

Access to sexual healthcare during New Zealand's COVID-19 lockdown: cross-sectional online survey of 15–24-year-olds in a high deprivation region

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ABSTRACT

Background New Zealand's response to the COVID-19 pandemic involved a nationwide stay-at-home lockdown in March–April 2020 that restricted access to primary healthcare services.

Methods An online survey of 15–24-year-olds in a high deprivation region of New Zealand asked about the need for, and receipt of, sexual healthcare during lockdown. Experience of telehealth and preferences for future receipt of sexual healthcare were also explored. Social media advertising was used to recruit participants over five weeks in August and October 2020.

Results The survey sample included 500 respondents comprising 58.8% females, 25.4% Māori (indigenous) ethnicity and 21.4% LGBTQI+ (lesbian, gay, bisexual, transgender, queer, intersex +) young people. During lockdown, 22.2% of respondents reported sexual health needs (111/500), but fewer than half this group got help (45%, 50/111), believing their issue could wait, or due to barriers contacting services and lack of information about service availability. Experience of telehealth consultations (by 28/50 participants) was mostly favourable though only 46% agreed it was easier than going to the clinic. Telehealth methods were the preferred option by some participants for future receipt of sexual healthcare; but for most scenarios suggested, respondents favoured in-person clinic visits.

Conclusions Young people experienced unmet need for sexual healthcare during lockdown in New Zealand, but not because services were unavailable. Findings point to the need for targeted information dissemination to young people about available services and the importance of seeking help during lockdown. More research is needed to understand the

Key messages

- Young people in a region of New Zealand with higher socioeconomic deprivation had unmet need for sexual healthcare during the nationwide COVID-19 pandemic lockdown.
- Planning for future periods of lockdown should involve targeted communications to inform young people about the continued availability of sexual health services.
- More work is needed to understand the utility and acceptability of telehealth methods for the provision of equitable sexual healthcare to young people.

advantages and disadvantages of sexual healthcare delivered via telehealth to inform future service provision.

INTRODUCTION

COVID-19 was declared a global pandemic by the World Health Organization (WHO) on 11 March 2020.¹ Soon after, the New Zealand Government implemented a four-tiered system of alert levels designed to minimise and eliminate the spread of infection in the community.² On 25 March, a move to alert level 4 saw the country go into a 'lockdown' that lasted for 7 weeks (inclusive of a shift to level 3 on 27 April).³ Everyone except essential workers were required to stay at home, border and travel restrictions were enforced, non-essential workplaces and schools closed, and social gatherings were banned. During lockdown, access to healthcare services radically

changed. Primary healthcare providers closed their doors on business as usual, and rapidly embraced new ways of working to protect both staff and vulnerable patients.^{4,5} ‘In-person’ consultations were reserved for limited numbers of patients and conditions as determined by telephone triage, and consultations were conducted by telephone, video and messaging applications (telehealth or telemedicine).^{4,6,7}

Researchers have already explored patient experiences of primary healthcare delivered by telehealth during lockdown in New Zealand,⁸ but the extent to which telehealth is appropriate for, and was used for, sexual and reproductive health (SRH) issues is unclear. SRH consultations often involve discussion of confidential, sensitive issues. People without access to a quiet, private place will be at a significant disadvantage if only offered telehealth. Furthermore, many aspects of SRH care necessitate in-person consultations, and some aspects of SRH care were temporarily unavailable. For example, access to asymptomatic testing for sexually transmitted infections (STIs) was limited as laboratories prioritised resources for processing COVID-19 swabs.⁹ Intramuscular antibiotic treatment for gonorrhoea was not available in many services,¹⁰ and cervical screening and human papillomavirus immunisations were deferred. Long-acting reversible contraceptive methods could not be inserted or removed¹¹ and access to oral contraceptives was limited to repeat prescriptions or new starts only for the minipill.¹⁰ Supply chains were disrupted, resulting in short supply or unavailability of some subsidised oral contraceptives and condoms.^{12,13} Young people are likely to have been most impacted by these restrictions. This study explored young people’s need for sexual healthcare during lockdown, their experience of care received, and preferences for future receipt of sexual healthcare. This was an opportunistic addition to a broader survey of young people’s access to sexual healthcare planned prior to the COVID-19 pandemic.

