

# Indicator Interpretation Guide 2014/15

Sexual and Reproductive Health  
Module

2019



**New Zealand Health Survey**

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# Introduction

This guide provides detailed information on the definitions of the indicators in the analysis of the Sexual and Reproductive Health Module of the 2014/15 New Zealand Health Survey (the survey). It explains how we developed the indicators in the report from the questions in the survey.

The survey interviews more than 13,000 adults and the parents or caregivers of over 4,500 children annually. It collects a wealth of information on the health and wellbeing of New Zealanders and their use of health services. Each year it asks a core set of questions that do not change. Adults aged 16–74 years who had completed the 2014/15 survey were invited to participate in the Sexual and Reproductive Health module.

You can find more information and results from the survey, including data tables in the data explorer, online at [minhealthnz.shinyapps.io/nz-health-survey-2014-15-srh-data-explorer/](http://minhealthnz.shinyapps.io/nz-health-survey-2014-15-srh-data-explorer/)

The following publications provide additional information about the survey:

- *Content Guide 2014/15: New Zealand Health Survey* (Ministry of Health 2015a)
- *Methodology Report 2014/15: New Zealand Health Survey* (Ministry of Health 2015b).

## Structure of this document

This document sets out information by subject area (for example, 'First heterosexual sex'). For each subject area, it then sets out the individual indicators we analysed (for example, 'Heterosexual sex before the age of 16', and provides a short description of how indicators derive from responses to questions (for example, 'The percentage of people who had had heterosexual sex (vaginal, oral or anal sex) with a person of the opposite gender before the age of 16'). It then sets out the relevant question or questions from the survey, citing the question numbers given in the survey itself (for example, '3\_FirstIntEver'), and provides further notes on the questions themselves, or interpretation of indicators, if necessary.

# Technical notes

The following technical notes apply to the indicators generally.

## Gender-appropriate questions

The survey asked respondents questions appropriate to their gender. Where the text of the question includes '[female/male]', the survey asked respondents the question with the relevant gender for the question.

## 'Don't know' and 'Refused' options

For all questions, response options include 'Don't know' and 'Refused'.

## Estimated counts from ranges

Sometimes, the survey asked respondents to provide a number as a response. If a respondent could not provide an exact number, the survey asked them to estimate, choosing from a list of ranges. For the purpose of calculating a value such as a mean from such responses, analysis used the midpoint of the chosen range. If the respondent chose the last option, analysis used the low limit (for example, for the response 'More than 100', analysis used the number 100).



# First heterosexual sex

Before they answered questions in this section, respondents were provided with some explanations of terms, as follows:

Some of the questions that follow use terms like oral sex and vaginal intercourse. So that everyone attaches the same meaning to these terms they are explained below. Please read the explanations.

- Vaginal sex (vaginal sexual intercourse): a male's penis in a female's vagina.
- Oral sex (oral sexual intercourse): a female or male's mouth on a partner's genital area (giving or receiving).
- Anal sex (anal sexual intercourse): a male's penis in a partner's anus (rectum or back passage) (giving or receiving).
- Having sex: this includes vaginal, oral or anal sex.
- Genital area: A male's penis or a female's vagina – that is, the sex organs.

## First heterosexual sex before the age of 16

The percentage of people who had had heterosexual sex (vaginal, oral or anal sex) before the age of 16.

### Questions

#### 3\_FirstIntEver

Have you ever had sex with a [female/male]? That is vaginal sex, oral sex or anal sex.

1. Yes
2. No

If a respondent answered 'Yes' to this question, the survey asked a further question:

#### 3\_FirstIntEverAge

How old were you when you first had **sex** with a [female/male]? Please type in the number. If not sure, please estimate.

## Mean age at first heterosexual sex

The mean age of people's first heterosexual sex.

### Question

3\_FirstIntEverAge (see above).

## Median age at first heterosexual sex

The median age of people's first heterosexual sex.

### Question

3\_FirstIntEverAge (see above).

## Contraception used at first vaginal or anal heterosexual sex

The percentage of people who had used contraception at their first experience of heterosexual sex (aged 13 or older) that involved vaginal or anal sex.

### Questions

#### 3\_FrstPrec

What, if any, form of contraception or any other precaution was used on that occasion? You may choose more than one answer. If you have only had oral sex and not vaginal or anal sex on that occasion, please choose answer option 9, even if you did use a condom.

1. Condom
2. The Pill
3. Morning after pill (emergency contraceptive pill)
4. Other contraception
5. Withdrawal
6. Made sure it was a safe period

7. No precautions by me, don't know about partner
8. No precautions by either of us
9. Did not have vaginal or anal sex the first time

If a respondent answered '9' to this question, the survey asked a further question:

### 3\_FrstPen

The first time you had vaginal or anal sex, what if any form of contraception or any other precaution was used? You may choose more than one answer. If you have only had oral sex and not vaginal or anal sex, please choose answer option 9, even if you did use a condom

1. Condom
2. The Pill
3. Morning after pill (emergency contraceptive pill)
4. Other contraception
5. Withdrawal
6. Made sure it was a safe period
7. No precautions by me, don't know about partner
8. No precautions by either of us
9. I have not had vaginal or anal sex

### Note

The survey asked respondents about their first sex since turning 13 years old, to avoid causing them distress from thinking about earlier experiences. (Some people may have had their first volitional sex before they turned 13.)

