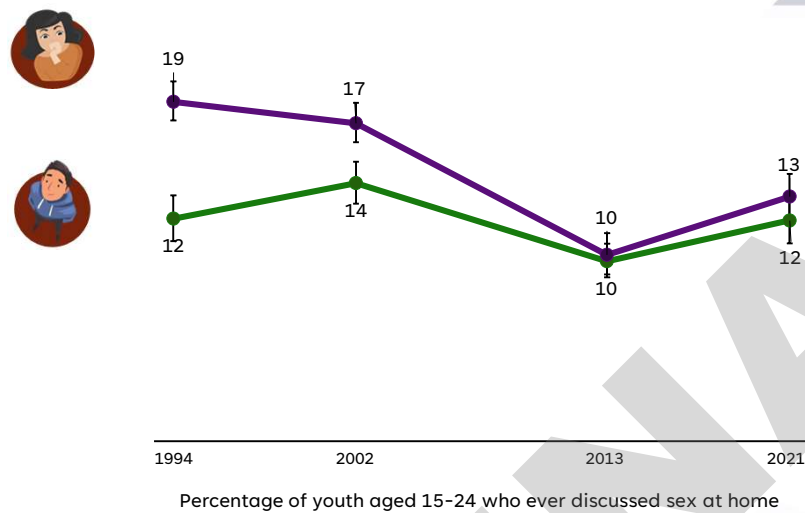
Percent of youth who did not ask anyone about questions on sex by region



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Discussion of sex at home

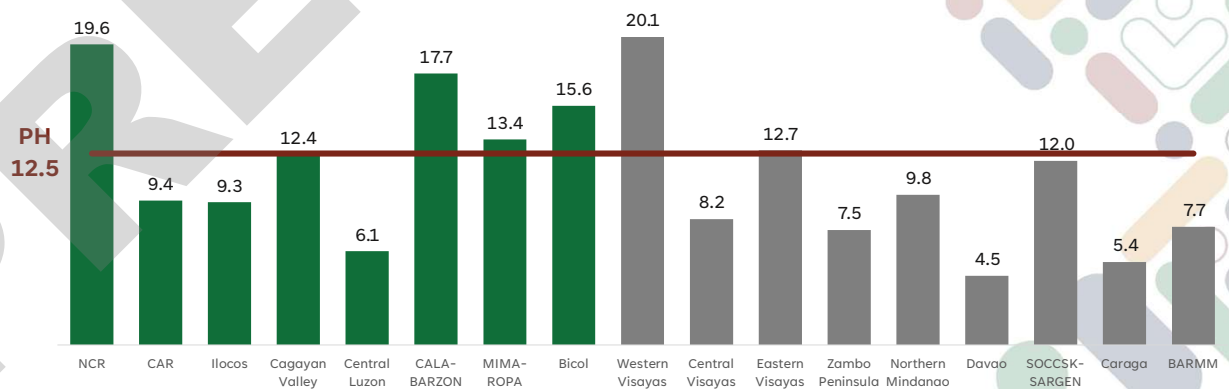


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Sources of information about sex

Percent of youth who ever discussed sex at home by region



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Regional scorecard: Luzon

Indicators	NCR	CAR	Ilocos	Cagayan	C. Luzon	CLBRZN	MMRP	Bicol
Self-efficacy score			▲	▼	▲	▲	▲	
CES-D Sum Score			▼	▼	▼	▼		▲
Suicide Ideation	▲	▲	▼	▼	▼	▼		▲
Currently smoking		▼	▼	▼	▼	▲	▼	▲
Ever vaped	▲	▼	▼	▼	▲	▲	▼	▼
Currently drinking	▲	▼	▼	▼	▼	▲	▼	▼
Awareness of STIs	▲	▲	▼	▼	▼	▲	▲	▲
W/comprehensive correct knowledge of HIV	▲	▲	▲	▲	▲	▼	▲	▼
Consult a medical professional (male)	▲	▲	▲	▼	▲	▲	▼	▼
Consult a medical professional (female)	▲	▼	▼	▲	▼	▲	▼	▼
No material source of information about sex	▼	▲	▲	▲	▲	▼	▼	▲
Not asked anyone about questions on sex	▼	▲	▲	▲	▲	▼	▼	▼
Discussion of sex at home	▲	▼	▼	▼	▼	▲	▲	▲

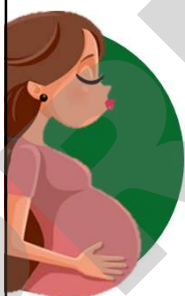


Filipino youth's reproductive realities: Evidence from the YAFS5

MARIA PAZ N. MARQUEZ
Population Institute
College of Social Sciences and Philosophy
University of the Philippines

YAFS5 Research Communication & Strategic Planning Workshop
Country Chateau Hotel, Tagaytay City | 17-20 October 2023

Outline of the presentation



1. Adolescent pregnancy

2. Sexual behavior

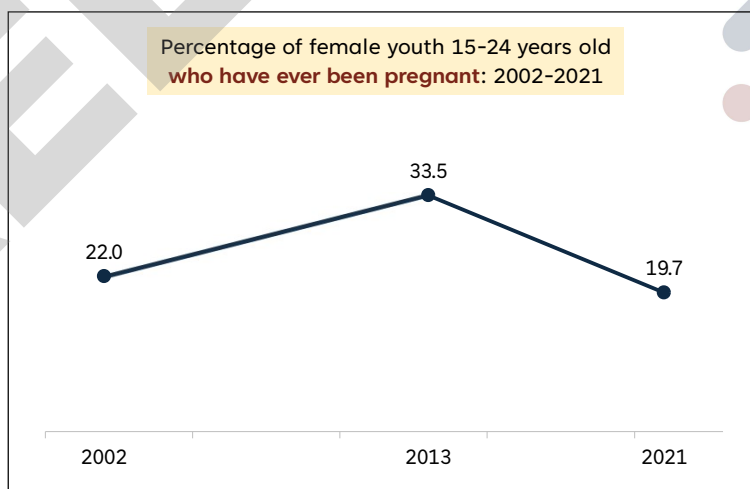
3. Family planning

4. Fertility preferences

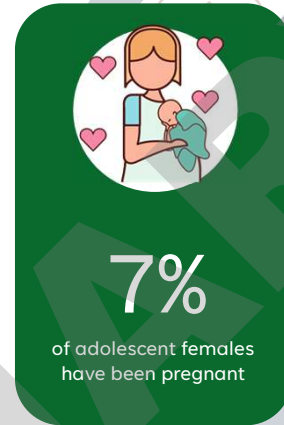
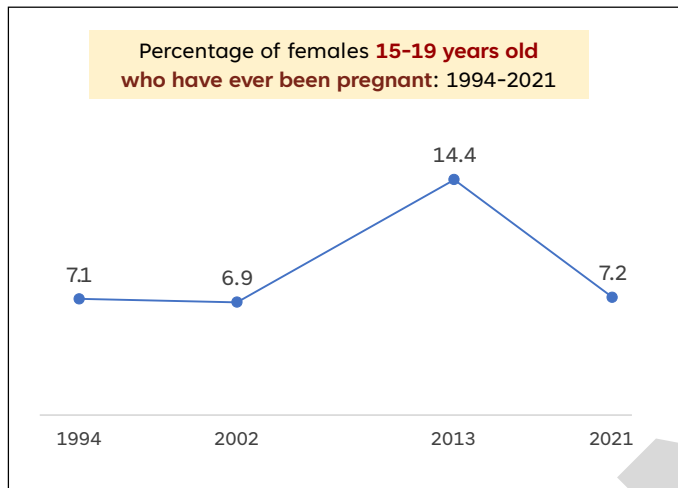
5. Maternal health

Adolescent pregnancy

Youth pregnancy



Adolescent pregnancy

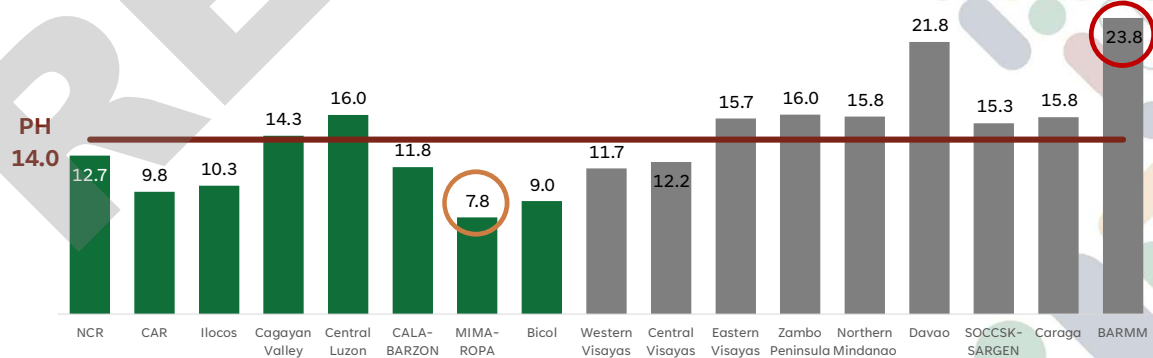


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Adolescent pregnancy (Pregnancy before age 20)

Percentage of female youth **15-24 years old** who became pregnant before age 20, by region

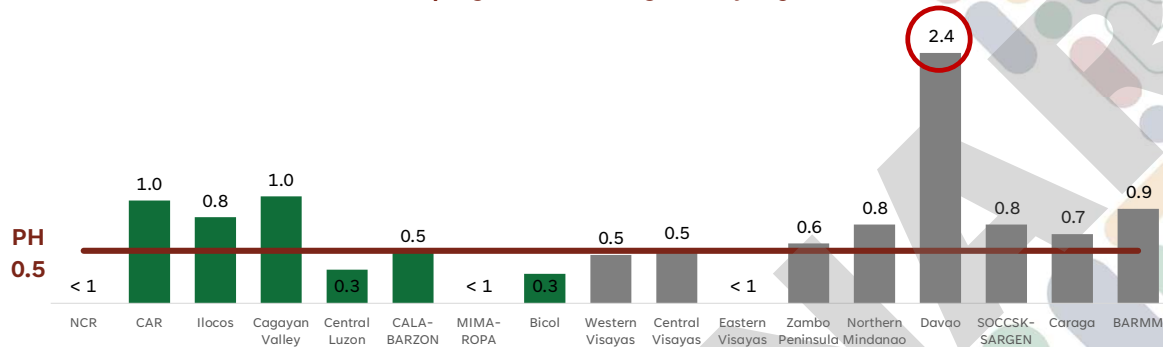


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Young adolescent pregnancy (Pregnancy before age 15)

Percentage of female youth 15-24 years old who became pregnant before age 15, by region