METHODS

Participants and recruitment

Survey participants were recruited via Facebook and Instagram, with sponsored posts presented to 15–24-year-olds in Hawkes Bay, New Zealand. This region is home to high proportions of young Māori (the indigenous people of New Zealand) and people living in more socioeconomically deprived sections of society – groups more likely to be disadvantaged in their sexual health, as evidenced by high population rates of chlamydia.¹⁴ Participants were invited to anonymously share their views on healthcare for young people and offered the chance to enter a prize draw for one of six NZ\$100 cash prizes. The advert ran for five weeks between 26 August and 12 October 2020 (with a break to revise the advertisement to target males who had lower participation rates during the first three weeks). The survey was delivered using the

Qualtrics online survey platform. An estimated 24 000 individuals living in the study area were deemed to meet inclusion criteria (age, region of residence). A sample size calculation performed using OpenEpi.com determined that 370 participants would provide a 5% margin of error (ie, a confidence interval (CI) of ± 5 percentage points around the proportion of responses to selected survey items). Ethical approval was granted by the University of Otago Human Ethics Committee Health (Ref. H19/154).

Survey design

The survey questionnaire was customised for the current study and comprised 34 items (including nine questions in the ‘lockdown substudy’ we report on here, see online supplemental file). Sexual healthcare was defined as including “talking about staying safe when sexually active, sexually transmitted infections (STIs), an STI or symptom check, contraception or anything else you think is related to your sexual health and well-being”. Questions were formatted as multiple choice, Likert scales, and matrix questions. Questions with responses that led to branching required a response to proceed, but otherwise respondents could skip any questions they did not want to answer. Demographic information was sought at the end of the survey.

Patient and public involvement statement

A draft survey was reviewed by two groups of young people convened by a large Māori family-focused organisation in Hawkes Bay (that includes a health service). Participants included 15–24-year-olds, 12 males, eight females and a mix of ethnicities and young people in education, employment or neither. They were asked to comment on the recruitment advertisement, draft survey questions and response options, and were paid NZ\$20 for their input. This feedback guided the final survey and advertising campaign. Study results and recommendations will be reported back to this group and survey participants.

Data cleaning and analysis

Data were exported into Microsoft Excel for collation and analysis. Responses were reviewed for completeness and partially completed surveys were included only if the first ‘block’ of questions was answered in full. Response frequencies were tabulated for all survey items (numbers, percentages and 95% CIs where appropriate) and cross-tabulated tables were populated for selected questions. Missing data are reported as ‘not stated’ in tables.

RESULTS

Of the 1187 people who clicked on the advertisement, 560 submitted a survey (47.2%). Of these, 500 were included in the analysis (comprising 439 complete surveys and 61/121 partially completed surveys).

Table 1 Demographic characteristics of survey respondents and proportions (95% confidence interval) who needed, and received, care for a sexual health matter during lockdown