## Condom used at first vaginal or anal heterosexual sex

The percentage of people who used a condom with their first experience of heterosexual sex (aged 13 or older) that involved vaginal or anal sex.

### Question

3\_FrstPen (see above).

# Willingness of partner at first heterosexual sex

The percentage of people who reported that, at their first heterosexual sex aged 13 or older, they and their partner were equally willing, or one was more willing than the other.

## Question

### 3\_BothWill

Would you say that you were both equally willing to have **sex** that first time, or was one of you more willing than the other?

1. Both equally willing
2. I was more willing
3. They were more willing

# View on timing of first heterosexual sex (ever had heterosexual sex)

The percentage of people who at the time of the survey thought that the timing of their first heterosexual sex after aged 13 years was at about the right time, too soon, or they should not have waited so long.

## Question

### 3\_RtTime

Looking back to the first time you had **sex** with a [female/male], do you think:

1. You should have waited longer before having sex
2. You should not have waited so long
3. It was at about the right time

## Notes

1. This question was not asked of those who responded to an earlier question that they had been forced on the occasion of their first heterosexual sex.

# Forced by partner at first heterosexual sex

The percentage of people who reported that they had been forced at their first heterosexual sex aged 13 or older.

## Questions

### 3\_BothWill (see above)

If a respondent answered 'They were more willing' to this question, the survey asked a further question:

### 3\_Forc

Would you say that:

1. You were also willing
2. You had to be persuaded
3. You were forced?

# Heterosexual sexual behaviour

Before they answered questions in this section, respondents were provided with the following preamble:

Some of the questions that follow use terms like oral sex and vaginal intercourse. So that everyone attaches the same meaning to these terms they are explained below. Please read the explanations.

- Vaginal sex (vaginal sexual intercourse): a male's penis in a female's vagina.
- Oral sex (oral sexual intercourse): a female or male's mouth on a partner's genital area (giving or receiving).
- Anal sex (anal sexual intercourse): a male's penis in a partner's anus (rectum or back passage) (giving or receiving).
- Having sex: this includes vaginal, oral or anal sex.
- Genital area: A male's penis or a female's vagina – that is, the sex organs.

## Heterosexual sex in lifetime

The percentage of people who had ever had heterosexual sex, defined as vaginal, oral or anal sex.

### Question

#### 3\_FirstIntEver

Have you ever had sex with a [female/male]? That is vaginal sex, oral sex or anal sex.

1. Yes
2. No

## Heterosexual sex in the last year (total population)

The percentage of people who had had heterosexual sex, defined as vaginal, oral or anal sex, in the 12 months preceding the survey.

### Question

#### 4\_Het1Yr

Altogether, in the last 12 months, how many [females/males] have you had sex with? Please type in the number. Please give an estimate if you can't say exactly.

The range options were:

1. 1
2. 2 to 5
3. 6 to 10
4. 11 to 20
5. 21 to 50
6. 51 to 100
7. Over 100

## Vaginal sex in the last year (total population)

The percentage of people who had had vaginal sex (a) in the last year and (b) in the last four weeks.

The preamble to the relevant questions was as follows:

The next questions are about different kinds of **sex** with [females/males]. Some questions may sound similar to questions you have already answered, but we need to ask them again.

## Question

### 4\_LastVag

When, if ever, was the last occasion you had vaginal sex with a [male/female]? Vaginal sex is a male's penis in a female's vagina.

1. In the last 7 days
2. Between 7 days and 4 weeks ago
3. Between 4 weeks and 6 months ago
4. Between 6 months and 1 year ago
5. Between 1 and 5 years ago
6. More than 5 years ago
7. Never had vaginal sex

## Vaginal sex in the last year (ever had heterosexual sex)

The percentage of people who had ever had heterosexual sex who had had vaginal sex (a) in the last year and (b) in the last four weeks.

## Question

4\_LastVag (see above).

## Vaginal sex in the last four weeks (total population)

The percentage of people who had had vaginal sex in the last four weeks.

## Question

4\_LastVag (see above).



## Vaginal sex in the last four weeks (ever had heterosexual sex)

The percentage of people who had ever had heterosexual sex who had had vaginal sex in the last four weeks.

### Question

4\_LastVag (see above).

## Oral sex in the last year (total population)

The percentage of people who had had oral sex in the last year.

### Question

#### 4\_OralSex

When, if ever, was the last occasion you had oral sex with a [female/male]? Oral sex is a female's or male's mouth on a partner's genital area.

1. In the last 7 days
2. Between 7 days and 4 weeks ago
3. Between 4 weeks and 6 months ago
4. Between 6 months and 1 year ago
5. Between 1 and 5 years ago
6. More than 5 years ago
7. Never had oral sex

## Oral sex in the last year (ever had heterosexual sex)

The percentage of people who had ever had heterosexual sex who had had oral sex in the last year.

### Question

4\_OralSex (see above).

## Anal sex in the last year (total population)

The percentage of people who had had anal sex in the last year.

### Question

#### 4\_AnalSex

When, if ever, was the last occasion you had anal sex with a [female/male]? Anal sex is a male's penis in a partner's anus (rectum or back passage).

