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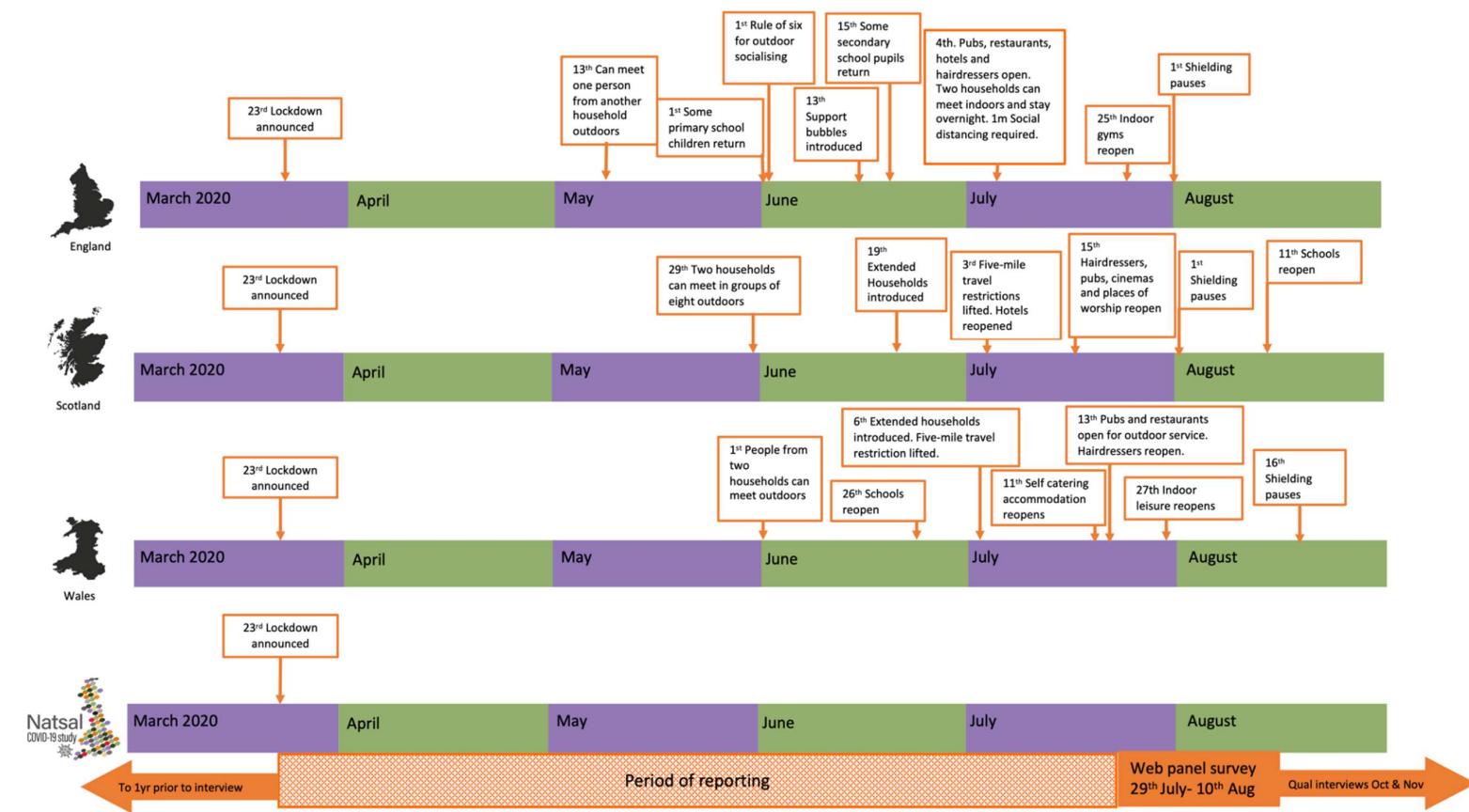
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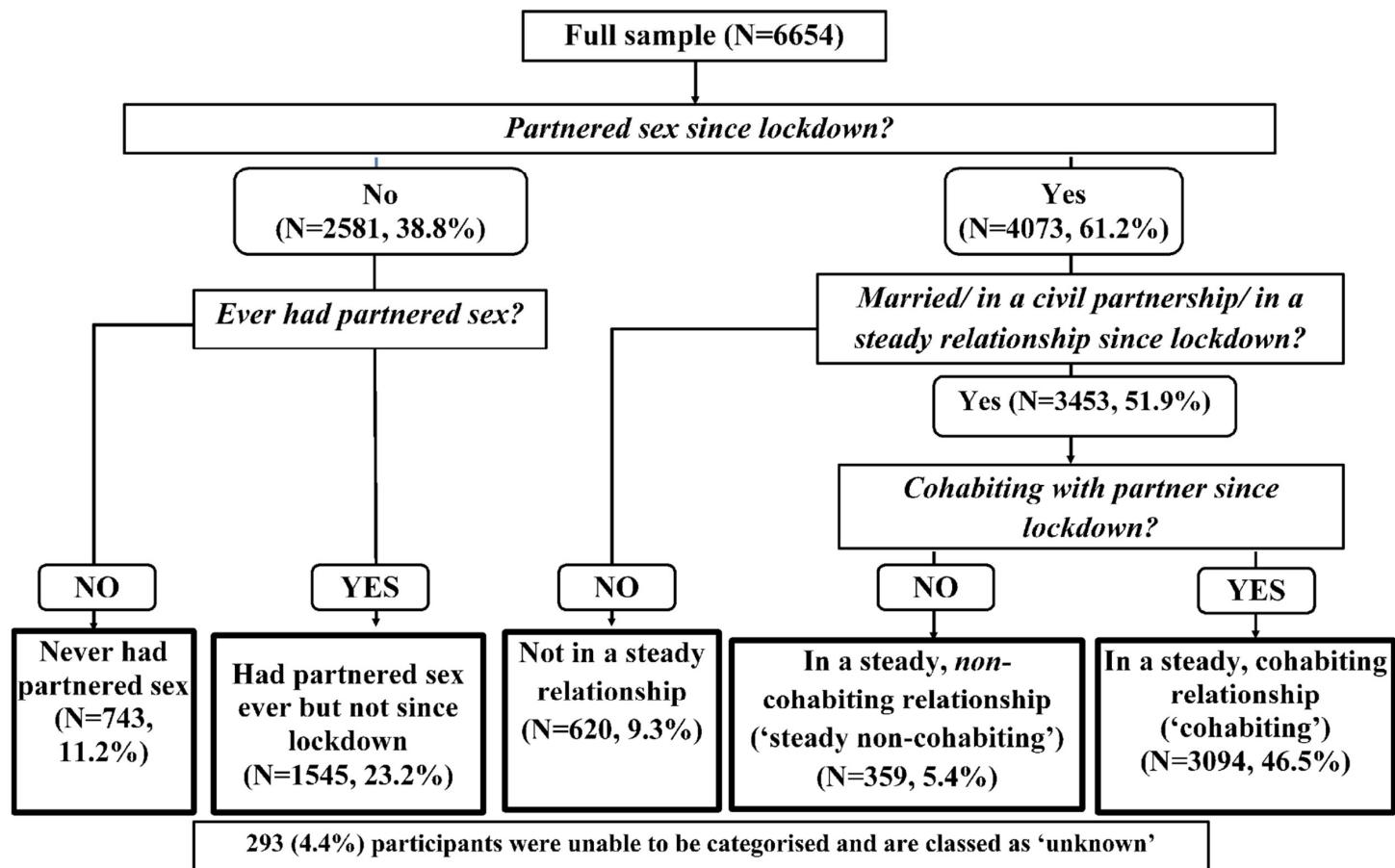
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Appendix 1: Timeline of Natsal-COVID study and COVID-19 restrictions in Britain