Characteristics	Total		Had SH needs during lockdown*			Received SH care during lockdown*		
	n	%	n	%	95% CI	n	%	95% CI
Total	500	100	111	22.2	(18.6 to 26.1)	50	45.0	(35.6 to 54.8)
Age (years)								
15–17	151	30.2	22	14.6	(9.4 to 21.2)	10	45.5	(24.4 to 67.8)
18–21	147	29.4	33	22.4	(16.0 to 30.1)	13	39.4	(22.9 to 57.9)
22–24	149	29.8	51	34.2	(26.7 to 42.4)	25	49.0	(34.8 to 63.4)
Not stated	53	10.6	5	9.4	(3.1 to 20.7)	2	40.0	(5.3 to 85.3)
Ethnicity (total count)†								
Māori	127	25.4	38	29.9	(22.1 to 38.7)	15	39.5	(24.0 to 56.6)
Pacific	27	5.4	8	29.6	(13.8 to 50.2)	4	50.0	(15.7 to 84.3)
NZ European	357	71.4	84	23.5	(19.2 to 28.3)	37	44.0	(33.2 to 55.3)
Asian	21	4.2	3	14.3	(3.0 to 36.3)	2	66.7	(9.4 to 99.2)
MELAA	4	0.8	1	25.0	(0.6 to 80.6)	1	100	(5.0 to 100)
Not stated	56	11.2	5	8.9	(3.0 to 19.6)	2	40.0	(5.3 to 85.3)
Gender‡								
Female	294	58.8	98	33.3	(28.0 to 39.0)	43	43.9	(33.9 to 54.3)
Male	138	27.6	6	4.3	(1.6 to 9.2)	3	50.0	(11.8 to 88.2)
Gender diverse	11	2.2	1	9.1	(0.2 to 41.3)	0	0	--
Not stated	57	11.4	6	10.5	(4.0 to 21.5)	0	0	--
Sexual orientation								
Heterosexual or straight	315	63.0	73	23.2	(18.6 to 28.2)	32	43.8	(32.2 to 55.9)
Bisexual	72	14.4	20	27.8	(17.9 to 39.6)	9	45.0	(23.1 to 68.5)
Gay or lesbian	27	5.4	5	18.5	(6.3 to 38.1)	3	60.0	(14.7 to 94.7)
Other	11	2.2	1	9.1	(0.2 to 41.3)	0	0	--
Don't know	9	1.8	3	33.3	(7.5 to 70.1)	2	66.7	(9.4 to 99.2)
Not stated	66	13.2	9	13.6	(6.4 to 24.3)	4	44.4	(13.7 to 78.8)
LGBTQI+§	107	21.4	26	24.3	(16.5 to 33.5)	12	46.2	(26.6 to 66.6)
Education/employment								
At school or studying	213	42.6	40	18.8	(13.8 to 24.7)	18	45.0	(29.3 to 61.5)
Working full- or part-time¶	197	39.4	52	26.4	(20.4 to 33.1)	27	51.9	(37.6 to 66.0)
Not in employment, education or training (NEET)	65	13.0	18	27.7	(17.3 to 40.2)	5	27.8	(9.7 to 53.5)
Caring for child(ren)/someone else	27	5.4	11	40.7	(22.4 to 61.2)	5	45.5	(16.7 to 76.6)
Not stated	58	11.6	7	12.1	(5.0 to 23.3)	3	42.9	(9.9 to 81.6)
Usual place for healthcare								
GP/nurse clinic	432	86.4	99	22.9	(19.0 to 27.2)	46	46.5	(36.4 to 56.8)
Māori or Pacific clinic	11	2.2	1	9.1	(0.2 to 41.3)	1	100	(5.0 to 100)
Student health/school clinic	25	5.0	5	20.0	(6.8 to 40.7)	2	40.0	(5.3 to 85.3)
Youth health clinic	13	2.6	3	23.1	(5.0 to 53.8)	0	0	--
After hours clinic	4	0.8	0	0	--	0	0	--
Emergency department	3	0.6	1	33.3	(0.8 to 90.6)	0	0	--
Other/don't know/not stated	12	2.4	2	16.7	(2.1 to 48.4)	1	50.0	(1.3 to 98.7)
Sexual healthcare history								
Sought SH care in the past	300	60.0	94	31.3	(26.1 to 36.9)	46	48.9	(38.5 to 59.5)
Tested for STIs in the past	192	38.4	72	37.5	(30.6 to 44.8)	35	48.6	(36.7 to 60.7)
Treated for an STI in the past	79	15.8	35	44.3	(33.1 to 55.9)	16	45.7	(28.8 to 63.4)