1. In the last 7 days
2. Between 7 days and 4 weeks ago
3. Between 4 weeks and 6 months ago
4. Between 6 months and 1 year ago
5. Between 1 and 5 years ago
6. More than 5 years ago
7. Never had anal sex

## Anal sex in the last year (ever had heterosexual sex)

The percentage of people who had ever had heterosexual sex who had had anal sex in the last year.

### Question

4\_AnalSex (see above).

## Genital contact in the last year (total population)

The percentage of people who had had genital contact not involving vaginal, oral or anal sex in the last year.

### Question

#### 4\_GenCont

When, if ever, was the last occasion you had genital contact with a [female for men/male for women] not involving vaginal, oral, or anal sex? That is, genital contact intended to achieve orgasm, for example, stimulating by hand.

1. In the last 7 days
2. Between 7 days and 4 weeks ago
3. Between 4 weeks and 6 months ago
4. Between 6 months and 1 year ago
5. Between 1 and 5 years ago
6. More than 5 years ago
7. Never had genital contact without vaginal or oral or anal sex as well

## Genital contact in the last year (ever had heterosexual sex)

The percentage of people who had ever had heterosexual sex who had had genital contact not involving vaginal, oral or anal sex in the last year.

### Question

4\_GenCont (see above).

## 0, 1 or 2+ partners in the last year (total population)

The percentage of people having no, one or two or more heterosexual sex partners in the last year.

The preamble to the relevant questions was as follows:

The next questions are about the number of [females/males] you have had **sex** with at different times in your life. Some questions may sound similar to questions you have already answered, but we need to ask them again.

When answering these questions please include everyone you have ever had sex with, whether it was just once, a few times, a regular partner or [wife/husband].

### Question

If a respondent answered one or more to a question on the number of partners they had had in the last five years, the survey asked a further question:

#### 4\_Het1Yr

Altogether, in the last 12 months, how many [females/males] have you had **sex** with? Please type in the number. Please give an estimate if you can't say exactly.

## 0, 1 or 2+ partners in the last year (ever had heterosexual sex)

The percentage of people who had ever had heterosexual sex having no, one or two or more heterosexual sex partners in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### Question

4\_Het1Yr (see above).

## Mean number of partners in the last year (total population)

The mean number of heterosexual sex partners people had had in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### Question

#### 4\_HetLife

Altogether, in your life so far, how many [females/males] have you had **sex** with (vaginal, oral or anal)? Please type in the number. Please give an estimate if you can't say exactly.

The range options were:

1. 1
2. 2 to 5
3. 6 to 10
4. 11 to 20
5. 21 to 50
6. 51 to 100
7. Over 100

## **Median number of partners in the last year (total population)**

The median number of heterosexual sex partners people had had in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Mean number of partners in the last year (ever had heterosexual sex)**

The mean number of heterosexual sex partners people who had ever had heterosexual sex had had in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Median number of partners in the last year (ever had heterosexual sex)**

The median number of heterosexual sex partners people who had ever had heterosexual sex had had in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Mean number of partners in the last year (had heterosexual sex in last 12 months)**

The mean number of heterosexual sex partners people who had had heterosexual sex in the last 12 months had had in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Median number of partners in the last year (one or more partners)**

The median number of heterosexual sex partners people who had had one or more partners had had in the last year.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Mean number of partners in lifetime (total population)**

The mean number of heterosexual sex partners people had had in their lifetime.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Median number of partners in lifetime (total population)**

The median number of heterosexual sex partners people had had in their lifetime.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Mean number of partners in lifetime (ever had heterosexual sex)**

The mean number of heterosexual sex partners people who had ever had heterosexual sex had had in their lifetime.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).

## **Median number of partners in lifetime (ever had heterosexual sex)**

The median number of heterosexual sex partners people who had ever had heterosexual sex had had in their lifetime.

The preamble to the relevant question was as for question 4\_Het1Yr above.

### **Question**

4\_HetLife (see above).



## Condom always used with vaginal/anal sex in the last year (two or more partners)

The percentage of men and women who always used condoms if they had had two or more partners in the last year.

### Question

#### 4\_YrCond

In the last 12 months, if you've had vaginal or anal sex with a [female/male], how often was a condom used?

1. Every time
2. Most of the time
3. Occasionally
4. Not at all
5. Have not had vaginal or anal sex in the last 12 months

## Sex with non-cohabiting partner in the last year (total population)

The percentage of people who had had vaginal or anal sex with a non-cohabiting partner in the last year.

### Questions

#### 8\_R1\_Date

The next questions are about the person or people you have had sex with most recently. These may be people you had sex with once, or a few times, or regular partners or a (wife/husband). The following questions cover up to three partners.

Please start by thinking about the person you had sex with most recently, whether this was quite recently or some while ago.

This may be the person you have already answered about earlier, so some questions may sound similar to questions you have already answered, but we need to ask them again.

When was the most recent occasion you had sex with that person?

1. In the last 7 days
2. Between 7 days and 4 weeks ago
3. Between 4 weeks and 6 months ago
4. Between 6 months and 1 year ago
5. Between 1 and 5 years ago
6. More than 5 years ago

## 8\_R1Sex

Is that person male or female?

1. Male
2. Female

## 8\_R1Cond

Was a condom used on that most recent occasion?