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Appendix 2: Flowchart of the sample distribution according to participants' experience of partnered sex and relationship status since lockdown



N=unweighted count. % = unweighted percentage

Appendix 3a: Experience of partnered sex by relationship status since lockdown stratified by age-group: Men ∞

		Age-group					p-value
		18-24	25-34	35-44	45-59	All	
No partnered sex since lockdown	No partner sex ever % (CI)	27·9 (23·2 - 33·1)	6·9 (5·1 - 9·2)	7·6 (5·7 - 10·1)	9·7 (8·1 - 11·6)	11·0 (9·8 - 12·3)	<0·001
	Partnered sex ever but not since lockdown % (CI)	13·0 (9·8 - 17·1)	18·1 (15·3 - 21·3)	21·4 (18·3 - 24·8)	36·9 (34·1 - 39·8)	25·1 (23·5 - 26·7)	
Had partnered sex since lockdown	Not in a steady relationship % (CI)	24·7 (20·3 - 29·7)	14·7 (12·2 - 17·6)	8·5 (6·6 - 11·0)	5·3 (4·1 - 6·8)	11·2 (10·0 - 12·4)	<0·001
	In a steady non-cohabiting relationship % (CI)	9·1 (6·5 - 12·7)	5·5 (4·1 - 7·5)	3·1 (2·0 - 4·7)	2·8 (2·0 - 4·0)	4·5 (3·7 - 5·3)	
	In a steady cohabiting relationship % (CI)	25·3 (20·8 - 30·3)	54·9 (51·0 - 58·6)	59·4 (55·5 - 63·2)	45·3 (42·4 - 48·2)	48·4 (46·5 - 50·2)	
All		100·0	100·0	100·0	100·0	100·0	
Denominators (unweighted, weighted) †		401, 450	775, 844	737, 789	1275, 1226	3187, 3310	

Appendix 3b: Experience of partnered sex by relationship status since lockdown stratified by age-group: Women ∞

		Age-group					p-value
		18-24	25-34	35-44	45-59	All	
No partnered sex since lockdown	No partner sex ever % (CI)	26·8 (23·0 - 31·1)	10·0 (8·2 - 12·3)	10·9 (8·6 - 13·6)	11·8 (9·8 - 14·2)	12·9 (11·7 - 14·2)	<0·001
	Partnered sex ever but not since lockdown % (CI)	19·4 (16·1 - 23·2)	14·0 (12·2 - 35·0)	21·6 (18·6 - 24·9)	36·8 (33·6 - 40·1)	24·7 (23·1 - 26·3)	
Had partnered sex since lockdown	Not in a steady relationship % (CI)	15·6 (12·6 - 19·3)	9·9 (8·1 - 12·1)	5·1 (3·7 - 7·1)	2·8 (1·9 - 4·2)	6·9 (6·1 - 7·8)	<0·001
	In a steady non-cohabiting relationship % (CI)	13·6 (10·9 - 16·8)	7·7 (6·1 - 9·5)	3·6 (2·4 - 5·4)	3·3 (2·3 - 4·7)	5·8 (5·0 - 6·7)	
	In a steady cohabiting relationship % (CI)	24·6 (21·0 - 28·5)	58·3 (55·1 - 61·5)	58·9 (55·0 - 62·6)	45·3 (42·0 - 48·6)	49·7 (47·9 - 51·6)	
All		100·0	100·0	100·0	100·0	100·0	
Denominators (unweighted, weighted) †		596, 399	1147, 917	735, 813	965, 1190	3443, 3320	

CI=confidence intervals.

† Denominator: All men/women (including trans men/women)

 ∞ 24 participants who identified “in another way” are included in data presented for all participants but excluded from “Men” and “Women”. Trans men and trans women are included in data for men and women, respectively.