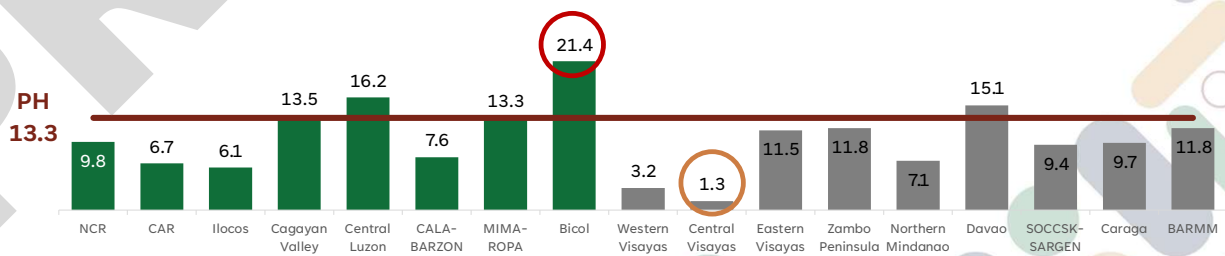


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Repeat adolescent births

Percentage of ever-pregnant female youth 15-24 years old who gave birth more than once before age 20, by region

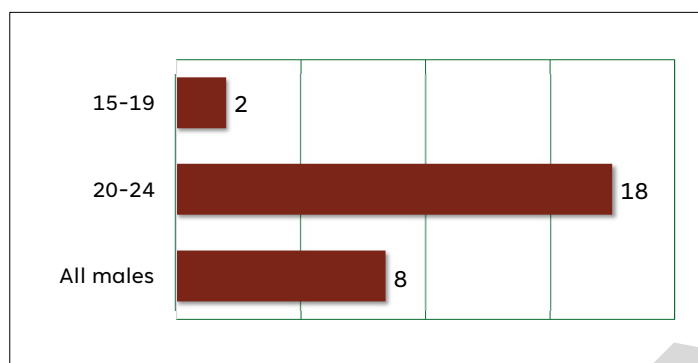


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Young fatherhood

Percentage of males 15-24 years old
who have gotten someone pregnant



Males aged 15-24 who
have gotten someone
pregnant before age 20:

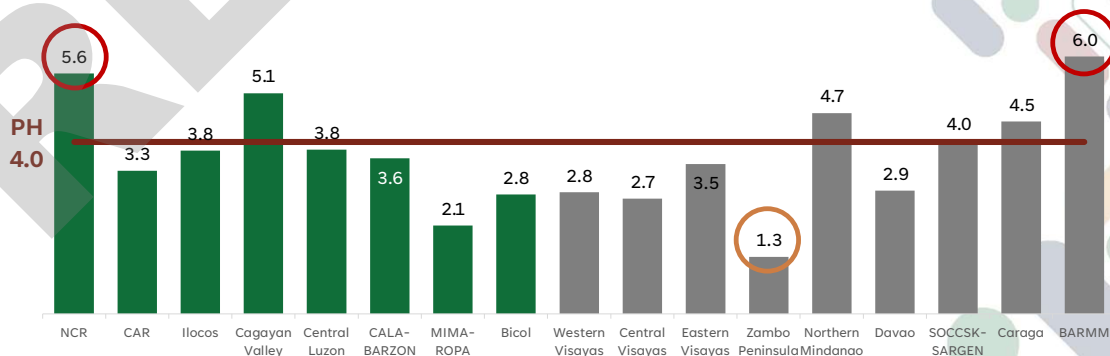
4%

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Adolescent fatherhood

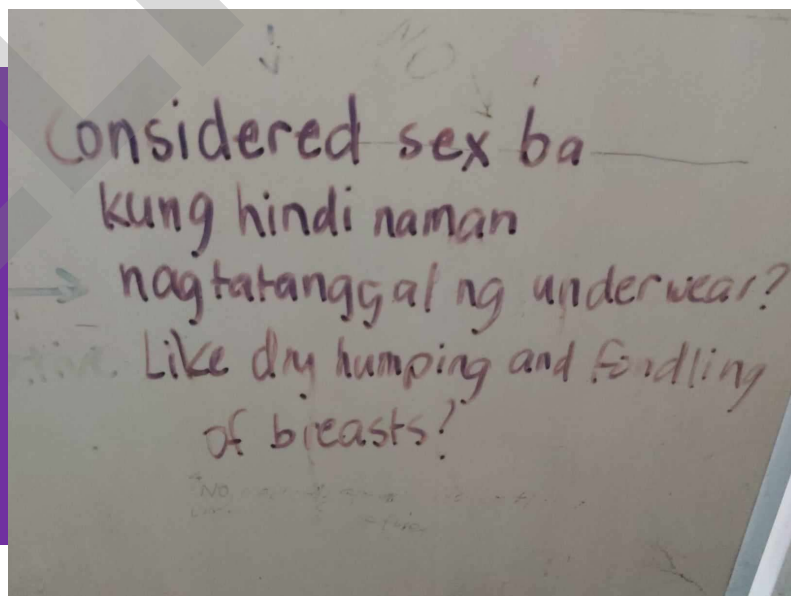
Percentage of male youth 15-24 years old who
have gotten someone pregnant before age 20, by region



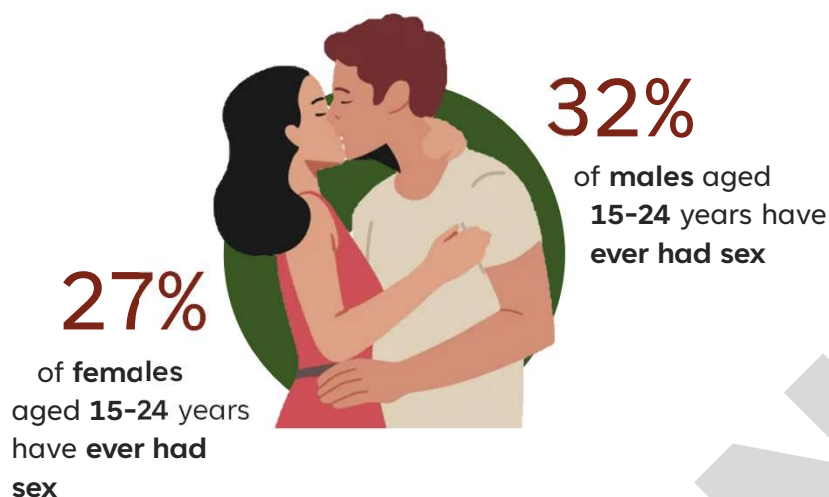
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Sexual behavior



Sexual experience



Sexual initiation of youth aged 15-24 years that are premarital

87%
among males

60%
among females

Median age at first sex

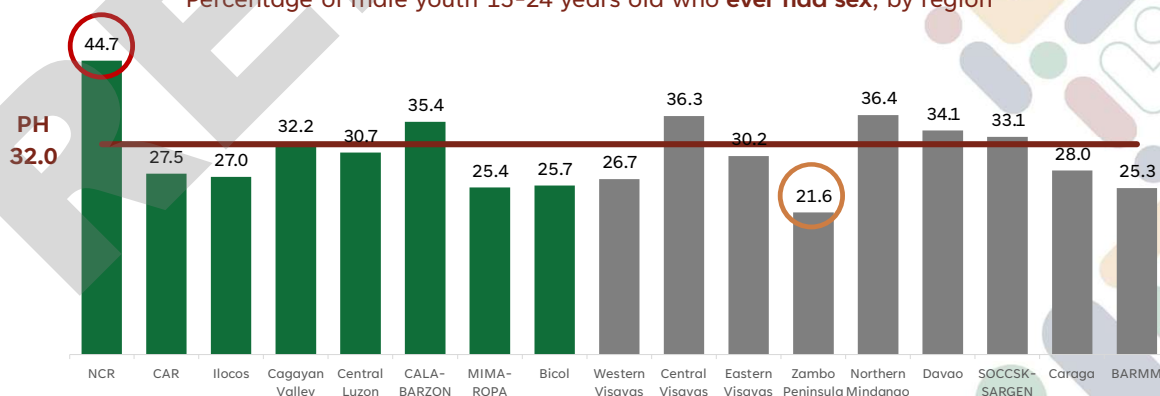
18
years old

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Male youth with sexual experience

Percentage of male youth 15-24 years old who **ever had sex**, by region

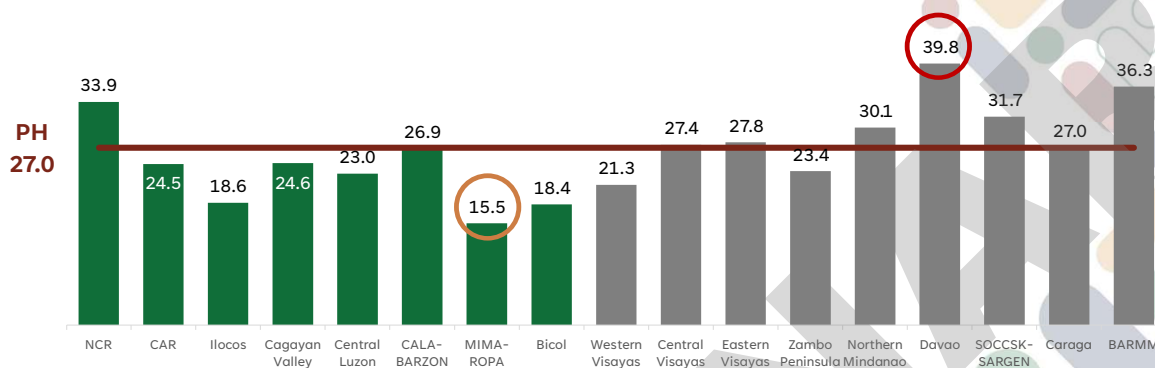


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Female youth with sexual experience

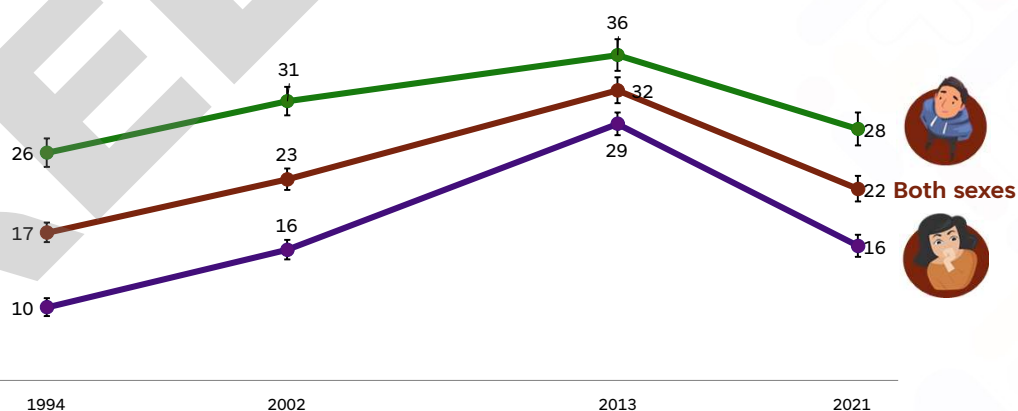
Percentage of female youth 15-24 years old who **ever had sex**, by region