1. Yes
2. No
3. We did not have vaginal or anal sex on that most recent occasion

## 8\_R1Pen

On the most recent occasion you had vaginal or anal sex, was a condom used?

1. Yes
2. No
3. We have not had vaginal or anal sex

## 8\_R1Rel

Which one of these descriptions applies best to you and that person at the time you most recently had sex?

1. We were living together as a couple/married/in a civil partnership at the time
2. We were in a steady relationship at the time
3. We used to be in a steady relationship, but were not at that time
4. We had known each other for a while, but were not in a steady relationship
5. We had recently met
6. We had just met for the first time
7. Other

## Note

These questions were repeated for a second and third partner if a person had had sex with more than one person in the last year, but not for any partners beyond those three.

## **Sex with non-cohabiting partner in the last year (ever had sex)**

The percentage of people who had ever had sex who had had vaginal or anal sex with a non-cohabiting partner in the last year.

### Questions

8\_R1\_Date, 8\_R1Sex, 8\_R1Cond, 8\_R1Pen, 8\_R1Rel (see above).

## **Condom used at most recent vaginal/anal sex in the last year with non-cohabiting partner**

The percentage of people who used a condom if they had had sex with a non-cohabiting partner.

### Question

8\_R1Cond (see above).

# Sexual orientation

## Sexual identity (total population)

How respondents self-identified sexually.

### Question

#### 15\_SxIdent

Which of the following options best describes how you think of yourself?

1. Heterosexual or straight
2. Gay or lesbian
3. Bisexual
4. Other

### Note

As for all questions, one answer option for this question is 'Don't know'. For consistency with analysis of all the other questions, we have excluded those who answered 'Don't know' for the numerator and the denominator. We appreciate that, in this context, 'Don't know' is arguably a category in itself, because it is likely to reflect a meaningful questioning of a person's self-identity, rather than (for example) a failure to recall a certain piece of information, as in other contexts.

## Sexual identity (men)

How male respondents self-identified sexually.

### Question

15\_SxIdent (see above).

# Sexual identity (women)

How female respondents self-identified sexually.

## Question

15\_SxIdent (see above).

# Same-gender sex in lifetime

The proportion of respondents who had had sex, defined as oral (or anal for men) or any other genital contact intended to achieve orgasm, with an individual of the same gender since turning age 13.

The preamble to the relevant questions was as follows:

Some of the questions that follow use terms like oral sex and vaginal intercourse. So that everyone attaches the same meaning to these terms they are explained below. Please read the explanations.

### Definitions

- Oral sex (oral sexual intercourse): a female or male's mouth on a partner's genital area (giving or receiving).
- Anal sex (anal sexual intercourse): a male's penis in a partner's anus (rectum or back passage) (giving or receiving).
- Genital contact: genital contact intended to achieve orgasm, for example, stimulating by hand.
- Having sex: this includes oral or anal sex or genital contact.
- Genital area: A male's penis or a female's vagina – that is, the sex organs.

## Questions

### 6\_FirstIntEverSam

Have you ever had **sex** with a [male/female]? That is oral [or anal for men] sex or any other genital contact intended to achieve orgasm?

1. Yes
2. No

If a respondent answered 'Yes' to this question, the survey asked a further question:

## 6\_FirstIntEverAgeSam

How old were you when you first had **sex** with a [female/male]? Please type in the number. If not sure, please estimate.

Respondents could enter an age from 0 to 74 years.

If the response was younger than 13 years, the survey asked the respondent:

## 6\_GeniSam

Have you ever had **sex** with a [male/female] since turning 13 years old? That is oral [or anal for men] sex or any other genital contact intended to achieve orgasm?

1. Yes
2. No

# Had a sexual partner of the same gender in the last five years

The proportion of respondents who had had sex, defined as oral (or anal for men) or any other genital contact intended to achieve orgasm) with an individual of the same gender when over the age of 13 and in the last five years.

## Question

If a respondent answered that they had ever had sex with an individual of the same gender since age 13 (that is, responded 'Yes' to question 6\_GeniSam: see above), the survey asked a further question:

## 7\_Sam5Yrs

Altogether, in the last five years, how many [males/females] have you had **sex** with? Please give an estimate if you can't say exactly.

Respondents could enter a number from 0 to 9,997.

## Note

Those who reported a number greater than zero were considered to have had same-gender contact in the last five years.

# Sexual attraction in lifetime (total population)

The proportion of all respondents who had only ever been sexually attracted to the opposite gender, who had been sexually attracted to both genders, who had only ever been sexually attracted to the same gender, or who had never had any sexual attraction.

## Question (for men)

### 15\_SxAttrM

What best describes who you have ever felt sexually attracted to?

I have felt sexually attracted:

1. Only to females, never to males
2. More often to females and at least once to a male
3. About equally often to females and males
4. More often to males, and at least once to a female
5. Only to males, never to females
6. I have never felt sexually attracted to anyone at all

## Question (for women)

### 15\_SxAttrF

What best describes who you have ever felt sexually attracted to?

I have felt sexually attracted:

1. Only to males, never to females
2. More often to males, and at least once to a female
3. About equally often to males and to females
4. More often to females, and at least once to a male
5. Only to females, never to males
6. I have never felt sexually attracted to anyone at all

## Note

In the data explorer, the response 'Men and women' is reported if the respondent answered either of the two 'more often ...' responses or the 'about equally often to females and males' response (options 2, 3 or 4).