Continued

Table 1 Continued

Characteristics	Total		Had SH needs during lockdown*			Received SH care during lockdown*		
	n	%	n	%	95% CI	n	%	95% CI
*Responses to question about SH needs during lockdown: 387 answered 'No' and 2 'Don't know'. When asked if they got help during lockdown, 50 answered 'Yes', 58 answered 'No' and 3 answered 'Don't know'.								
†Total count ethnicity means that individuals self-identifying with multiple ethnicities are included in each of the ethnic groups with which they belong, therefore column percentages sum to more than 100%.								
‡Gender diverse group includes: 2 transfemales, 3 transmales, 2 gender fluid, 1 gender apathetic person.								
§LGBTQI+ is used as an umbrella term that includes individuals who identified with gender and/or sexual orientation subcategories including lesbian, gay, queer, bisexual, and/or transgender or gender diverse (note we did not ask participants whether they identified as 'LGBTQI+').								
¶People in job training or apprenticeships are included with those in full-/part-time work. Respondents could select more than one option here so column percentages sum to more than 100%.								
CI, confidence interval; GP, general practitioner; MELAA, Middle Eastern/Latin American/African; NZ, New Zealand; SH, sexual health; STI, sexually transmitted infection.								

Table 2 Reasons sexual healthcare was not accessed during lockdown (total n=58)

Reasons sexual healthcare not accessed during lockdown	n	%
Issue viewed by individual as unimportant/non-urgent†	29	50.0
Didn't think it was important/necessary	20	34.5
Thought it could wait	23	39.7
Barriers to seeking healthcare†	24	41.4
People in my household would ask where I was going	15	25.9
Tried calling but couldn't get through	11	19.0
No way to get to a clinic	9	15.5
No privacy to make a telephone call	8	13.8
No telephone credit	4	6.9
Don't have my own telephone	1	1.7
Lack of information about service availability during lockdown†	24	41.4
Didn't think I was allowed to during lockdown	19	32.8
Didn't think anywhere was open	12	20.7
Didn't know who to call	6	10.3
COVID-19/lockdown-related concerns†	15	25.8
Didn't want to leave house during lockdown	14	24.1
Worried about catching COVID-19 if I went out	8	13.8
Other reasons given*	7	12.1
Don't know	1	1.7

*Other reasons given: was homeless (1); no childcare (2); not called for routine contraception (1); working so missed call-backs (1); bad experience with care in the past (1); usual contraception not currently available in New Zealand (1).

†These are subheadings created for subcategories of similar types of reasons, number and percentage denotes the number of people who selected one or more reason in this subcategory

Sexual healthcare needs and receipt of care during lockdown

Table 1 presents characteristics of the sample, with the number (% and 95% CIs) who needed and received care for their sexual health during lockdown. The sample included 25.4% Māori, 13% not in education, employment or training ('NEET') and 21.4% LGBTQI+ (lesbian, gay, bisexual, transgender, queer, intersex +). During lockdown, 22.2% (95% CI

18.6 to 26.1) of respondents reported having sexual health needs that they wanted to talk to a nurse or doctor about. Those more likely to have reported sexual healthcare needs included females (33.3%) and 22–24-year-olds (34.2%). Just under half this group received sexual healthcare during lockdown (45%, 50/111).

Reasons for not receiving sexual healthcare are presented in **table 2** and include not thinking their issue was important or urgent, limitations in their ability to contact health services, and lack of awareness about service availability. Of those who viewed their issue as unimportant/non-urgent, 69% also selected one or more other category of reasons. COVID-19 and lockdown-related concerns were reported by a quarter of this group, and various other reasons noted as free-text comments (detailed in footnote to **table 2**).

The majority of the 50 people who did receive care during lockdown received it from their usual general practitioner (GP)/nurse clinic (41/50). Others accessed the nationally available telephone health advice service 'Healthline' (n=5), the local sexual health service (n=3), the youth health service (n=1), a different GP (n=5), an online GP (n=1) or the hospital emergency department (ED) (n=2). A small number accessed help from more than one place. Healthcare was received in a variety of ways: 40% had an in-person clinic consultation (20/50, includes two people visiting the hospital ED) and the rest received care via telehealth methods (29/50, one person did not specify). Telephone consultations with their usual GP/nurse clinic were the most commonly reported (24/29), with a different GP/nurse clinic (n=3) or the sexual health service (n=1). One person reported having had a video call with a sexual health clinic, and one person used a messenger service.