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Premarital sex experience



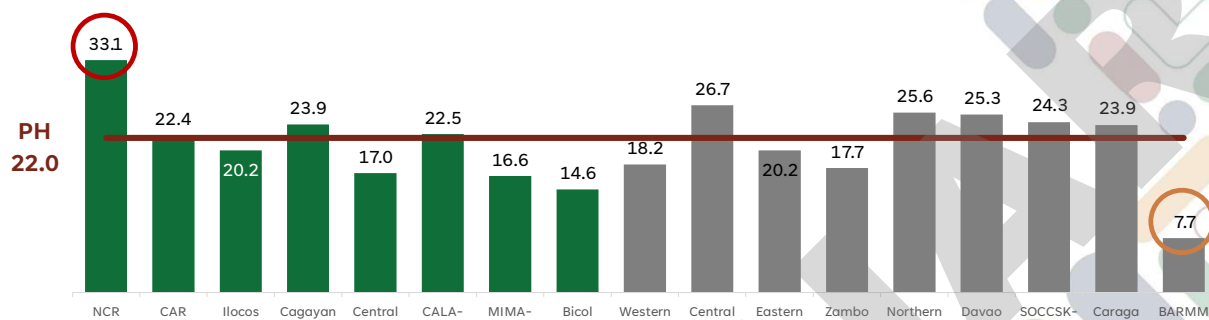
Percentage of youth 15-24 years old with premarital sex experience

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Premarital sex experience

Percentage of youth 15-24 years old with **premarital sex** experience, by region



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Sexual initiation before age 18

Percentage of youth aged 18-24 who had sex before age 18

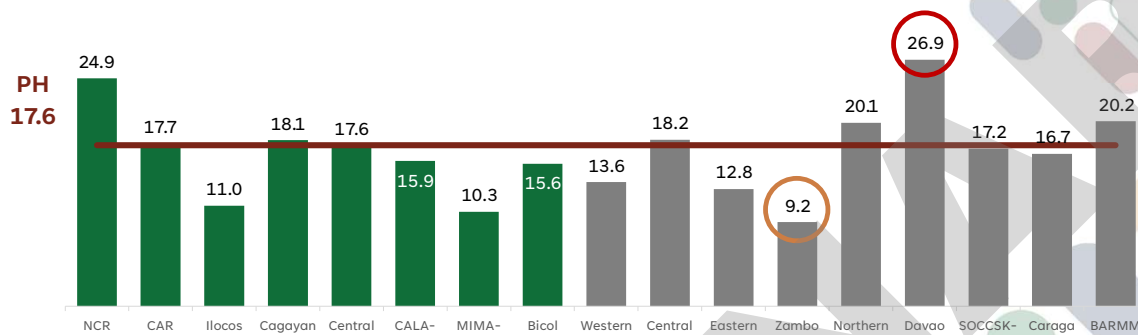


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Sexual initiation before age 18

Percentage of youth who engaged in **sexual intercourse before age 18**, by region

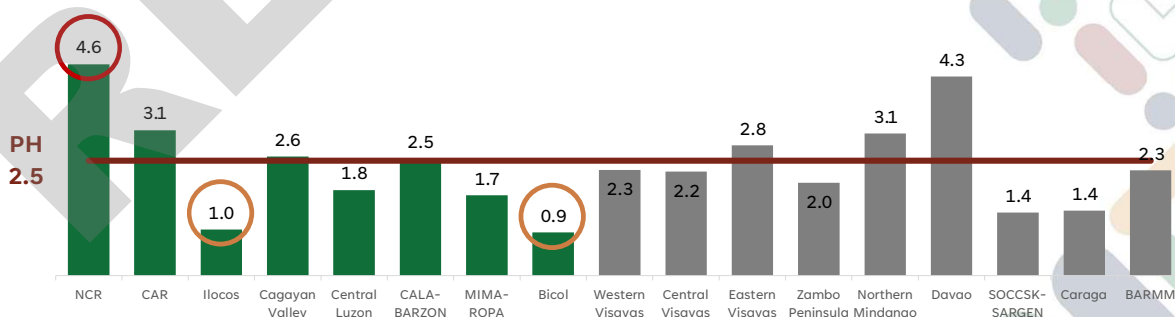


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Sexual initiation before age 15

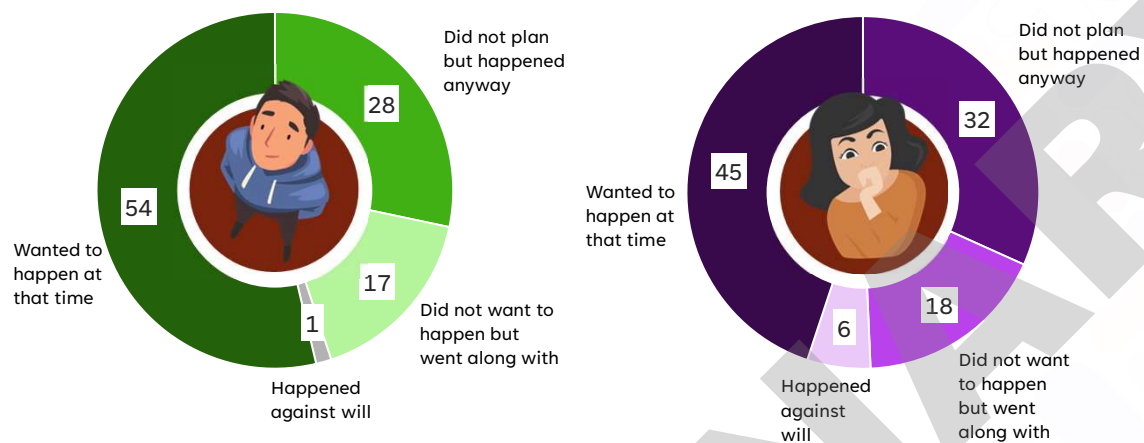
Percentage of youth who engaged in **sexual intercourse before age 15**, by region



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Wantedness of premarital sexual initiation



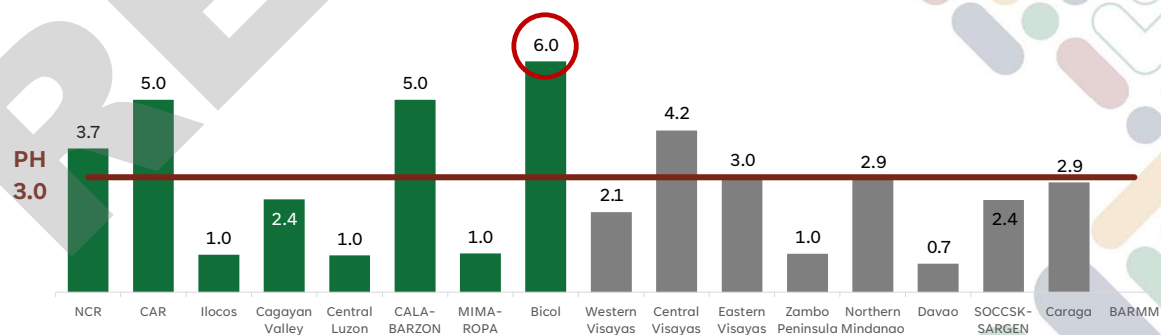
Percent distribution of the wantedness of first premarital sex of the youth

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Coercive premarital sexual initiation

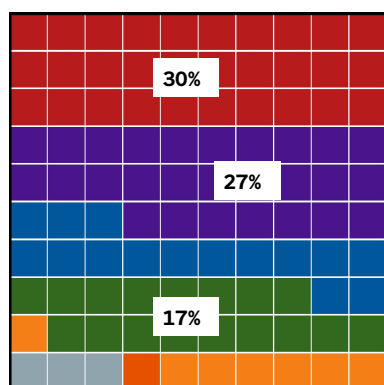
Percentage of youth whose 1st premarital sex experience happened against their will, by region



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Main reason for premarital sexual initiation



Male youth

To express love or affection

To relieve sexual tension

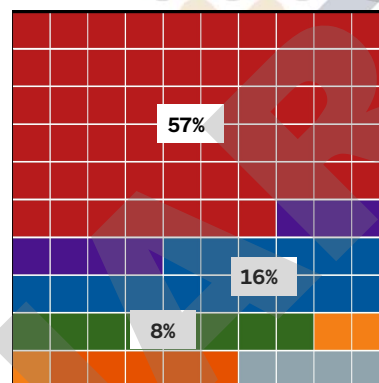
Because my partner wanted me to

To experience something new (Curiosity)