Appendix 4a: Type and frequency of sexual activity reported since lockdown stratified by experience of partnered sex and relationship status since lockdown: Men

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Sexual activity since lockdown							
% reporting any sexual activity*	72·5 (66·6 - 77·6)	80·3 (77·0 - 83·1)	100	100	100	92·4 (91·3 - 93·4)	<0·0001
Denominator (unwgt, wgt)	286, 308	750, 765	359, 356	138, 142	1476, 1541	3009, 3112	
Physical sexual activities since lockdown†							
% reporting any physical sexual activity*	61·3 (55·1 - 67·1)	74·7 (71·2 - 77·9)	100	100	100	90 (88·8 - 91·1)	<0·0001
Denominator (unwgt, wgt)	286, 309	733, 744	359, 356	138, 142	1476, 1541	2992, 3093	
% reporting any vaginal, oral, and/or anal sex*	0	0	90·4 (86·4 - 93·4)	96·6 (90·1 - 98·9)	98·3 (97·5 - 98·9)	62·3 (60·4 - 64·1)	<0·0001
Denominator (unwgt, wgt)	301, 331	782, 799	357, 354	138, 142	1473, 1538	3051, 3163,	
Of those who did, frequency since lockdown**:							
Less than weekly	..	..	48·6 (42·6 - 54·6)	50·2 (41·3 - 59·0)	41·5 (38·8 - 44·2)	43·3 (40·9 - 45·6)	0·030
At least once a week	..	..	51·5 (45·4 - 57·4)	49·8 (41·0 - 58·7)	58·5 (55·8 - 61·2)	56·8 (54·4 - 59·1)	
Denominator (unwgt, wgt)	..	..	325, 320	134, 137	1443, 1512	1902, 1969	
% reporting other contact with someone's genital area*	0	0	90·2 (85·9 - 93·3)	86·3 (79·3 - 91·2)	87·3 (85·4 - 89·0)	56·2 (54·3 - 58·1)	0·36
Denominator (unwgt, wgt)	303, 332	782, 799	349, 346	138, 142	1459, 1524	3031, 3142	
Of those who did, frequency since lockdown**:							
Less than weekly	..	..	52·2 (46·1 - 58·2)	45·9 (36·6 - 55·5)	36·9 (34·2 - 39·8)	40·2 (37·8 - 42·8)	<0·0001
At least once a week	..	..	47·8 (41·8 - 53·9)	54·1 (44·6 - 63·4)	63·1 (60·2 - 65·8)	59·8 (57·3 - 62·2)	
Denominator (unwgt, wgt)	..	..	318, 312	119, 123	1280, 1331	1717, 1765	
% reporting masturbation*	59·4 (53·3 - 65·3)	74·4 (70·8 - 77·6)	84·5 (79·6 - 88·4)	78·7 (70·7 - 85·0)	71·4 (68·8 - 73·8)	72·7 (70·9 - 74·4)	<0·0001
Denominator (unwgt, wgt)	292, 316	734, 746	347, 342	136, 140	1433, 1495	2942, 3039	
Of those who did, frequency since lockdown**:							
Less than weekly	23·5 (17·1 - 31·2)	15·9 (13·0 - 19·4)	22·1 (17·2 - 27·8)	27·5 (19·3 - 37·7)	27·0 (24·2 - 29·9)	23·3 (21·4 - 25·3)	<0·0001
At least once a week	76·6 (68·8, 82·9)	84·1 (80·6, 87·0)	78·0 (72·2, 82·8)	72·5 (62·3, 80·7)	73·0 (70·1, 75·8)	76·7 (74·7, 78·6)	
Denominator (unwgt, wgt)	179, 188	557, 555	302, 289	108, 110	1047, 1068	2193, 2209	
% reporting using sex toys (by yourself or with someone else)*	3·2 (1·8 - 5·5)	5·5 (4·0 - 7·5)	46·1 (40·3 - 51·9)	33·8 (25·9 - 42·7)	29·9 (27·4 - 32·4)	22·8 (21·3 - 24·4)	<0·0001
Denominator (unwgt, wgt)	306, 335	776, 792	348, 344	137, 141	1457, 1523	3024, 3134	
Of those who did, frequency since lockdown**:							
Less than weekly	..	54·4 (38·3 - 69·6)	41·4 (33·4 - 50·0)	57·0 (41·4 - 71·3)	49·1 (44·1 - 54·1)	47·9 (44·0 - 51·9)	0·21
At least once a week	..	45·6 (30·4 - 61·7)	58·6 (50·0 - 66·6)	43·0 (28·7 - 58·6)	50·9 (46·0 - 55·9)	52·1 (48·1 - 56·0)	
Denominator (unwgt, wgt)	16, 11#	51, 43	167, 158	48, 48**	451, 455	733, 715	
Virtual sexual activities since lockdown							