## Sexual attraction in lifetime (men)

The proportion of all male respondents who had only ever been sexually attracted to the opposite gender, who had been sexually attracted to both genders, who had only ever been sexually attracted to the same gender, or who had never had any sexual attraction.

### Question

15\_SxAttrM (see above).

## Sexual attraction in lifetime (women)

The proportion of all female respondents who had only ever been sexually attracted to the opposite gender, who had been sexually attracted to both genders, who had only ever been sexually attracted to the same gender, or who had never had any sexual attraction.

### Question

15\_SxAttrF (see above).

## Sexual attraction in the last year (total population)

The proportion of people who, in the last year, had only been sexually attracted to the opposite gender, had been sexually attracted to both genders, had only been sexually attracted to the same gender, or had never had any sexual attraction.



## Question (for men)

### 15\_SxAttrYearM

In the last 12 months, what best describes who you have felt sexually attracted to?

I have felt sexually attracted:

1. Only to females, never to males
2. More often to females and at least once to a male
3. About equally often to females and males
4. More often to males, and at least once to a female
5. Only to males, never to females
6. I have never felt sexually attracted to anyone at all

## Question (for women)

### 15\_SxAttrYearF

In the last 12 months, what best describes who you have felt sexually attracted to?

I have felt sexually attracted:

1. Only to males, never to females
2. More often to males, and at least once to a female
3. About equally often to males and to females
4. More often to females, and at least once to a male
5. Only to females, never to males
6. I have not felt sexually attracted to anyone at all

## Sexual attraction in the last year (men)

The proportion of men who, in the last year, had only been sexually attracted to the opposite gender, had been sexually attracted to both genders, had only been sexually attracted to the same gender, or had never had any sexual attraction.

## Question

15\_SxAttrM (see above).

# Sexual attraction in the last year (women)

The proportion of women who, in the last year, had only been sexually attracted to the opposite gender, had been sexually attracted to both genders, had only been sexually attracted to the same gender, or had never had any sexual attraction.

## Question

15\_SxAttrF (see above).

# Contraception

## Need for contraception satisfied using modern methods

The percentage of women under the age of 50 years who (a) had had vaginal sex with a man in the last four weeks, and (b) were not currently pregnant, and (c) had not stopped having periods, and (d) and were not currently trying to get pregnant, who reported using any 'modern method' of contraception 'these days'.

### Question

#### 5\_ContNow

What contraception method is your usual method these days?

You may choose more than one answer.

1. No method used these days
2. The Pill
3. Male condom
4. Female condom
5. Morning after pill (emergency contraceptive pill)
6. Emergency intra-uterine device (IUD)
7. Coil/Intra-uterine device (IUD)
8. Intra-uterine system (IUS), including MIRENA
9. Cap/diaphragm
10. Injections, including Depo-Provera
11. Implants, including Jadelle
12. I/my partner (s) has had a vasectomy
13. I/my partner (s) has had their tubes tied (tubal ligation)
14. I/my partner (s) has had a hysterectomy
15. Spermicides (foams/gels/sprays/pessaries)
16. Natural family planning (safe period/rhythm method)
17. Withdrawal
18. Other method

## 11\_FertInt

Which of these statements best describes the way you feel about having a child or more children?

1. I would definitely like a child or more children, and I'm currently trying
2. I would definitely like a child or more children, but I'm not currently trying
3. I might like a child or more children in the future, I'm not sure yet
4. I would definitely not like a child or more children

## Notes

Those who responded with either 2, 3 or 4 to question 11\_FertInt were considered not to be currently trying to get pregnant.

This is an approximation of the Sustainable Development Goal Indicator<sup>1</sup> need for family planning satisfied with modern methods'. The indicator is restricted to women who had had heterosexual vaginal sex in the last four weeks.

'Modern methods' of contraception include implants (including Jadelle), vasectomy, intrauterine systems (IUSs, including Mirena), tubal ligation, hysterectomy, Intrauterine devices (IUDs), injections (including Depo-Provera), the pill, male condoms, diaphragms, female condoms, spermicides, the morning-after pill and the emergency IUD.

## Contraception: any method

The percentage of people aged 16–49 years old who had had vaginal sex with someone of the opposite gender in the last four weeks and reported using any method of contraception 'these days'.

## Question

5\_ContNow (see above).

<sup>1</sup> <https://unstats.un.org/sdgs/METADATA?Text=&Goal=3&Target=3.7>

## Contraception: modern methods

The percentage of people aged 16–49 years old who had had vaginal sex with someone of the opposite gender in the last four weeks and reported using any 'modern method' of contraception 'these days'.

Modern methods of contraception include implants (including Jadelle), vasectomy, IUS (including Mirena), tubal ligation, hysterectomy, IUD, injections (including Depo-Provera), the pill, male condoms, diaphragms, female condoms, spermicides, morning after pill and emergency IUD.

### Question

5\_ContNow (see above).

## Most effective contraception method (total population)

The percentage of people aged 16–49 years old who had had vaginal sex with someone of the opposite gender in the last four weeks and used any contraception, who used these specific methods of contraception 'these days'. Where more than one method was reported, we prioritised these methods by effectiveness.