Under the influence of drugs/alcohol

To get pregnant/partner pregnant

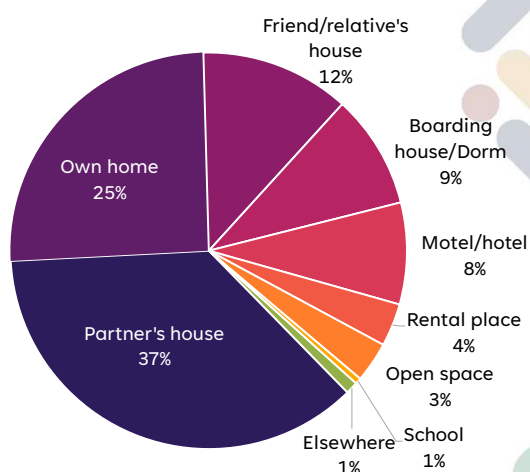
Others



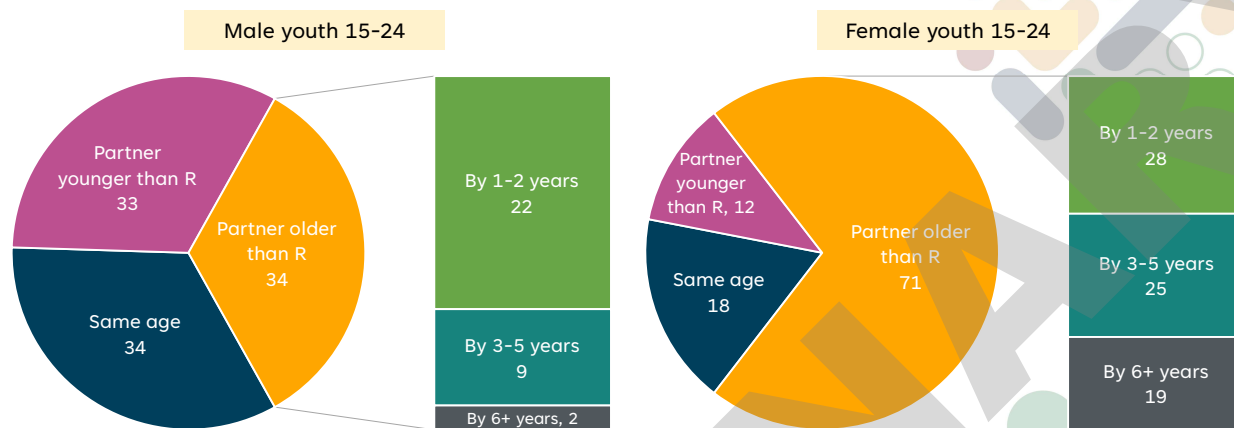
Female youth

Venue of premarital sexual initiation

Percent distribution of the venue of the youth's 1st premarital sex experience

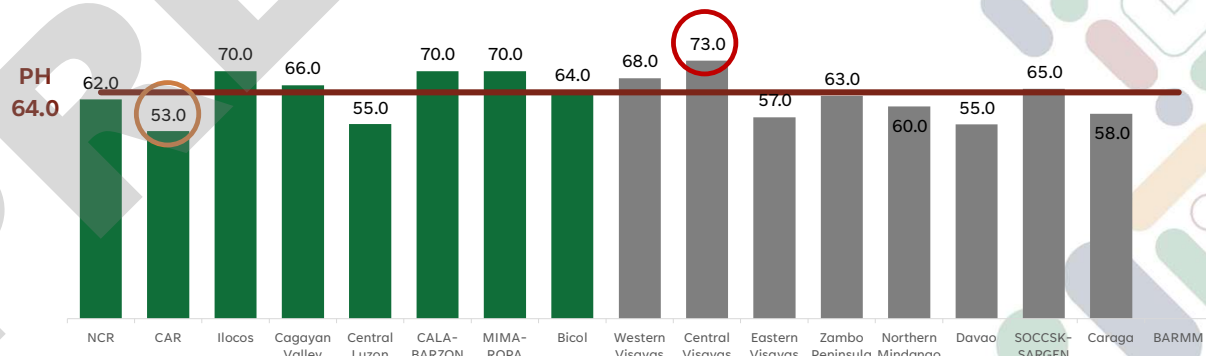


Age difference between the youth and sexual partner



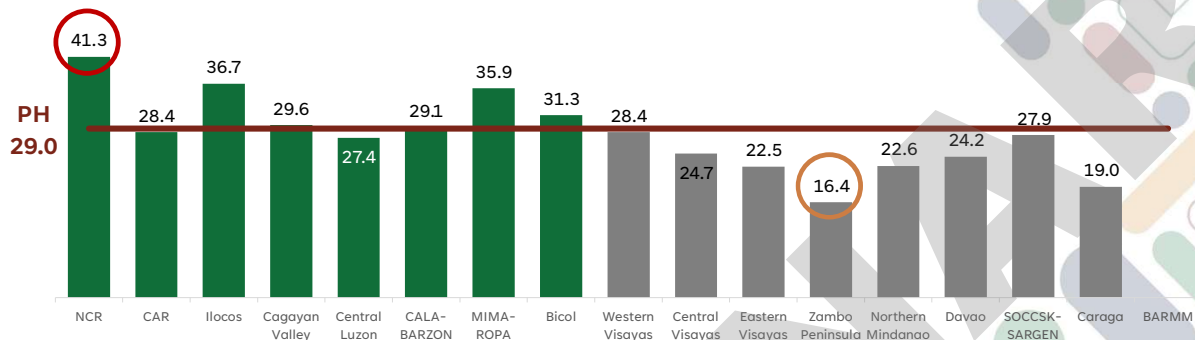
Use of protection during premarital sexual initiation

Percentage of youth who used any form of protection during 1st premarital sex, by region



Condom use during premarital sexual initiation

Percentage of youth who used condoms during 1st premarital sex, by region

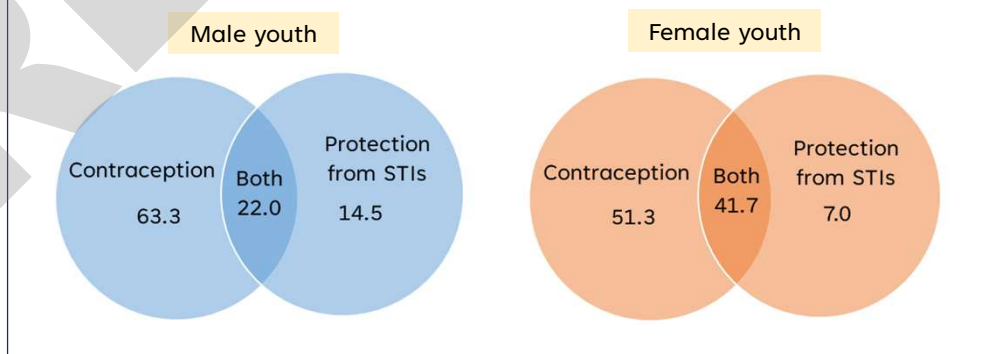


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Purpose of condom use during premarital sexual initiation

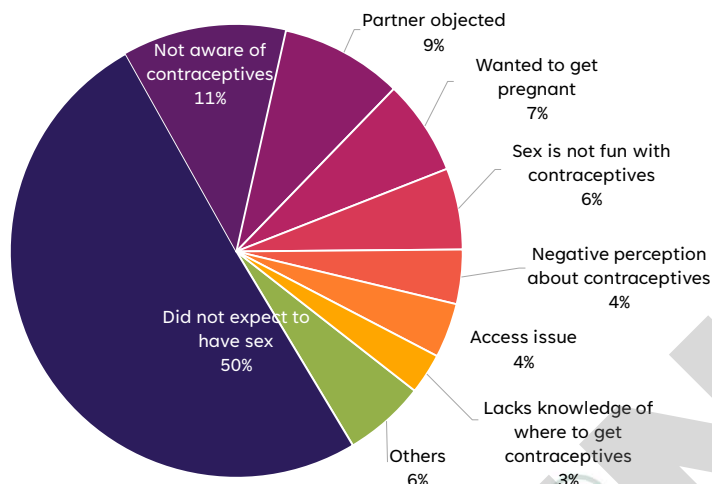
Percent distribution of the purpose of condom use during 1st premarital sex, by sex



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Reason for non-use of protection during premarital sexual initiation



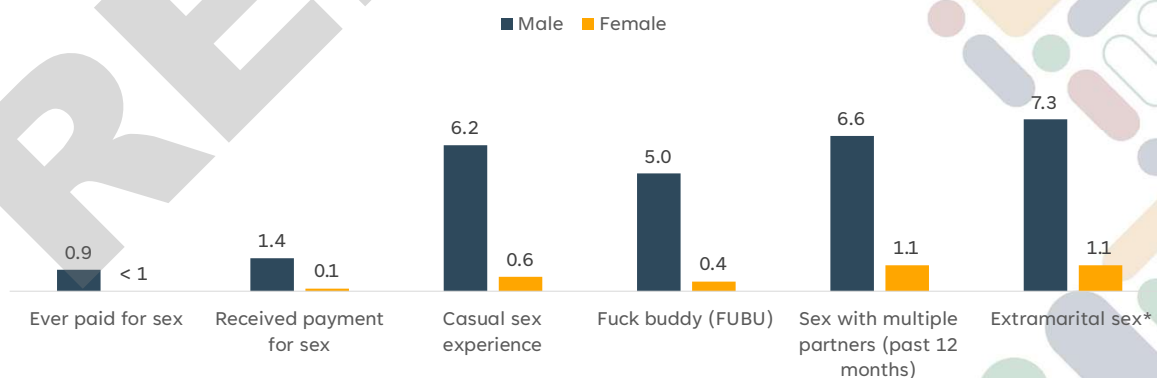
Percent distribution of the main reason for not using any protection during 1st PMS

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Risky sexual behavior

Percentage of youth who ever engaged in risky sexual behaviors, by sex



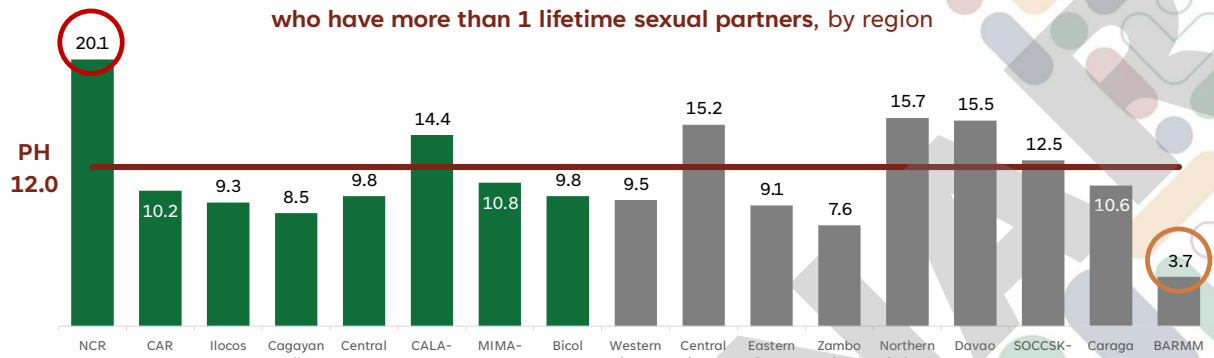
*Among ever-married youth

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Sex with multiple partners

Percentage of sexually-experienced youth who have more than 1 lifetime sexual partners, by region

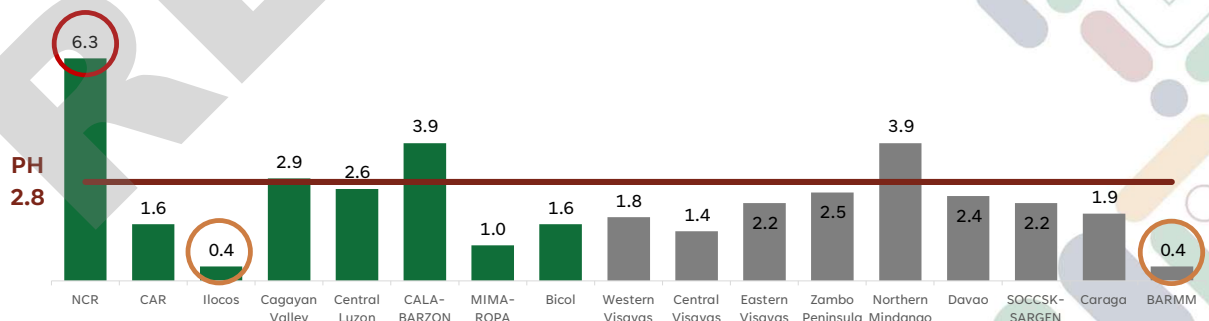


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Males who have sex with males