% reporting any virtual sexual activity† *	58·5 (52·3 - 64·5)	71·6 (68·1 - 74·9)	91·9 (88·0 - 94·6)	75·4 (67·1 - 82·1)	67·8 (65·2 - 70·3)	70·9 (69·1 - 72·6)	<0·0001
<i>Denominator (unwgt, wgt)</i>	287, 311,	759, 774	353, 349	137, 141	1448, 1513	2984, 3088	
% reporting virtual sexual activity excluding looking at pornography†† *	19·0 (14·6 - 24·4)	27·8 (24·5 - 31·3)	80·4 (75·4 - 84·6)	58·6 (49·8 - 66·9)	27·6 (25·2 - 30·1)	34·1 (32·3 - 35·9)	<0·0001
<i>Denominator (unwgt, wgt)</i>	297, 324	776, 792	354, 351	137, 141	1466, 1531	3030, 3138	
% reporting messaging via dating apps/online*	16·2 (12·1 - 21·3)	24·1 (21·0 - 27·5)	66·9 (61·2 - 72·1)	40·2 (31·9 - 49·2)	19·2 (17·1 - 21·5)	26·4 (24·7 - 28·1)	<0·0001
<i>Denominator (unwgt, wgt)</i>	304, 331	779, 795	351, 348	137, 141	1459, 1526	3030, 3141	
Of those who did, frequency since lockdown**:							
Less than weekly	57·4 (42·0 - 71·5)	44·2 (36·6 - 52·1)	27·2 (21·4 - 34·0)	20·3 (11·1 - 34·3)	27·9 (22·5 - 33·9)	32·9 (29·4 - 36·5)	
At least once a week	42·6 (28·5 - 58·0)	55·8 (47·9 - 63·4)	72·8 (66·0 - 78·6)	79·7 (65·8 - 88·9)	72·1 (66·1 - 77·5)	67·1 (63·5 - 70·6)	<0·0001
<i>Denominator (unwgt, wgt)</i>	50, 54	188, 192	244, 233	53, 57	290, 293	825, 828	
% reporting sexting (images or recorded videos)*	4·5 (2·6 - 7·8)	10·6 (8·5 - 13·1)	56·9 (51·1 - 62·5)	40·1 (31·7 - 49·1)	20·7 (18·6 - 23·0)	21·4 (19·8 - 23·0)	<0·0001
<i>Denominator (unwgt, wgt)</i>	303, 331	780, 796	355, 352	137, 142	1468, 1535	3155, 3043	
Of those who did, frequency since lockdown**:							
Less than weekly	..	51·2 (39·9 - 62·4)	45·0 (37·5 - 52·7)	61·7 (47·1 - 74·5)	42·7 (36·9 - 48·7)	46·4 (42·3 - 50·6)	
At least once a week	..	48·8 (37·6 - 60·1)	55·1 (47·4 - 62·5)	38·3 (25·5 - 52·9)	57·3 (51·3 - 63·1)	53·6 (49·4 - 57·7)	0·10
<i>Denominator (unwgt, wgt)</i>	6, 15 #	93, 84	207, 200	53, 57	314, 318	683, 674	
% reporting using video or voice calls to interact with someone sexually*	3·3 (1·6 - 6·7)	6·8 (5·1 - 9·0)	53·8 (48·1 - 59·5)	39·5 (31·2 - 48·5)	16·1 (14·2 - 18·2)	17·6 (16·2 - 19·2)	<0·0001
<i>Denominator (unwgt, wgt)</i>	305, 334	778, 794	353, 349	138, 142	1465, 1531	3039, 3150	
Of those who did, frequency since lockdown**:							
Less than weekly	..	50·8 (36·4 - 65·2)	43·2 (35·5 - 51·2)	48·5 (34·5 - 62·8)	43·0 (36·5 - 49·8)	45·1 (40·6 - 49·7)	
At least once a week	..	49·2 (34·8 - 63·6)	56·8 (48·8 - 64·5)	51·5 (37·2 - 65·6)	57·0 (50·2 - 63·6)	54·9 (50·3 - 59·4)	0·21
<i>Denominator (unwgt, wgt)</i>	9, 11 #	50, 54	186, 188,	51, 56	237, 247	533, 555	
% reporting looking at pornography*	50·1 (43·9 - 56·2)	67·1 (63·5 - 70·6)	81·2 (76·2 - 85·4)	67·5 (58·8 - 75·2)	63·4 (60·7 - 66·0)	65·1 (63·3 - 66·9)	<0·0001
<i>Denominator (unwgt, wgt)</i>	294, 319	750, 763	348, 345	136, 140	1445, 1510	2973, 3076	
Of those who did, frequency since lockdown**:							
Less than weekly	29·5 (22·0 - 38·2)	22·0 (18·4 - 26·0)	32·6 (26·8 - 39·1)	24·1 (16·1 - 34·5)	33·3 (30·1 - 36·6)	29·6 (27·4 - 31·8)	
At least once a week	70·5 (61·8 - 78·0)	78·0 (74·0 - 81·6)	67·4 (60·9 - 73·2)	75·9 (65·6 - 83·9)	66·7 (63·4 - 69·9)	70·4 (68·2 - 72·6)	<0·0001
<i>Denominator (unwgt, wgt)</i>	151, 160	511, 512	286, 281	93, 94	938, 957	1979, 2003	
% reporting paying for online sexual services (e.g. live streaming)*	1·3 (0·5 - 3·4)	1·1 (0·5 - 2·2)	32·7 (27·4 - 38·4)	16·4 (10·7 - 24·4)	11·2 (9·6 - 13·1)	10·2 (9·1 - 11·4)	<0·0001
<i>Denominator (unwgt, wgt)</i>	309, 338	780, 796	352, 350	137, 141	1466, 1531	3044, 3155	
Of those who did, frequency since lockdown**:							
Less than weekly	..	..	47·2 (37·0 - 57·6)	..	40·0 (32·2 - 48·2)	42·9 (37·0 - 49·0)	
At least once a week	..	..	52·8 (42·4 - 63·0)	..	60·0 (51·8 - 67·8)	57·1 (51·0 - 63·0)	0·11
<i>Denominator (unwgt, wgt)</i>	5, 5 #	8, 8 #	106, 114	22, 23 #	163, 172	304, 322	

CI=confidence intervals·

* Denominator: All respondents

** Denominator: All respondents who reported the activity in lockdown

† Reported at least one of the following since lockdown: vaginal, anal or oral sex, other contact with someone's genital area, masturbating, using sex toys (by yourself or with someone else)

†† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, looking at pornography, paying for online sexual services (e.g. live streaming)

††† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, paying for online sexual services (e.g. live streaming)

Unweighted denominator <30· Results not shown due to small denominator

Appendix 4b: Type and frequency of sexual activity reported since lockdown stratified by experience of partnered sex and relationship status since lockdown: Women[∞]