The order of prioritisation was based upon the order used by the United Nations:<sup>2</sup> implant, vasectomy, IUS, female sterilisation, IUD, injections, the pill, male condom, natural family planning, withdrawal, other.

### Question

5\_ContNow (see above).

### Notes

In the data explorer, the findings are presented for all respondents, and then by relationship status.

<sup>2</sup> <https://www.un.org/en/development/desa/population/publications/dataset/contraception/wcu2018.asp>

## Most effective contraception method (men)

The percentage of men aged 16–49 years old who had had vaginal sex in the last four weeks and used any contraception, who used these specific methods of contraception 'these days'. Where more than one method was reported, we prioritised these methods by effectiveness.

### Question

5\_ContNow (see above).

## Most effective contraception method (women)

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks and used any contraception, who used these specific methods of contraception 'these days'. Where more than one method was reported, we prioritised these methods by effectiveness.

### Question

5\_ContNow (see above).

## Most effective group of contraception methods

The percentage of people aged 16–49 years old who had had vaginal sex in the last four weeks and using different groups of methods of contraception.

This indicator grouped the most effective methods into six groups: long-acting reversible contraceptives (LARCs), sterilisation, injections, the pill, male condom and 'other'.

Long-acting reversible contraceptives include IUDs, IUSs (including Mirena) and implants (including Jadelle).

Sterilisation includes tubal ligation, hysterectomy and vasectomy.

The 'other' category includes diaphragms, female condoms, morning after pill, emergency IUD, spermicides, traditional methods and other methods.

## Contraception: long-acting reversible contraceptive

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using any long-acting reversible contraceptive 'these days'.

### Question

5\_ContNow (see above).

### Note

Respondents could choose multiple methods of contraception. These results are not prioritised. A response from a respondent who reported using multiple methods will contribute to multiple prevalence estimates. This note applies to the following 13 indicators.

## Contraception: female sterilisation

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using any form of female sterilisation 'these days'.

### Question

5\_ContNow (see above).

## Contraception: tubal ligation

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using tubal ligation for contraception ‘these days’.

### Question

5\_ContNow (see above).

## Contraception: hysterectomy

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported having had a hysterectomy and using it for contraception ‘these days’.

### Question

5\_ContNow (see above).

## Contraception: vasectomy

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using their partner’s vasectomy for contraception ‘these days’.

### Question

5\_ContNow (see above).

## Contraception: intrauterine device

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using an intrauterine device (IUD) ‘these days’.

### Question

5\_ContNow (see above).



## Contraception: intrauterine system

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using an intrauterine system (IUS) 'these days'.

### Question

5\_ContNow (see above).

## Contraception: implant

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using an implant 'these days'.

### Question

5\_ContNow (see above).

## Contraception: injection

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using an injection 'these days'.

### Question

5\_ContNow (see above).

## Contraception: the pill

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using the pill 'these days'.

### Question

5\_ContNow (see above).

## Contraception: male condom

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using the male condom 'these days'.

### Question

5\_ContNow (see above).

## Contraception: natural family planning

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using natural family planning 'these days'.

### Question

5\_ContNow (see above).

## Contraception: withdrawal

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported using withdrawal 'these days'.

### Question

5\_ContNow (see above).

## Contraception: other

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks who reported some other form of contraception 'these days'.

### Question

5\_ContNow (see above).

# Source of contraception: medical centre or general practitioner

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks and used a modern method of contraception who obtained contraception from (a) a medical centre or general practitioner (GP), (b) a family planning clinic, (c) 'over the counter' (that is, either from a 'pharmacy/chemist' or 'over the counter at a supermarket/petrol station/other shop'), or (d) from another source (that is, one or more of the other offered options).

## Question

### 5\_ContFrom

In the last 12 months have you got contraception from any of these sources? You may choose more than one answer.

1. Medical centre or GP
2. Family Planning Clinic
3. Sexual health clinic
4. Ante-natal clinic/midwife
5. Student or youth health clinic
6. Pharmacy/chemist
7. Internet website
8. Over the counter at a supermarket/petrol station/other shop
9. Vending machine
10. Hospital emergency (ED) department
11. Somewhere else
12. I have not got contraception in the last 12 months

## Note

Respondents could report more than one source of contraception, so the total could add to more than 100 percent.

## Source of contraception: retail

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks and used a modern method of contraception who obtained contraception from a retail source.

### Question

5\_ContFrom (see above).

### Notes

'Retail' includes:

6. pharmacy/chemist
7. internet website
8. over the counter at a supermarket/petrol station/other shop
9. vending machine.

## Source of contraception: family planning clinic

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks and used a modern method of contraception who obtained contraception from a family planning clinic.

### Question

5\_ContFrom (see above).

## Source of contraception: other

The percentage of women aged 16–49 years old who had had vaginal sex with a man in the last four weeks and used a modern method of contraception who obtained contraception from an 'other' source.

### Question

5\_ContFrom (see above).

## Notes

The 'other' category includes:

3. sexual health clinic
4. ante-natal clinic/midwife
5. Student or youth health clinic
10. hospital ED
11. Somewhere else.

# Pregnancy planning

## Pregnant in the last five years

The proportion of women aged 16–44 years who had been pregnant in the last five years.

### Questions

#### 10\_EverPreg

Have you ever been pregnant?