Percentage of male youth with MSM experience, by region

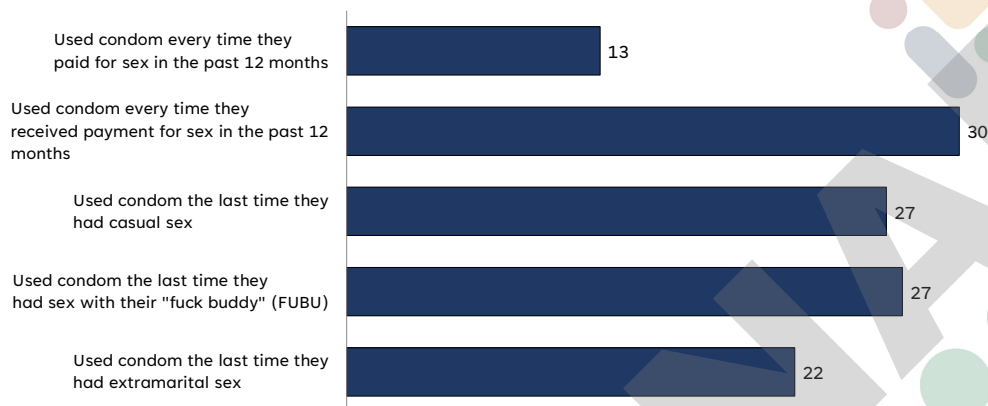


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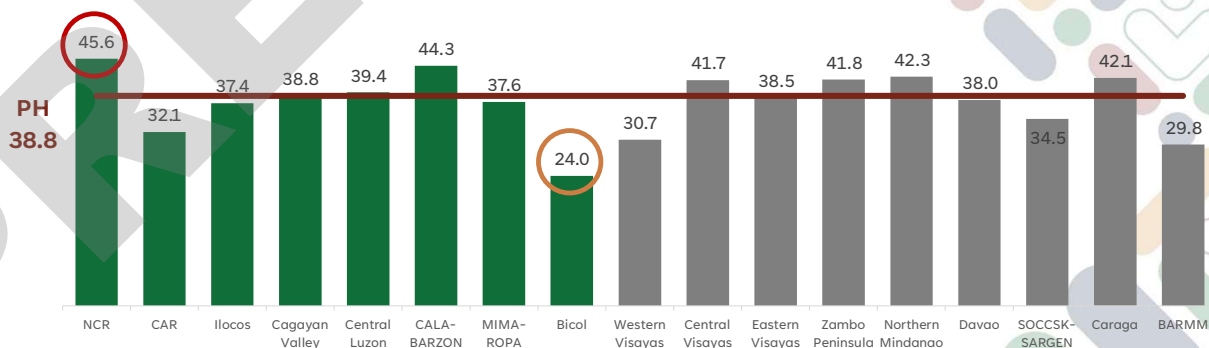
Condom use during risky sexual activities

Percentage of male youth who used a condom during risky sexual activities



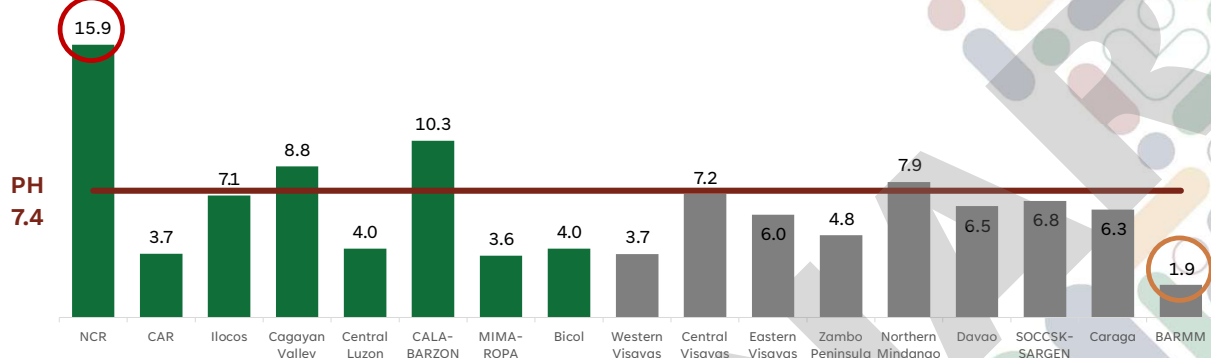
Masturbation

Percentage of youth who ever masturbated, by region



Oral sex experience

Percentage of youth who ever engaged in oral sex, by region

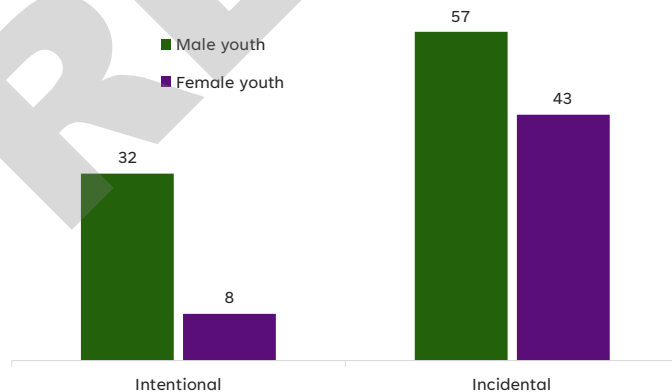


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Exposure to pornographic or sexually-explicit content in media

Percentage of youth aged 15-24 who have been exposed to pornographic or sexually explicit content



20% had **intentional** exposure in the last three months prior to the survey

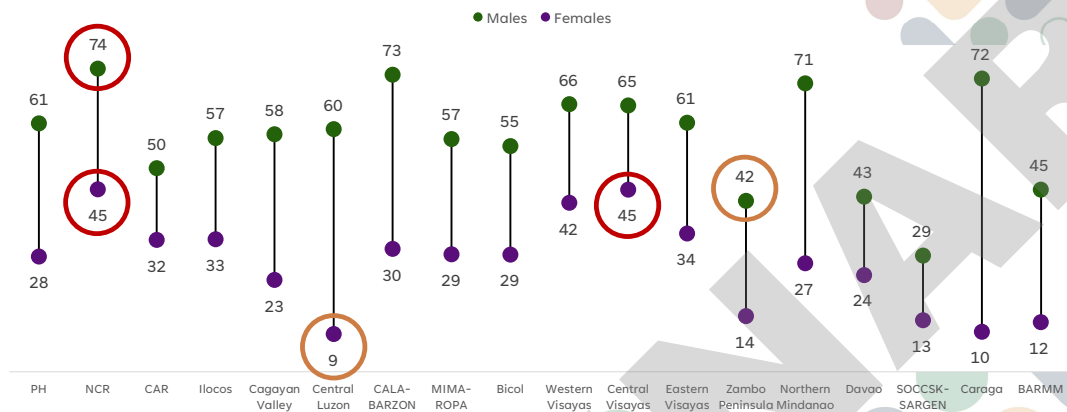
50% had **incidental** exposure in the last three months prior to the survey

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Intentional exposure to porn

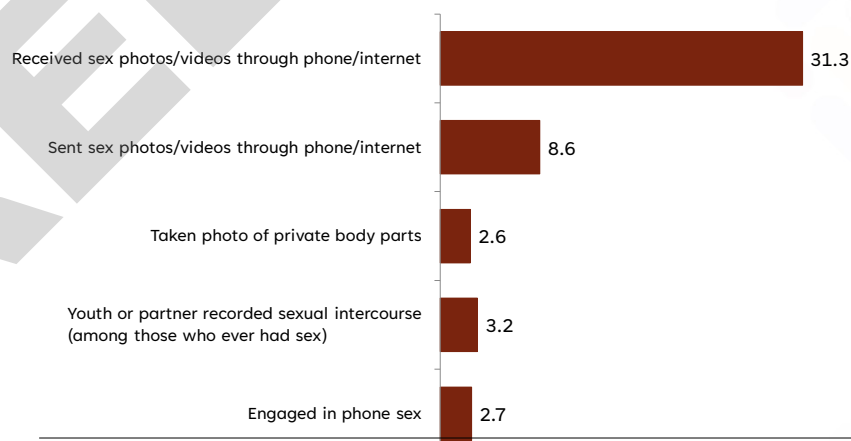
Percentage of youth who consciously access pornographic/sexually explicit materials, by region



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Use of ICTs for sex-related activities



Percentage of youth aged 15-24 who have engaged in ICT-mediated sexual activities

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Family planning

Current contraceptive use



Currently using any
FP method

27%

23%

modern FP method

4%

traditional FP method



Current FP users

35%

among currently married

26%

among sexually active
unmarried youth

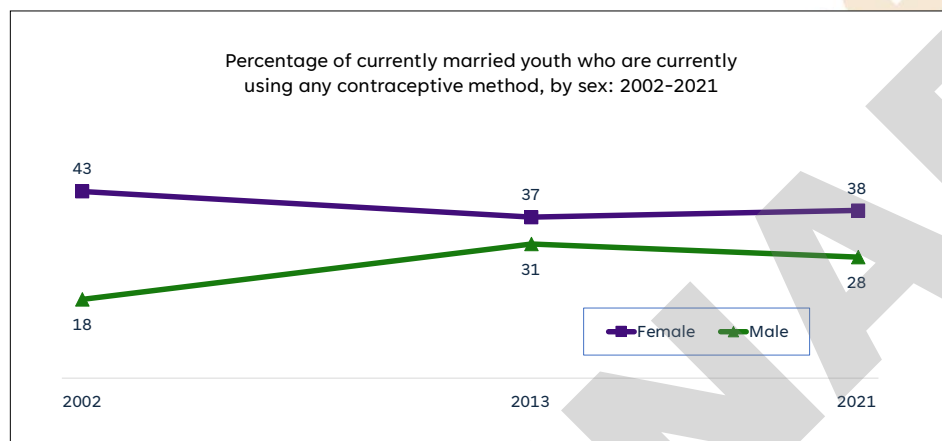


Most commonly
used FP method:

Pills (9%)

Condoms (8%)