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Sexual activity since lockdown							
% reporting any sexual activity*	36·1 (30·8 - 41·7)	50·0 (46·1 - 53·8)	100	100	100	80·7 (79·1 - 82·1)	<0·0001
Denominator (unwgt, wgt)	346, 333	732, 748	258, 217	220, 182	1612, 1564	3168, 3044	
% reporting physical sexual activity †* Denominator (unwgt, wgt)	24·5 (20·0 - 29·6)	41·5 (37·7 - 45·3)	100	100	100	77·4 (75·7 - 78·9)	<0·0001
% reporting vaginal, oral, and/or anal sex* Denominator (unwgt, wgt)	0	0	94·2 (89·6 - 96·8)	98·0 (94·6 - 99·3)	97·1 (96·0 - 97·9)	61·2 (59·4 - 63·0)	
Of those who did, frequency since lockdown**:							0·065
Less than weekly	..	..	60·4 (53·5 - 66·9)	45·0 (37·8 - 52·3)	40·0 (37·4 - 42·6)	42·6 (40·3 - 45·0)	<0·0001
At least once a week	..	..	39·6 (33·1 - 46·5)	55·1 (47·7 - 62·2)	60·0 (57·4 - 62·6)	57·4 (55·1 - 59·7)	
Denominator (unwgt, wgt)	..	..	245, 204	214, 178	1568, 1516	2027, 1898	
% reporting other contact with someone's genital area* Denominator (unwgt, wgt)	0	0	80·9 (75·0 - 85·7)	85·6 (79·1 - 90·3)	83·8 (81·8 - 85·7)	52·4 (50·5 - 54·3)	0·460
Of those who did, frequency since lockdown**:							
Less than weekly	..	..	61·1 (53·6 - 68·2)	41·1 (33·9 - 48·8)	36·1 (33·4 - 38·9)	39·2 (36·8 - 41·7)	<0·0001
At least once a week	..	..	38·9 (31·8 - 46·4)	58·9 (51·2 - 66·2)	63·9 (61·1 - 66·6)	60·8 (58·3 - 63·2)	
Denominator (unwgt, wgt)	..	..	207, 170	192, 155	1344, 1279	1743, 1603	
% reporting masturbation* Denominator (unwgt, wgt)	21·5 (17·5 - 26·2)	39·1 (35·4 - 42·9)	65·3 (58·4 - 71·7)	60·7 (53·2 - 67·8)	42·9 (40·3 - 45·5)	41·8 (40·0 - 43·7)	<0·0001
Of those who did, frequency since lockdown**:							
Less than weekly	43·3 (32·5 - 54·8)	54·4 (48·5 - 60·2)	40·0 (32·3 - 48·3)	53·5 (44·1 - 62·7)	52·6 (48·7 - 56·5)	51·2 (48·4 - 54·0)	0·034
At least once a week	56·7 (45·2,67·5)	45·6 (39·8,51·6)	60·0 (51·7,67·7)	46·5 (37·4,55·9)	47·4 (43·5,51·3)	48·8 (46·0,51·6)	
Denominator (unwgt, wgt)	95, 79	321, 289	174, 133	130, 103	737, 654,	1457, 1257	
% reporting using sex toys (by yourself or with someone else)* Denominator (unwgt, wgt)	5·9 (3·9 - 8·9)	18·2 (15·6 - 21·2)	48·6 (41·9 - 55·3)	40·7 (33·7 - 48·1)	27·0 (24·8 - 29·3)	24·4 (22·9 - 26·0)	<0·0001
Of those who did, frequency since lockdown**:							
Less than weekly	..	53·9 (45·5 - 62·1)	41·8 (32·9 - 51·4)	63·5 (52·0 - 73·6)	58·7 (53·8 - 63·4)	55·8 (52·2 - 59·4)	0·023
At least once a week	..	46·1 (37·9 - 54·5)	58·2 (48·6 - 67·2)	36·5 (26·4 - 48·0)	41·3 (36·7 - 46·2)	44·2 (40·6 - 47·8)	
Denominator (unwgt, wgt)	24, 23 #	160, 138	132, 101	90, 71	488, 416	894, 748	
Any virtual sexual activity since lockdown							
% reporting any virtual sexual activity†† * Denominator (unwgt, wgt)	25·7 (21·3 - 30·6)	29·7 (26·5 - 33·1)	71·5 (64·9 - 77·3)	62·9 (55·5 - 69·6)	29·3 (27·0 - 31·7)	33·9 (32·2 - 35·6)	<0·0001
% reporting any virtual sexual activity excluding looking at pornography ††† * Denominator (unwgt, wgt)	19·5 (15·7 - 23·9)	23·2 (20·3 - 26·4)	62·4 (55·6 - 68·7)	51·0 (43·7 - 58·2)	14·3 (12·7 - 16·2)	22·7 (21·2 - 24·2)	
Denominator (unwgt, wgt)	383, 374	746, 764	256, 215	218, 181	1596, 1549	3199, 3082	