Experience of Telehealth consultations and care during lockdown

Participants who received care for their sexual health during lockdown were asked to indicate how happy they were with the care, advice or treatment received using a pictorial 'happy face slider scale'. The majority (82%, 41/50) indicated that they were happy or very happy. Two people responded with a neutral face, one

Table 3 Respondents agreement with statements about sexual healthcare provided via telehealth methods during lockdown (n=28)

Statement	Agree*		Neutral		Disagree	
	n	%	n	%	n	%
I trusted that what I told the nurse/doctor would be kept confidential	24	85.7	3	10.7	0	0
I had enough time to talk about everything I wanted to talk about	20	71.4	6	21.4	1	3.6
The technology worked well	20	71.4	6	21.4	0	0
I had enough privacy to talk to the nurse/doctor from my home/place of lockdown	18	64.3	6	21.4	3	10.7
The nurse/doctor checked I understood everything	18	64.3	8	28.6	1	3.6
It was easy to understand what the nurse/doctor was saying	18	64.3	7	25.0	2	7.1
I understood what (if anything) would happen next or what I needed to do next	17	60.7	7	25.0	3	10.7
The nurse/doctor I spoke to was someone I knew	15	53.6	4	14.3	8	28.6
It was easier than going to the clinic	13	46.4	9	32.1	5	17.9

*Don't know (DK) responses are not shown in the table: only one person responded 'DK' to all questions, and one person responded DK to "the technology worked well". Percentages were calculated using n=28 as the denominator.

each with an unhappy or angry face, and five did not answer the question.

Table 3 provides question responses for those who had a telephone or video consultation (n=28) to indicate their level of agreement with statements describing what the consult might have been like. Overall experience with care received was positive. Almost half agreed receipt of care via telehealth methods was easier than going to the clinic (46.4%). Some level of dissatisfaction with telehealth care was however evident, with 78% of respondents (22/28) providing a 'neutral' or 'disagree' response to one or more statements (excluding "The nurse or doctor was someone I knew").

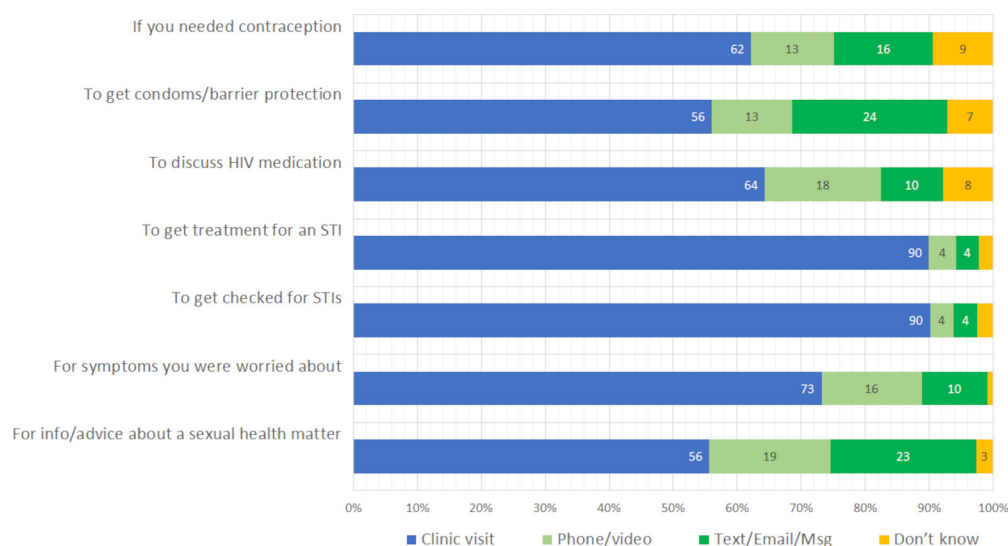
Future access to sexual healthcare

Participants were asked to indicate their preferred method of contact with the nurse or doctor (clinic visit, telephone/video consult or messaging options) for seven different scenarios that are presented in figure 1. In-person clinic visits were the preferred

option for the majority of respondents in all scenarios, particularly for STI testing (90.2%) and treatment (89.9%). Fewer than 20% of participants indicated a preference for receipt of care via telephone or video-call: to get information or advice about a sexual health matter (18.8%), to discuss HIV medication (18.1%) or if they had symptoms they were worried about (15.6%). Access to free STI testing both within, and outside, clinic settings appealed to survey participants, 55.1% would want to be able to pick up a test kit to use at home (248/450), and 42.2% want to be able to order a test kit online (190/450).