Trends in current contraceptive use of currently married youth

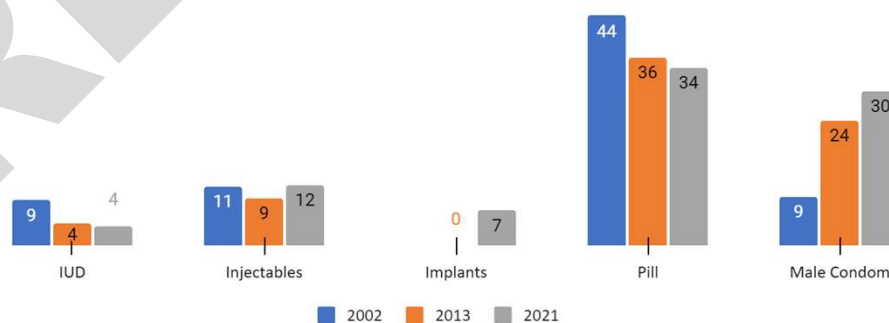


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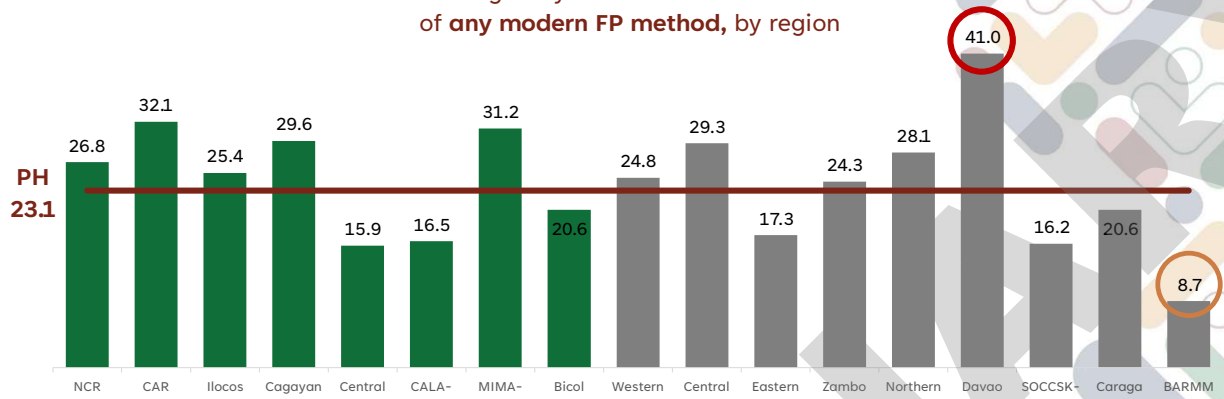
Trends in contraceptive method mix

Percentage of youth who are currently using any contraceptive method, by type of method: 2002-2021



Use of modern contraceptive methods

Percentage of youth who are current users of any modern FP method, by region

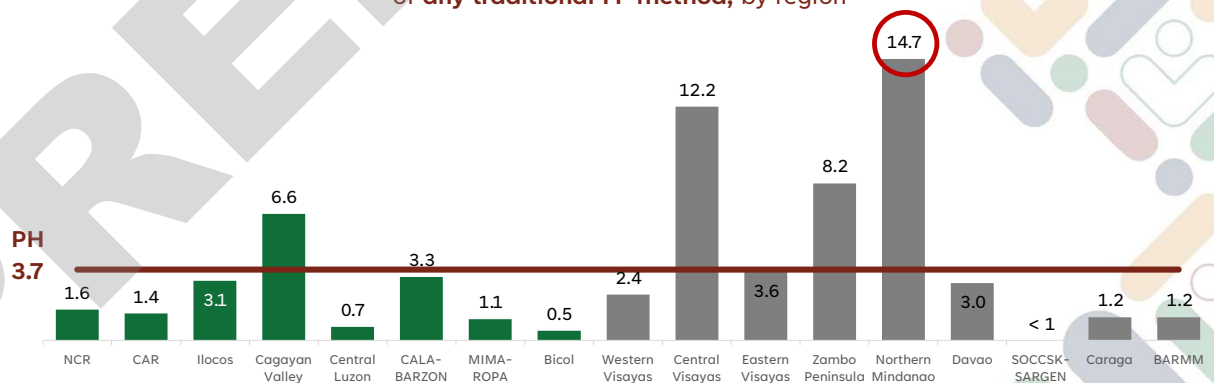


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Use of traditional contraceptive methods

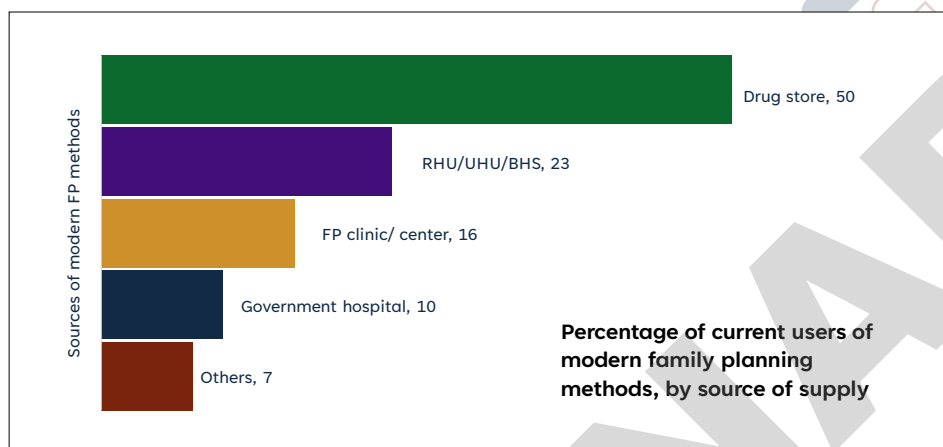
Percentage of youth who are current users of any traditional FP method, by region



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Sources of modern FP methods

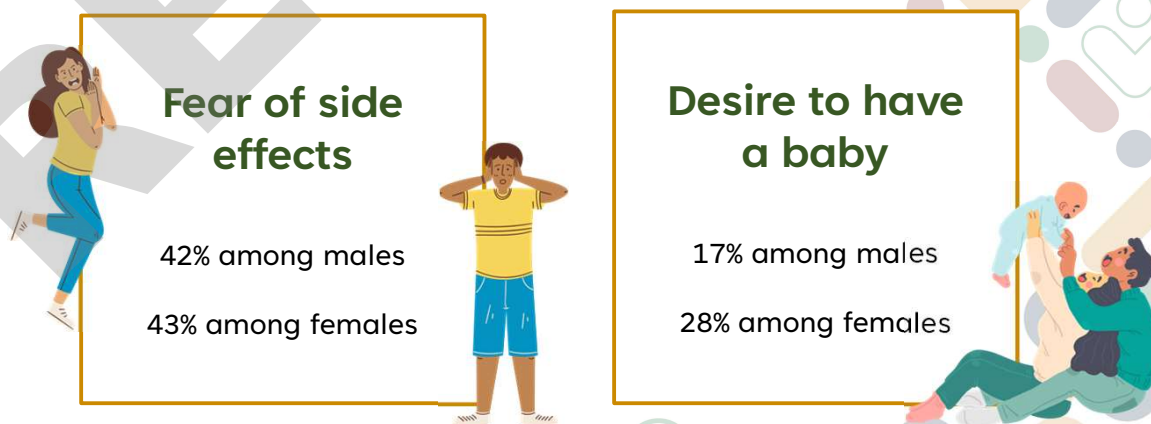


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Reasons for non-use of FP methods

The top reasons cited by the youth:

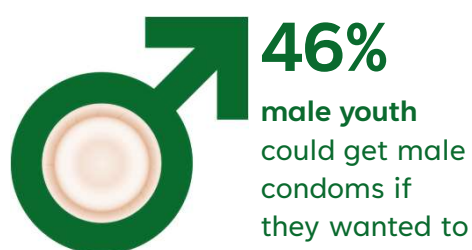


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Access to male condoms

One of three youth aged 15-24 could get male condoms if they wanted to.

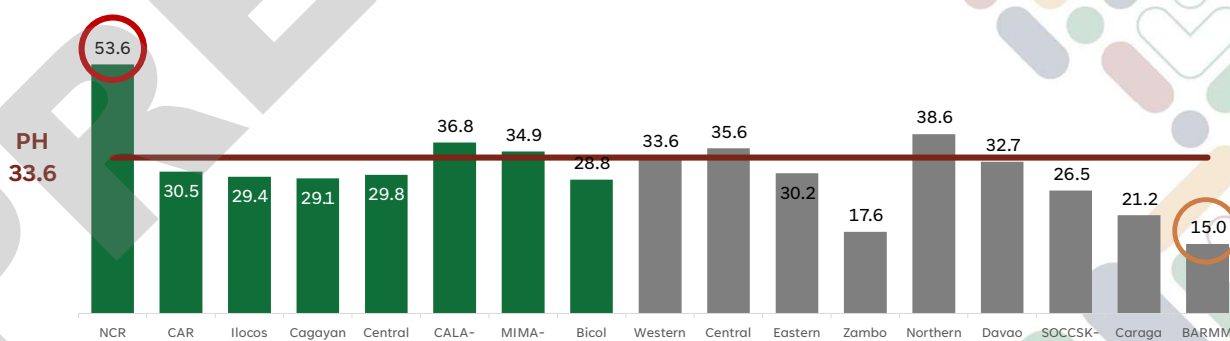


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Access to male condoms

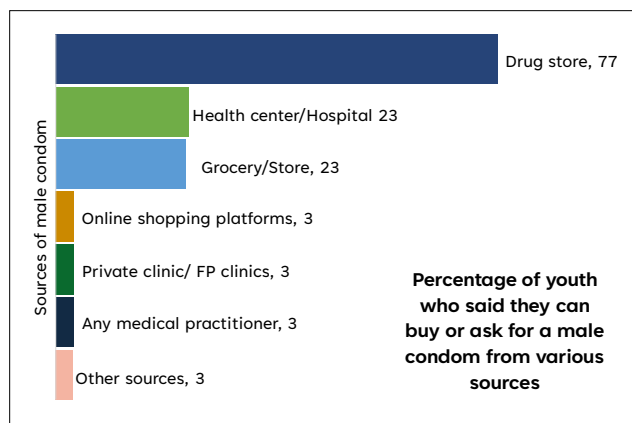
Percentage of youth who could get condom if they wanted to, by region



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Sources of male condoms



Nearly one-tenth always carry a condom with them.

11% male

3% female

Emergency contraceptive (EC) pills

Awareness of EC pills is **low**.

17% males and 20% females have heard of EC pills.