% reporting messaging via dating apps/online*	15·7 (12·4 - 19·8)	19·1 (16·5 - 22·1)	47·4 (40·8 - 54·1)	36·6 (29·9 - 43·8)	8·3 (7·0 - 9·9)	16·3 (15·0 - 17·6)	<0·0001
Denominator (unwgt, wgt)	391, 381	753, 771	254, 213	219, 182	1601, 1553	3218, 3099	
Of those who did, frequency since lockdown**:							
Less than weekly	52·3 (39·9 - 64·5)	36·7 (29·4 - 44·7)	30·0 (21·7 - 39·8)	19·3 (10·6 - 32·7)	28·3 (20·8 - 37·2)	32·7 (28·7 - 37·1)	0·002
At least once a week	47·7 (35·5 - 60·1)	63·3 (55·3 - 70·6)	70·1 (60·3 - 78·3)	80·7 (67·3 - 89·4)	71·8 (62·8 - 79·2)	67·3 (62·9 - 71·3)	
Denominator (unwgt, wgt)	75, 60	178, 147	127, 101	86, 66	151, 130	617, 504	
% reporting sexting (images or recorded videos)*	4·9 (3·2 - 7·6)	8·5 (6·7 - 10·8)	37·2 (31·0 - 43·8)	32·5 (26·2 - 39·4)	9·7 (8·3 - 11·3)	12·0 (10·9 - 13·2)	<0·0001
Denominator (unwgt, wgt)	397, 389	747, 766	253, 213	219, 182	1606, 1558	3222, 3106	
Of those who did, frequency since lockdown**:							
Less than weekly	..	50·5 (38·5 - 62·5)	44·4 (34·1 - 55·3)	50·0 (38·1 - 61·9)	51·9 (44·0 - 59·8)	50·8 (45·8 - 55·8)	0·30
At least once a week	..	49·5 (37·6 - 61·5)	55·6 (44·8 - 65·9)	50·0 (38·1 - 61·9)	48·1 (40·2 - 56·1)	49·2 (44·2 - 54·2)	
Denominator (unwgt, wgt)	24, 19 #	75, 65,	105, 79	77, 59	185, 151	466, 373	
% reporting using video or voice calls to interact with someone sexually*	3·0 (1·6 - 5·4)	4·9 (3·6 - 6·7)	28·1 (22·4 - 34·7)	24·2 (18·7 - 30·8)	6·9 (5·7 - 8·3)	8·4 (7·4 - 9·4)	<0·0001
Denominator (unwgt, wgt)	397, 387	749, 768	256, 214	217, 180	1605, 1557	3224, 3106	
Of those who did, frequency since lockdown**:							
Less than weekly	..	59·8 (43·5 - 74·2)	51·9 (38·9 - 64·7)	48·0 (34·5 - 61·9)	47·2 (37·5 - 57·0)	50·8 (44·6 - 57·0)	0·69
At least once a week	..	40·2 (25·8 - 56·5)	48·1 (35·3 - 61·1)	52·0 (38·1 - 65·5)	52·8 (43·0 - 62·5)	49·2 (43·0 - 55·4)	
Denominator (unwgt, wgt)	11, 11 #	42, 38 †	68, 60	56, 44	123, 107	300, 260	
% reporting looking at pornography*	11·6 (8·6 - 15·6)	14·7 (12·4 - 17·4)	44·8 (38·2 - 51·6)	35·2 (28·6 - 42·5)	21·9 (19·8 - 24·1)	21·1 (19·7 - 22·7)	<0·0001
Denominator (unwgt, wgt)	388, 381	742, 761	249, 206	215, 180	1597, 1551	3191, 3078	
Of those who did, frequency since lockdown**:							
Less than weekly	47·5 (32·4 - 63·1)	60·4 (51·5 - 68·7)	57·0 (47·0 - 66·4)	59·8 (47·5 - 70·9)	65·0 (59·6 - 70·0)	61·4 (57·6 - 65·0)	0·18
At least once a week	52·5 (36·9 - 67·6)	39·6 (31·3 - 48·5)	43·0 (33·6 - 53·0)	40·2 (29·1 - 52·5)	35·0 (30·0 - 40·4)	38·6 (35·0 - 42·5)	
Denominator (unwgt, wgt)	51, 44	144, 112	124, 92	84, 63	395, 339	798, 651	
% reporting paying for online sexual services (e.g. live streaming)*	0·5 (0·1 - 2·0)	0·4 (0·1 - 1·2)	9·0 (5·8 - 13·8)	4·9 (2·7 - 8·8)	2·8 (2·1 - 3·8)	2·4 (1·9 - 3·1)	<0·0001
Denominator (unwgt, wgt)	400, 391	757, 775	253, 210	219, 182	1607, 1560	3236, 3117	
Of those who did, frequency since lockdown**:							
Less than weekly	..	..	..	..	41·3 (27·4 - 56·8)	41·3 (30·7 - 52·7)	0·26
At least once a week	..	..	..	..	58·7 (43·2 - 72·6)	58·7 (47·3 - 69·3)	
Denominator (unwgt, wgt)	2, 2 #	4, 3 †	24, 19 #	12, 9 #	53, 43	95, 76	

CI=confidence intervals.

∞ 24 participants who identified “in another way” are included in data presented for all participants but excluded from “Men” and “Women”.

Trans men and trans women are included in data for men and women, respectively.

* Denominator: All respondents

** Denominator: All respondents who reported the activity in lockdown

† Reported at least one of the following since lockdown: vaginal, anal or oral sex, other contact with someone's genital area, masturbating, using sex toys (by yourself or with someone else)

†† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, looking at pornography, paying for online sexual services (e.g. live streaming)

††† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, paying for online sexual services (e.g. live streaming)

‡ Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

Unweighted denominator <30. Results not shown due to small denominator.

Appendix 5a: Type and frequency of sexual activity reported since lockdown stratified by experience of partnered sex and relationship status since lockdown: Age-group 18-24 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Sexual activity since lockdown							
% reporting any sexual activity*	62·5 (55·2 - 69·2)	85·5 (77·4 - 91·0)	100	100	100	88·4 (85·8 - 90·5)	<0·0001
Denominator (unwgt, wgt)	215, 195	159, 128	187, 171	115, 91	252, 205	928, 789	
% reporting any physical sexual activity † * *	46·3 (39·1 - 53·8)	68·2 (59·2 - 76·0)	100	100	100	81·5 (78·6 - 84·2)	<0·0001
Denominator (unwgt, wgt)	216, 199	152, 122	187, 171	115, 91	252, 205	922, 787	
% reporting any virtual sexual activity ‡‡ * *	51·3 (44·1 - 58·5)	80·1 (71·7 - 86·5)	91·0 (84·6 - 95·0)	79·6 (70·8 - 86·2)	68·9 (62·2 - 74·9)	72·2 (68·9 - 75·3)	<0·0001
Denominator (unwgt, wgt)	225, 202	160, 129	185, 169	115, 91	248, 202	933, 793	
% reporting any virtual sexual activity excluding looking at pornography ‡‡‡ * *	25·6 (19·9 - 32·3)	61·3 (52·4 - 69·5)	86·0 (79·2 - 90·9)	69·4 (59·7 - 77·6)	47·6 (40·6 - 54·7)	54·6 (51·0 - 58·2)	<0·0001
Denominator (unwgt, wgt)	231, 211	160, 129	185, 169	115, 91	251, 204	942, 804	

CI=confidence intervals.