1. Yes
2. No

#### 10\_LMUPScr5yrs

Can we just check, have you been pregnant in the last 5 years?

1. Yes
2. No

## Pregnancy planning

The planning status of the most recent pregnancy experienced by women in the last five years.

### Questions

Now follows some statements about women's circumstances and feelings around the time they became pregnant. Thinking of your current or most recent pregnancy, please choose the option which best applies to you.

#### 10\_LMUP1

In the month that I became pregnant:

1. I/we were not using contraception
2. I/we were using contraception, but not on every occasion
3. I/we always used contraception, but knew that the method, had failed (ie, broke, moved, came off, came out, not worked etc) at least once
4. I/we always used contraception

## 10\_LMUP2

In terms of becoming a mother (*first time or again*), I feel that my pregnancy happened at the:

1. Right time
2. Ok, but not quite right time
3. Wrong time

## 10\_LMUP3

Just before I became pregnant:

1. I intended to get pregnant
2. My intentions kept changing
3. I did not intend to get pregnant

## 10\_LMUP4

1. I wanted to have a baby
2. I had mixed feelings about having a baby
3. I did not want to have a baby

## 10\_LMUP5

The next question asks about your partner. This might be (or have been) your husband, a partner you live with, a boyfriend, or someone you've had sex with once or twice.

Before I became pregnant:

1. My partner and I had agreed that we would like me to be pregnant
2. My partner and I had discussed having children together, but hadn't agreed for me to get pregnant
3. We never discussed having children together

## 10\_LMUP6

Before you became pregnant, did you do anything to improve your health in preparation for pregnancy? You may choose more than one answer [although Answer 7 could not be selected with any other answer].

1. Took folic acid tablets/supplements
2. Stopped or cut down smoking
3. Stopped or cut down drinking alcohol
4. Ate more healthily
5. Sought medical/health advice
6. Took some other action
7. I did not do any of the above before my pregnancy

## Notes

These questions were based on the six questions that make up the London Measure of Unplanned Pregnancy.<sup>3</sup> Each question is scored 0–2, and a total score of 0–12 obtained for each pregnancy: 0–3 is categorised as unplanned, 4–9 as ambivalent and 10–12 as planned.

## Took folic acid in preparation for pregnancy

The proportion of women aged 16–44 who had been pregnant in the last five years who took folic acid tablets/supplements before they became pregnant with their most recent pregnancy.

### Question

10\_LMUP6 (see above).

## Healthier eating in preparation for pregnancy

The proportion of women aged 16–44 who had been pregnant in the last five years who ate more healthily before they became pregnant with their most recent pregnancy.

### Question

10\_LMUP6 (see above).

<sup>3</sup> <http://www.lmup.com>



## First period before turned 13

The proportion of women who were aged under 13 years old when they had their first period.

### Question

#### 2\_PeriodAge

How old were you when you started menstruating (having periods)?

Age Range: 1..74

99. Have not started menstruating

## Mean age at first period

The mean age at which women started menstruating.

### Question

2\_PeriodAge (see above).

## Median age at first period

The median age at which women started menstruating.

### Question

2\_PeriodAge (see above).

# Sexually transmitted infections

## Sexually transmitted infection diagnosed in lifetime (total population)

The proportion of people aged 16–74 years who reported ever having been told by a health care professional that they had a sexually transmitted infection (STI).

### Question

#### 12\_STIDiag

Have you ever been told by a doctor or other healthcare professional that you had any of the following? You may choose more than one answer.

1. Chlamydia
2. Gonorrhoea
3. Genital or anal warts
4. Genital or anal herpes
5. *Trichomonas vaginalis* (Trich, TV)
6. Syphilis
7. NSU (Non Specific Urethritis)
8. I was told I had one of the above sexually transmitted infections but can't remember which one
9. None of the above

### Note

Where a respondent chose option 8, this response appears in the data explorer as 'other'. This should be interpreted with caution, as 'other' in this situation does not mean 'other STI', as might be assumed.

## Sexually transmitted infection diagnosed in lifetime (ever had sex)

The percentage of people aged 16–74 years who had ever had a partner who reported having been told by a health care professional that they had an STI at some time in their life.

### Question

12\_STIDiag (see above).

## Sexually transmitted infection diagnosed in the last five years (total population)

The percentage of people aged 16–74 years who reported having been told by a health care professional that they had had an STI in the last five years.

### Question

12\_STIDiag (see above).

### 12\_STIWhen

When were you last told by a doctor or health professional that you had an infection transmitted by sex?

1. Less than 1 year ago
2. Between 1 year and 5 years ago
3. Between 5 years and 10 years ago
4. More than 10 years ago

## **Sexually transmitted infection diagnosed in last five years (ever had sex)**

The percentage of people aged 16–74 years who had ever had an opposite or same-gender partner who reported having been told by a health care professional in the last five years that they had an STI.

### **Question**

12\_STIDiag (see above).

## **Chlamydia in lifetime (total population)**

The percentage of people who had ever had a diagnosis of chlamydia.

### **Question**

12\_STIDiag (see above).

## **Genital or anal warts in lifetime (total population)**

The percentage of people who had ever had a diagnosis of genital or anal warts.

### **Question**

12\_STIDiag (see above).