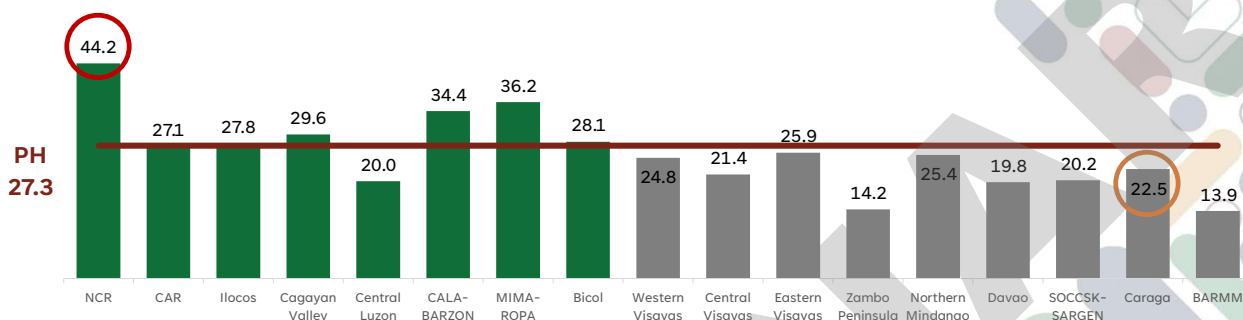


50% said these pills should be made available

but if EC pills were made available, only 27% would consider using or letting their partner use these pills

Potential users of EC pills

Percentage of youth who would consider using or letting their partner use EC pills if they were made available, by region



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Provision of contraceptives to minors

60%

agreed that government health centers should provide contraceptive services to minors

67%

agreed that government health centers should provide contraceptive services to minors

if there is parental consent



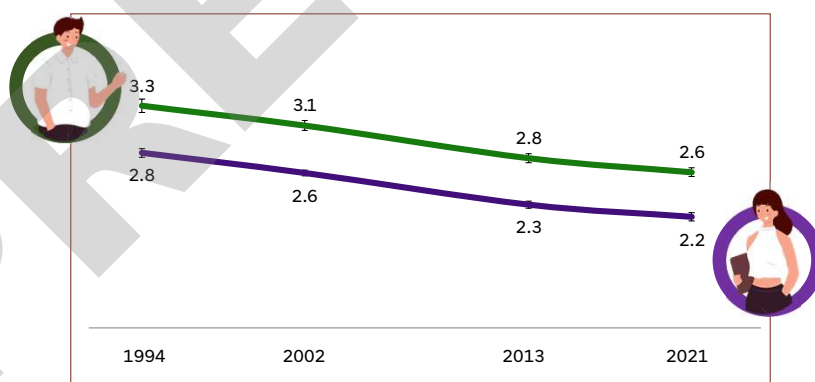
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Fertility preferences

Fertility preferences

Mean preferred number of children of youth aged 15-24 years

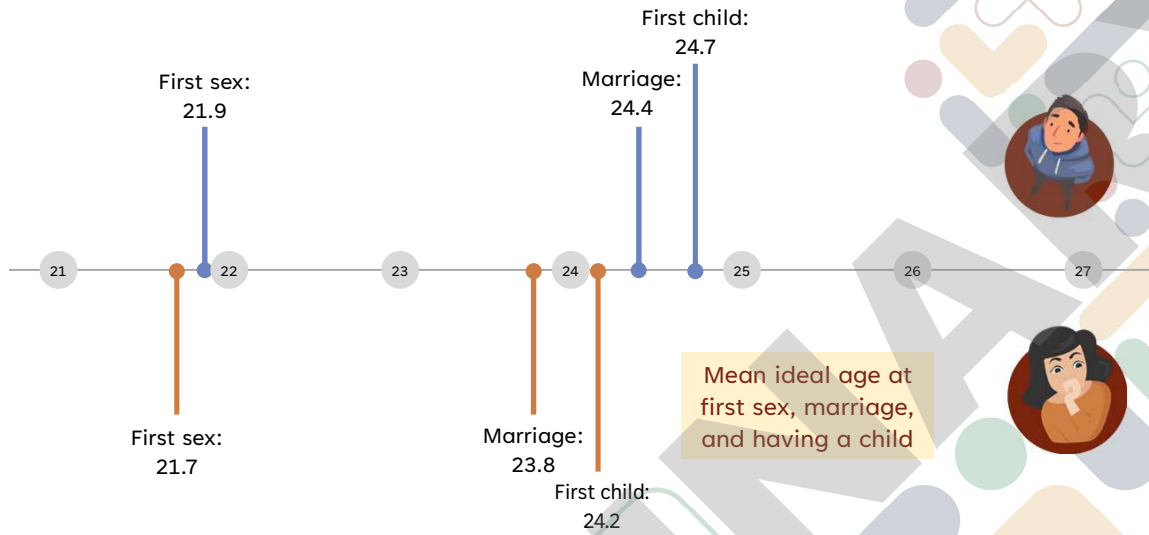


Male youth want slightly more children compared to female youth

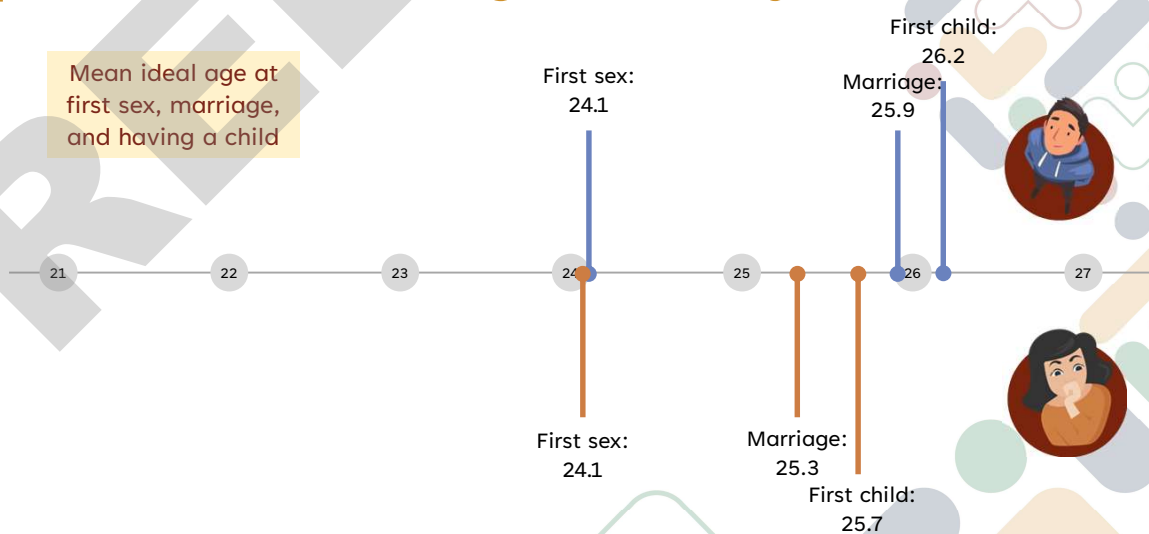


A declining trend for both sexes

Ideal ages for sexual initiation, marriage, and parenthood according to male youth



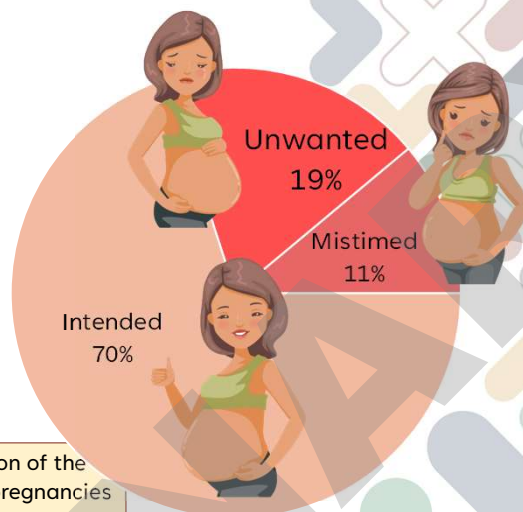
Ideal ages for sexual initiation, marriage, and parenthood according to female youth



Unintended pregnancies

3 in 10 pregnancies
among female adolescents aged
15-19 are **unintended**.

Percent distribution of the
intention status of pregnancies
among females aged 15-19
years



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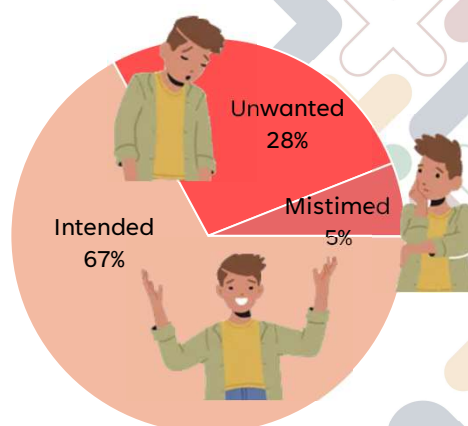
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Unintended pregnancies among male adolescents

Among pregnancies
fathered by male
adolescents aged 15-19,

1 in 3
are **unintended**.

Percent distribution of the **first pregnancy intention status** among males aged 15-19 years



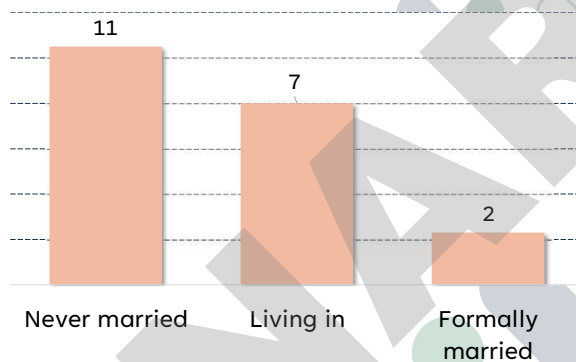
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Abortion attempt

6%
of ever-pregnant females
15-24 years old in 2021
**have done something to
terminate their pregnancy
early**, down from 12% in 2013.