* Denominator: All respondents

† Reported at least one of the following since lockdown: vaginal, anal or oral sex, other contact with someone's genital area, masturbating, using sex toys (by yourself or with someone else)

‡‡ Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, looking at pornography, paying for online sexual services (e.g. live streaming)

‡‡‡ Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, paying for online sexual services (e.g. live streaming)

Appendix 5b: Type and frequency of sexual activity reported since lockdown stratified by experience of partnered sex and relationship status since lockdown: Age-group 25-34 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Sexual activity since lockdown							
% reporting any sexual activity*	53·5 (44·0 - 62·7)	81·9 (76·5 - 86·2)	100	100	100	93·6 (92·3 - 94·8)	<0·0001
Denominator (unwgt. wgt)	130, 126	282, 261	229, 207	128, 112	1049, 959	1818, 1664	
% reporting any physical sexual activity † *	40·1 (31·1 - 49·7)	72·8 (66·7 - 78·1)	100	100	100	91·3 (89·7 - 92·6)	<0·0001
Denominator (unwgt. wgt)	132, 129	270, 248	229, 207	128, 112	1049, 959	1808, 1654	
% reporting virtual sexual activity ‡‡ *	47·2 (38·1 - 56·6)	71·8 (65·9 - 77·1)	86·7 (81·3 - 90·7)	69·4 (60·1 - 77·4)	56·1 (52·8 - 59·3)	62·6 (60·1 - 65·0)	<0·0001
Denominator (unwgt. wgt)	134, 131	286, 265	226, 204	126, 110	1026, 937	1798, 1646	
% reporting any virtual sexual activity excluding looking at pornography ‡‡‡ *	24·5 (17·7 - 33·0)	49·1 (42·9 - 55·4)	76·0 (69·4 - 81·6)	60·3 (50·9 - 69·1)	28·1 (25·2 - 31·2)	39·2 (36·8 - 41·7)	<0·0001
Denominator (unwgt. wgt)	138, 134	290, 269	227, 205	126, 110	1036, 946	1817, 1664	

CI=confidence intervals.

* Denominator: All respondents

† Reported at least one of the following since lockdown: vaginal, anal or oral sex, other contact with someone's genital area, masturbating, using sex toys (by yourself or with someone else)

‡‡ Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, looking at pornography, paying for online sexual services (e.g. live streaming)

‡‡‡ Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, paying for online sexual services (e.g. live streaming)

Appendix 5c: Type and frequency of sexual activity reported since lockdown stratified by experience of partnered sex and relationship status since lockdown: Age-group 35-44 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Sexual activity since lockdown							
% reporting any sexual activity*	51·9 (41·6 - 62·1)	68·2 (62·3 - 73·5)	100	100	100	89·7 (87·8 - 91·3)	<0·0001
<i>Denominator (unwgt, wgt)</i>	110, 120,	303, 320	104, 104	49, 52‡	825, 909	1390, 1505	
% reporting any physical sexual activity † *	42·4 (32·6 - 52·8)	63·7 (57·6 - 69·3)	100	100	100	88·2 (86·2 - 89·9)	<0·0001
<i>Denominator (unwgt, wgt)</i>	100, 109	294, 311	104, 104	49, 52‡	825, 909	1372, 1485	
% reporting virtual sexual activity ‡‡ *	34·0 (25·4 - 43·7)	56·3 (50·3 - 62·0)	83·7 (74·4 - 90·1)	67·6 (52·76 - 79·58)	50·2 (46·6 - 53·8)	52·9 (50·1 - 55·7)	<0·0001
<i>Denominator (unwgt, wgt)</i>	111, 127	307, 325	100, 99	48, 51‡	810, 893	1376, 1495	
% reporting any virtual sexual activity excluding looking at pornography ‡‡‡ *	19·1 (12·7 - 27·8)	28·6 (23·5 - 34·2)	72·2 (61·9 - 80·7)	43·2 (29·5 - 58·0)	20·2 (17·5 - 23·2)	26·2 (23·8 - 28·7)	<0·0001
<i>Denominator (unwgt, wgt)</i>	115, 131	309, 327	101, 101	48, 51‡	817, 901	1390, 1512	

CI=confidence intervals.

* Denominator: All respondents

† Reported at least one of the following since lockdown: vaginal, anal or oral sex, other contact with someone's genital area, masturbating, using sex toys (by yourself or with someone else)

†† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, looking at pornography, paying for online sexual services (e.g. live streaming)

††† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, paying for online sexual services (e.g. live streaming)

[†] Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

Appendix 5d: Type and frequency of sexual activity reported since lockdown stratified by experience of partnered sex and relationship status since lockdown: Age-group 45-59 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Sexual activity since lockdown							
% reporting any sexual activity*	47·0 (39·8 - 54·5)	55·8 (52·1 - 59·5)	100	100	100	78·8 (76·9 - 80·6)	<0·0001
Denominator (unwgt, wgt)	193, 218	744, 809	100, 94	67, 70	968, 1039	2072, 2230	
% reporting any physical sexual activity † * *	39·1 (32·3 - 46·4)	50·3 (46·5 - 54·0)	100	100	100	76·0 (74·0 - 77·9)	<0·0001
Denominator (unwgt, wgt)	194, 219	742, 808	100, 94	67, 70	968, 1039	2071, 2229	
% reporting any virtual sexual activity †† *	32·1 (25·8 - 39·0)	37·6 (34·2 - 41·2)	67·3 (56·4 - 76·6)	53·0 (40·3 - 65·3)	36·0 (33·0 - 39·2)	38·0 (35·9 - 40·2)	<0·0001
Denominator (unwgt, wgt)	204, 231	754, 821	99, 93	67, 70	961, 1031	2085, 2246	
% reporting any virtual sexual activity excluding looking at pornography ††† *	10·8 (7·0 - 16·2)	11·3 (9·2 - 13·8)	48·0 (37·6 - 58·5)	33·9 (22·8 - 47·2)	10·0 (8·3 - 12·1)	12·9 (11·5 - 14·4)	<0·0001
Denominator (unwgt, wgt)	203, 230	768, 835	100, 94	67, 70	964, 1035	2102, 2263	

CI=confidence intervals.