DISCUSSION

One in five survey respondents reported having sexual healthcare needs they wanted to talk to a nurse or doctor about during New Zealand's COVID-19-driven nationwide lockdown, but fewer than half received care. Reasons for not getting care were generally not related to lack of service availability, but to perceptions

**Figure 1** Participants' consultation preferences for accessing healthcare for sexual health matters in the future. STI, sexually transmitted infection.

that their needs were unimportant or non-urgent, barriers to seeking healthcare, and lack of awareness about service availability during lockdown. This highlights the need for targeted communication from service providers to inform young people about available services during lockdown (eg, via text message or social media posts). Young people need to be encouraged and supported to contact health services during lockdown, and indeed in 'usual times' to minimise the unintended consequences of delayed or missed health-seeking for their SRH needs.

Of those who did receive care for their sexual health during lockdown, 60% did so via a telehealth method (most often a telephone call) and most reported a positive experience. Pre-COVID-19, telehealth consultations have been suggested as a way to reduce access barriers related to travel, geographic location, wait times and childcare.^{14 15} However, telehealth consultations can disadvantage people without a reliable internet connection, without permanent accommodation, or who live in shared or crowded places with no access to a private space for a confidential conversation with a health provider.¹⁶ These kinds of constraints on connectivity and privacy more often impact young people, ethnic minority groups, and members of the LGBTQI+ community.¹⁷ Our survey sample was too small to identify clear differences in the sociodemographic characteristics of those unable to access services, but there was some evidence that individuals in the NEET group were less likely to have received sexual healthcare during lockdown. This group is known to face more challenges accessing sexual healthcare in New Zealand.¹⁸

There are particular confidentiality and privacy issues when using telehealth methods,¹⁹ and we observed that trying to talk to nurses or doctors about sexual health during lockdown was difficult for some young people participating in this study. Participants preferences for receipt of sexual healthcare in the future predominantly centred around in-person, clinic visits. While favoured by some, telephone or video consultations were generally less preferred than messaging options. We did not seek information about reasons for choice of consultation method in this study, but personal circumstances, familiarity/existing relationships with service providers, and perceived convenience are likely factors driving choice of method.⁸ Hesitancy to use video consultations for sexual healthcare (and healthcare in general) has been associated with fears about confidentiality and security in previous research.^{20 21} It has been suggested that despite being avid mobile phone users, many young people are not comfortable making or taking calls,²² which could partly explain the lack of support for telephone consultations. Young people can find it hard to seek sexual healthcare at the best of times,²³ and so the conditions under which telehealth options might help or hinder access to sexual health care need

to be more clearly understood so that these options can be offered if, and when, appropriate.

Study limitations

Strengths of the study include the diversity of the sample, with participation by young people known to face more challenges in accessing sexual healthcare (young Māori, LGBTQI+ and NEET).¹⁸ Although the total sample included 500 participants, the number of young people who had experienced sexual healthcare during lockdown was small, as was the proportion of those with experience of telehealth during lockdown. Therefore, we could not draw conclusions about potential differences in need or access for important demographic subgroups (eg, Māori). A larger study sample and/or qualitative research would be useful to provide more robust data on the acceptability of telehealth methods for sexual health needs. This study only involved young people in one region, (although selected for its high deprivation population) so findings may not be generalisable to the experience of young people in other areas of New Zealand, or other countries. Our recruitment method was both a strength and a weakness of the study. As has been reported elsewhere,²⁴ we were able to reach a diverse group of young people but would have missed anyone not engaged in the social media platforms used to advertise the study, as well as those unable to access a device, data or WiFi – a group known to have faced significant challenges during lockdown. The survey was administered some 5 months after the nationwide lockdown which may have resulted in recall bias. Some of the challenges identified by participants as impacting on their ability to access healthcare will not have been specific to lockdown. To keep survey completion time to a minimum, questions were kept brief. To avoid privacy and confidentiality concerns, participants were not asked about the nature of their sexual health care/issues, so we cannot comment on specific aspects of care that were able/unable to be accessed during lockdown. Presumably some of the in-person consultations will have been for care that could not be provided virtually by telehealth.