## **Genital or anal herpes in lifetime (total population)**

The percentage of people who had ever had a diagnosis of genital or anal herpes.

### Question

12\_STIDiag (see above).

## **Gonorrhoea in lifetime (total population)**

The percentage of people who had ever had a diagnosis of gonorrhoea.

### Question

12\_STIDiag (see above).

## **Trichomonas in lifetime (total population)**

The percentage of people who had ever had a diagnosis of trichomonas.

### Question

12\_STIDiag (see above).

## Syphilis in lifetime (total population)

The percentage of people who had ever had a diagnosis of syphilis.

### Question

12\_STIDiag (see above).

## Other sexually transmitted infection in lifetime (total population)

The percentage of people who had ever had a diagnosis of another sexually transmitted infection (STI).

Other STIs were:

7. NSU (Non Specific Urethritis)
8. I was told I had one of the above sexually transmitted infections but can't remember which one
9. None of the above

### Note

Where a respondent chose option 8, this response appears in the data explorer as 'other'. This should be interpreted with caution, as 'other' in this situation does not mean 'other STI', as might be assumed.

### Question

12\_STIDiag (see above).

# Where last treated for sexually transmitted infection: total population

The percentage of people who had had an STI diagnosed in the last five years who were treated at a medical centre/general practice, sexual health clinic or elsewhere.

## Questions

12\_STIDiag (see above).

12\_STIWhen (see above).

## 12\_STIWhere

Where were you last treated for an infection transmitted by sex?

1. A medical centre or GP
2. Sexual health clinic
3. Family Planning Clinic
4. Student or youth health clinic
5. Ante-natal clinic/midwife
6. Hospital emergency department
7. Termination of pregnancy or abortion clinic [women only]
8. Somewhere else

## Note

Where a respondent answered one or more of options 3–8, we combined these responses and reported them as 'Other'.

# Where last treated for sexually transmitted infection: men

The percentage of men who had had an STI diagnosed in the last five years who were treated at a medical centre/general practice, sexual health clinic or elsewhere.

## Questions

12\_STIDiag, 12\_STIWhen, 12\_STIWhere (see above).

# Where last treated for sexually transmitted infection: women

The percentage of women who had had a an STI diagnosed in the last five years who were treated at a medical centre/general practice, sexual health clinic or elsewhere.

## Questions

12\_STIDiag, 12\_STIWhen, 12\_STIWhere (see above).



# Non-volitional sex

## Experience of non-volitional sex in lifetime

The percentage of people who had been made to have sex against their will since the age of 13.

The preamble to the relevant questions was as follows:

Some of the questions that follow use terms like oral sex and vaginal intercourse. So that everyone attaches the same meaning to these terms they are explained below. Please read the explanations.

- Vaginal sex (vaginal sexual intercourse): a male's penis in a female's vagina.
- Oral sex (oral sexual intercourse): a female or male's mouth on a partner's genital area (giving or receiving).
- Anal sex (anal sexual intercourse): a male's penis in a partner's anus (rectum or back passage) (giving or receiving).
- Genital contact: genital contact intended to achieve orgasm, for example, stimulating by hand.
- Having sex: this includes oral or anal sex or genital contact.
- Genital area: A male's penis or a female's vagina – that is, the sex organs.

## Questions

### 16\_VioTry

The next question is about your experience of sex when you might not have been willing.

Since the age of 13, has anyone tried to make you have sex with them, against your will?

1. Yes
2. No

If a respondent answered 'Yes' to this question, the survey asked a further question:

## 16\_VioSuc

Since the age of 13, has anyone actually made you have sex with them, against your will?

1. Yes
2. No

## Notes

The wording of the question was 'Since the age of 13'. Some respondents might have interpreted this as 'since turning age 13', and others as 'at age 14 and over'.

# Mean age at most recent non-volitional sex

The mean age (since age 13) when people were last made to have sex against their will.

## Questions

16\_VioSuc (see above).

## 16\_VioWhen

How old were you when this last happened? Please type in the number.

# Median age at most recent non-volitional sex

The median age (since age 13) when people were last made to have sex against their will.

## Questions

16\_VioSuc, 16\_VioWhen (see above).

## Relationship to perpetrator of most recent non-volitional sex (total population)

The relationship people had to the person who perpetrated their most recent episode of non-volitional sex since age 13.

### Questions

16\_VioSuc (see above).

### 16\_VioWho

Was this person:

1. Someone you were, or had been, in a relationship with
2. Someone known to you as a family member or friend
3. Someone known to you but not as a family member or friend
4. Someone you didn't know
5. Other

### Note

The survey did not ask respondents the gender of the perpetrator.

## Relationship to perpetrator of most recent non-volitional sex: men

The relationship men had to the person who perpetrated their most recent episode of non-volitional sex since age 13.

### Questions

16\_VioSuc, 16\_VioWho (see above).

# Relationship to perpetrator of most recent non-volitional sex: women

The relationship women had to the person who perpetrated their most recent episode of non-volitional sex since age 13.

## Questions

16\_VioSuc, 16\_VioWho (see above).

# References

Ministry of Health. 2015a. *Content Guide 2014/15: New Zealand Health Survey*. Wellington: Ministry of Health.

Ministry of Health. 2015b. *Methodology Report 2014/15: New Zealand Health Survey*. Wellington: Ministry of Health.