Percentage of ever-pregnant females aged 15-24 years **who did something to end their pregnancy early** by marital status



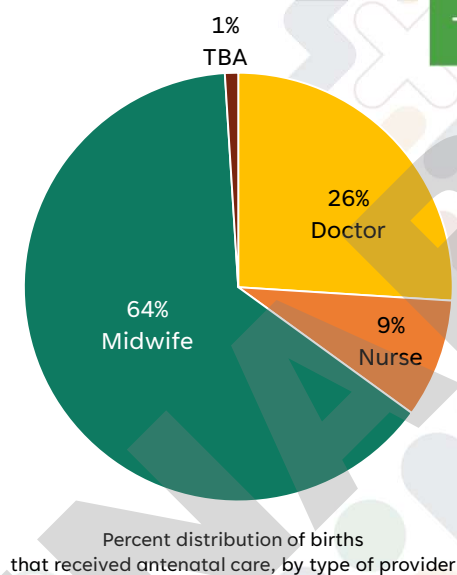
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Maternal health

Antenatal care

- Nine out of ten pregnancies resulting in live births **received ANC**
- 61% of ANC visits happened in the **first trimester of pregnancy**, representing a 10% increase from 2013
- 81% had **at least four ANC visits**

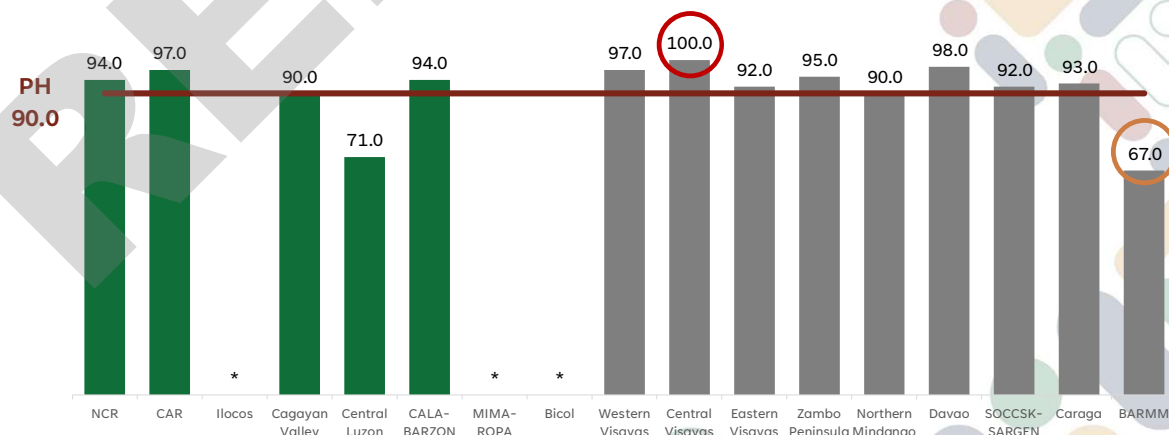


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Births with skilled ANC provider

Percentage of live births that received ANC from a skilled provider, by region

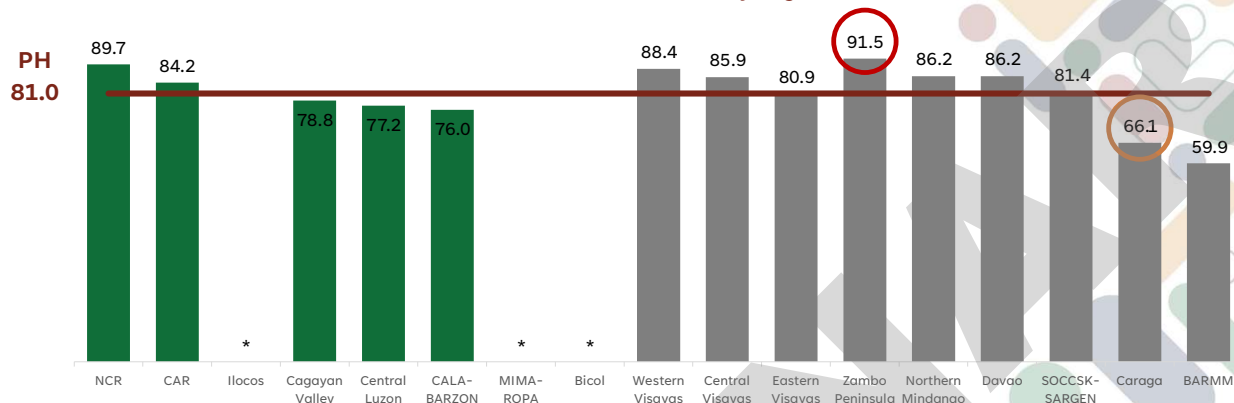


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Births with at least four ANC visits

Percentage of live births with at least four ANC visits, by region



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Pregnancy complications



One in 10
live births had complications during pregnancy that require treatment.



96% of complications
during pregnancy are brought to a health professional for consultation



5% of pregnancies
are lost before full-term

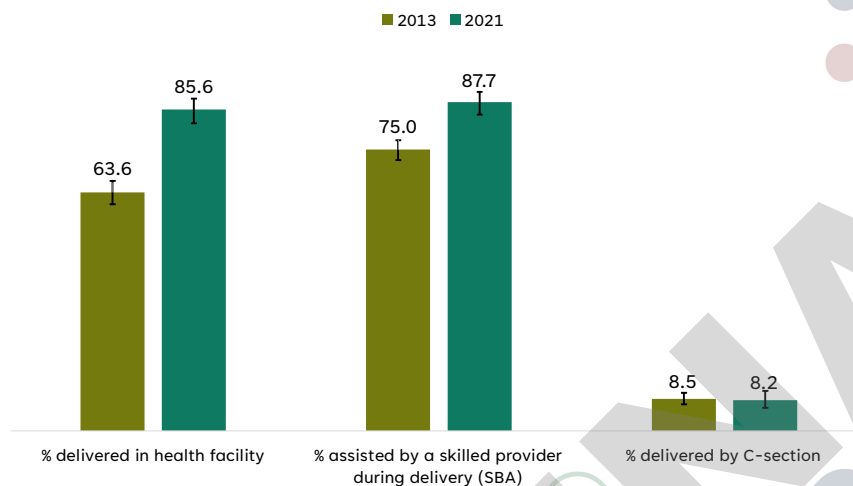
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Childbirth



Major birth delivery indicators (last birth): 2013 and 2021

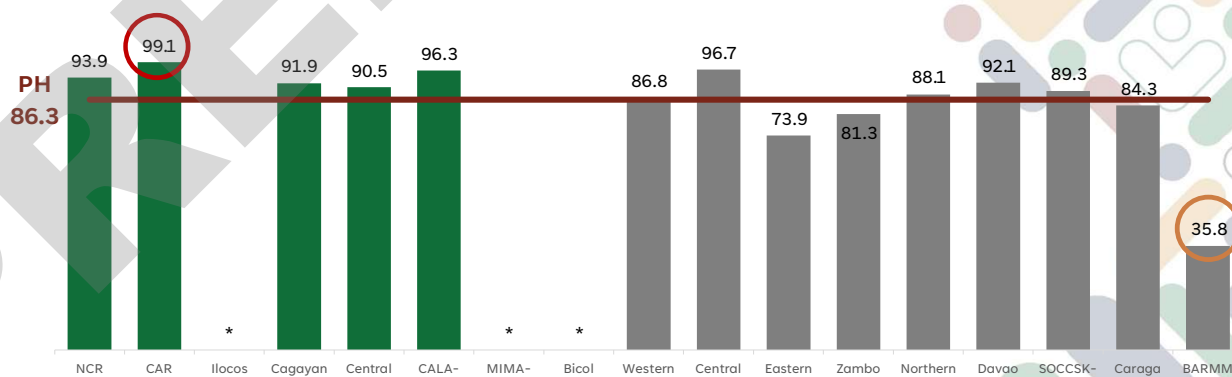


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Delivery in a health facility

Percentage of births delivered in a health facility, by region

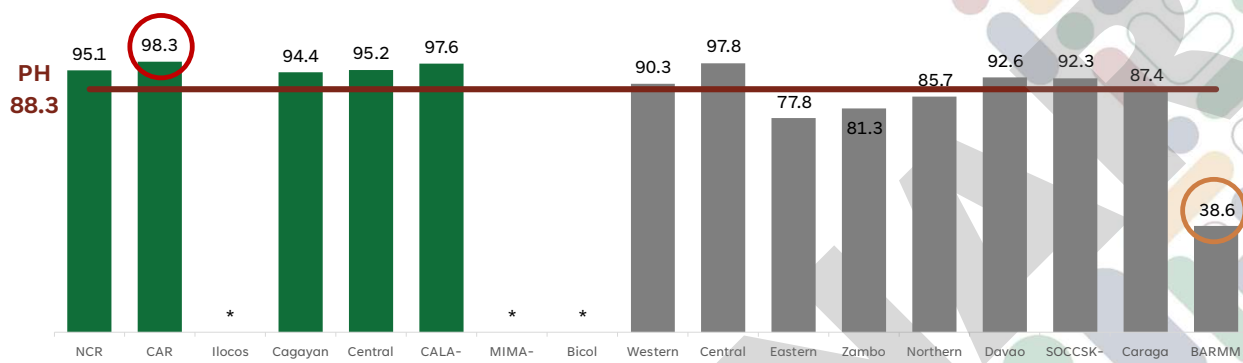


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Delivery by a skilled provider

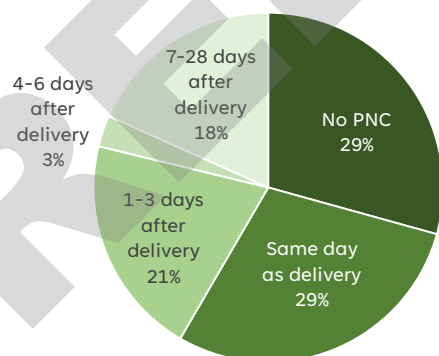
Percentage of births delivered by a skilled health provider, by region



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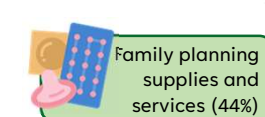
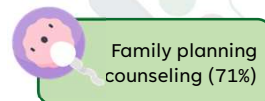
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Postnatal care



Percent distribution of last births, by timing of 1st postnatal checkup

The usual PNC services received are:



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Maternal healthcare challenges

Four in 10 female youth who had live births encountered at least one challenge in accessing prenatal or postnatal healthcare services.

The major barriers include:



Distance
(23%)



Transportation
(14%)



Cost
(13%)



Human
resource-related
(6%)



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Regional scorecard: Luzon

Indicators	NCR	CAR	Ilocos	Cagayan	C. Luzon	CLBRZN	MMRP	Bicol
Got pregnant before age 15	▼	▲	▲	▲	▼	▼	▼	▼
Got someone pregnant before age 20	▲	▼	▼	▲	▼	▼	▼	▼
Ever had sex	▲	▼	▼	▼	▼	▲	▼	▼
Had sex before age 15	▲	▲	▼	▲	▼		▼	▼
1 st PMS happened against their will	▲	▲	▼	▼	▼	▲	▼	▲
Used protection during 1 st PMS	▼	▼	▲	▲	▼	▲	▲	▼
Sex with multiple partners (lifetime)	▲	▼	▼	▼	▼	▲	▼	▼
Access to male condoms	▲	▼	▼	▼	▼	▲	▲	▼
Consider using EC pills	▲		▲	▲	▼	▲	▲	▲
Unintended pregnancies	▲	▲	▲		▼	▼	▼	▲
Had at least four ANC visits	▲	▲	*	▼	▼	▼	*	*
Births delivered by skilled provider	▲	▲	*	▲	▲	▲	*	*



YAFS5 Regional Dissemination – Luzon

YAFS5 Research Communication & Strategic Planning Workshop
Country Chateau Hotel, Tagaytay City
17-20 October 2023