Implications for future research

As primary healthcare providers take the time to revise and develop new protocols and policies to guide future responses to COVID-19,⁴ consideration must be given to the safe and effective provision of SRH care. Sexual health service providers surveyed during lockdown in Australia noted that telehealth does not allow for the same level of engagement as in-person consultations, and reduces the likelihood of opportunistic conversations about sexual health.²⁵ Furthermore, a range of SRH issues necessitate in-person care, so if or when access is limited only to telehealth, some important aspects of care will be

delayed or missed. The range of ways in which New Zealand providers limited or adapted their provision of SRH services during the nationwide lockdown have not yet been fully documented. Research to understand the impact of COVID-19 on the SRH provider landscape and documentation of lessons learnt by SRH providers in New Zealand would be valuable. Limitations in telehealth and young people's concerns about these methods for SRH care need to be more clearly understood to inform future service provision, particularly for groups known to experience inequity in their SRH such as young Māori. This will allow mitigating strategies to be identified and implemented during future periods of lockdown to avoid exacerbation of current inequities in access to SRH care.

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SURVEY QUESTIONS: Sexual healthcare during COVID-19 lockdown in New Zealand.**1a Where do you usually go to see a nurse or doctor (DR) about your health?**

- GP/nurse clinic
- Māori or Pacific clinic
- Youth health clinic (YOSS)
- School clinic
- Student health clinic
- After hours clinic
- Hospital emergency department (ED)
- Other, please state _____
- Don't know

1b Have you ever talked with a nurse or Dr about a sexual health matter?

This could include talking about staying safe when sexually active, sexually transmitted infections (STIs), an STI or symptom check, contraception or anything else you think is related to your sexual health and wellbeing.

- Yes
- No

Display This Question: If Have you ever talked with a nurse or Dr about a sexual health matter? This could include talking... = Yes

10a Have you ever been tested for sexually transmitted infections (STIs)? STIs are infections like chlamydia and gonorrhoea that are passed on through sexual contact.

- Yes
- No
- Don't know
- Choose not to answer

Display This Question: If Have you ever talked with a nurse or Dr about a sexual health matter? This could include talking... = Yes

10b Have you ever been treated for an STI?

- Yes
- No
- Don't know
- Choose not to answer

Access to healthcare during COVID-19 lockdown

During the COVID-19 alert level 3-4 nationwide lockdown (24 March - 12 May), our access to healthcare changed. Please answer the following questions about your sexual healthcare needs during this time.

18 During Lockdown, did you have any sexual health needs (including contraception) that you wanted to talk to a nurse/Dr about?

- Yes
- No
- Don't know

Display This Question: If During Lockdown, did you have any sexual health needs (including contraception) that you wanted t... = Yes

Or During Lockdown, did you have any sexual health needs (including contraception) that you wanted t... = Don't know

19 Did you get help from a nurse/Dr about your sexual health care needs during Lockdown?

- Yes
- No
- Don't know

Display This Question: If Did you get help from a nurse/Dr about your sexual health care needs during Lockdown? = Yes

20 Where did you get help from? Mark all that apply.

- Healthline
- My usual GP/Nurse clinic (where I am enrolled)
- A different GP/Nurse clinic (where I am not enrolled)
- Youth health clinic (YOSS)
- Sexual health clinic
- School clinic/Student health clinic
- After hours clinic
- Hospital Emergency department (ED)
- On-line doctor
- Don't know

Display This Question: If Did you get help from a nurse/Dr about your sexual health care needs during Lockdown? = Yes

21 How was help provided to you by the Nurse/Dr?

- Phone call
- Video call
- In person at the clinic
- Email
- Text
- Messenger

Display This Question: If How was help provided to you by the Nurse/Dr? = Phone call

Or How was help provided to you by the Nurse/Dr? = Video call

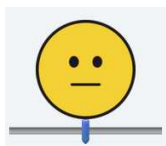
22 If you had a phone or video call related to sexual health care during the level 3-4 Covid-19 lockdown, how did it go? Choose whether you agree or disagree with the statements below.

Agree	Neutral	Disagree	Don't know
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The technology worked well	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The Nurse/Dr I spoke to was someone I knew	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I had enough privacy to talk to the Nurse/Dr from my home/place of lockdown	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It was easy to understand what the Nurse/Dr was saying	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I trusted that what I told the nurse/Dr would be kept confidential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The Nurse/Dr checked I understood everything	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I had enough time to talk about everything I wanted to talk about	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It was easier than going to the clinic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood what (if anything) would happen next or what I needed to do next	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Question: If Did you get help from a nurse/Dr about your sexual health care needs during Lockdown? = Yes

23 Use the slider scale to show how happy you were with the advice, care or treatment you got for your sexual health during Lockdown.



- 1 (Very unhappy face)
- 2 (Unhappy face)
- 3 (Neutral face)
- 4 (Happy face)
- 5 (Very happy face)

Display This Question: If Did you get help from a nurse/Dr about your sexual health care needs during Lockdown? = No

24 What were the reasons for *not* seeking help for your sexual health during Lockdown? Choose all that apply.

- Tried calling but couldn't get through
- Didn't know who to call
- Didn't think it was important
- Didn't think anywhere was open
- Didn't think I was allowed to during lockdown
- Thought it could wait
- No privacy to make a phonecall
- Don't have my own phone
- No phone credit
- No way to get to a clinic
- Didn't want to leave house during lockdown
- Worried about catching Covid-19 if I went out
- People in my bubble (household) would ask where I was going

Don't know

Other (please say) _____

25 Which method of contact with the nurse/Dr would you most want to use in the following situations?

	Clinic visit (in person)	Phone or video call	Text/email/messaging	Don't know
To get information or advice about a sexual health matter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you had symptoms you were worried about	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you wanted to get checked for STIs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To get treatment for an STI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you wanted to get condoms/barrier protection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you needed contraception (ignore if you don't have female reproductive system)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If you wanted to discuss HIV medication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

26 STI testing - a test for an STI usually involves taking your own vaginal swab or peeing in a pot at a clinic, but other options for testing might be more appealing to young people. Where might you want to get a free STI test if you needed to? Mark all that apply.

- At the nurse/Dr clinic
- Pick up a test kit to use at home
- Order a test kit online
- At a mobile clinic (e.g. bus or caravan)
- At a marae
- At a pharmacy
- At a community or Youth centre

Let us know a bit about who is taking this survey.

28 How old are you?

- 15 - 17 years
- 18 - 19 years
- 20 - 21 years
- 22 - 24 years

29 Which ethnic group do you belong to? Tick all that apply to you.

- New Zealand European
- Māori
- Samoan
- Cook Island Māori
- Tongan
- Niuean
- Chinese
- Indian
- Other such as Dutch, Japanese, Tokelauan. Please state. _____
- Choose not to answer

31 What is your gender identity?

- Female/Wahine
- Male/Tāne
- Transfemale/Whakawahine
- Transmale/Tangata ira tāne
- Genderqueer or gender diverse (state if you wish): _____
- Different identity, state if you wish _____
- Choose not to answer

32 Do you consider yourself to be:

- Heterosexual or straight
- Gay or lesbian
- Bisexual
- Not listed above, state if you wish _____
- Don't know
- Choose not to answer

33 Which of these best describes you? Tick as many as apply.

- At school or studying
- Working part time
- Working full time
- Looking for work
- Caring for children or another person

- Training/apprenticeship
- Not working or studying or unable to
- Receiving a benefit
- Other, please state _____
- Choose not to answer

34 Which Hawkes Bay town do you live in, or is closest to where you live?

- Napier
- Hastings
- Havelock North
- Waipukurau
- Wairoa
- Clive
- Waipawa
- Other, state if you wish _____
- Choose not to answer