* Denominator: All respondents

† Reported at least one of the following since lockdown: vaginal, anal or oral sex, other contact with someone's genital area, masturbating, using sex toys (by yourself or with someone else)

†† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, looking at pornography, paying for online sexual services (e.g. live streaming)

††† Reported at least one of the following since lockdown: messaging via dating apps/online, sexting (images or recorded videos), using video or voice calls to interact with someone sexually, paying for online sexual services (e.g. live streaming)

Appendix 6a: Extent and direction of perceived change in frequency of particular physical and virtual sexual activities compared to pre-lockdown, stratified by experience of partnered sex and relationship status since lockdown: Men ∞

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Vaginal, anal and/or oral sex							
Did less since lockdown	..	100	36·9 (31·3,43·0)	47·5 (38·8,56·4)	17·3 (15·4,19·5)	31·5 (29·5,33·7)	<0·0001
No change since lockdown	..	0	37·0 (31·4,43·1)	38·0 (29·8,47·0)	65·0 (62·3,67·6)	51·8 (49·5,54·1)	
Did more since lockdown	..	0	26·0 (21·0,31·7)	14·5 (9·2,22·1)	17·7 (15·6,19·9)	16·6 (15·0,18·4)	
Denominator (unwgt, wgt)*	..	247, 251	320, 315	135, 137	1413, 1479	2115, 2181	
Other contact with someone's genital area							
Did less since lockdown	..	100·0	41·6 (35·6,47·9)	42·6 (33·9,51·9)	16·3 (14·3,18·6)	31·9 (29·7,34·1)	<0·0001
No change since lockdown	..	0·0	35·4 (29·6,41·7)	40·0 (31·3,49·3)	65·9 (63·1,68·6)	51·8 (49·4,54·2)	
Did more since lockdown	..	0·0	23·0 (18·1,28·8)	17·4 (11·2,26·0)	17·8 (15·6,20·2)	16·4 (14·6,18·2)	
Denominator (unwgt, wgt)*	..	245, 243	295, 288	126, 130	1283, 1333	1949, 1994	
Masturbation							
Did less since lockdown	17·9 (12·3,25·2)	12·2 (9·6,15·3)	13·7 (9·9,18·7)	11·3 (6·4,19·1)	12·4 (10·4,14·7)	12·9 (11·5,14·5)	<0·0001
No change since lockdown	62·0 (54·1,69·4)	67·8 (63·5,71·8)	48·3 (42·0,54·6)	49·6 (39·5,59·7)	61·2 (58·0,64·3)	60·7 (58·5,62·9)	
Did more since lockdown	20·1 (14·6,27·1)	20·1 (16·7,24·0)	38·0 (32·0,44·4)	39·1 (29·6,49·6)	26·4 (23·7,29·4)	26·3 (24·4,28·4)	
Denominator (unwgt, wgt)**	187, 196	569, 565	294, 283	105, 108	1045, 1064	2200, 2216	
Using sex toys (by yourself or with someone else)							
Did less since lockdown	70·6 (52·0,84·2)	55·9 (45·0,66·2)	26·4 (19·6,34·6)	19·6 (10·4,33·9)	19·6 (15·9,23·9)	27·0 (23·8,30·5)	<0·0001
No change since lockdown	23·6 (11·6,41·9)	30·8 (21·7,41·6)	46·1 (37·9,54·5)	37·7 (24·8,52·7)	55·6 (50·6,60·4)	48·5 (44·8,52·3)	
Did more since lockdown	5·9 (1·5,20·7)	13·4 (7·4,23·0)	27·5 (20·5,35·8)	42·7 (28·7,58·0)	24·9 (20·9,29·3)	24·5 (21·4,27·9)	
Denominators (wgt, unwgt)**	33, 29†	105, 94	167, 162	50, 51	471, 474	826, 810	
Messaging via dating apps/ online							
Did less since lockdown	44·1 (31·5,57·5)	42·0 (35·5,48·7)	23·7 (18·2,30·2)	27·3 (17·0,40·6)	27·5 (22·4,33·2)	31·7 (28·5,35·0)	0·002
No change since lockdown	36·7 (25·1,50·2)	31·9 (25·9,38·5)	39·7 (33·0,46·7)	37·6 (25·5,51·5)	38·8 (33·2,44·8)	36·9 (33·6,40·4)	
Did more since lockdown	19·2 (10·8,31·7)	26·2 (20·6,32·6)	36·7 (30·1,43·7)	35·1 (23·4,48·9)	33·7 (28·3,39·6)	31·4 (28·3,34·8)	
Denominators (wgt, unwgt)**	68, 65	253, 249	232, 238	61, 58	320, 320	935, 930	
Sexting (images or recorded videos)							
Did less since lockdown	69·1 (50·2,83·3)	51·5 (43·1,59·8)	24·4 (18·4,31·6)	14·4 (6·9,27·5)	26·7 (21·9,32·2)	31·8 (28·4,35·5)	<0·0001

No change since lockdown	19·1 (8·4,37·8)	20·5 (14·5,28·2)	34·7 (27·9,42·1)	44·7 (31·3,58·9)	38·2 (32·8,44·0)	33·5 (30·0,37·2)	
Did more since lockdown	11·8 (4·2,28·9)	28·0 (21·1,36·2)	41·0 (33·8,48·6)	40·9 (28·0,55·3)	35·1 (29·8,40·8)	34·7 (31·1,38·4)	
<i>Denominators (wgt, unwgt)**</i>	33, 33 †	154, 163	203, 208	57, 53	345, 338	792, 795	
Using video or voice calls to interact with someone sexually							
Did less since lockdown	78·5 (57·0,90·9)	62·9 (52·7,72·0)	24·4 (18·1,32·1)	15·4 (7·5,29·3)	26·8 (21·4,32·9)	34·2 (30·4,38·3)	<0·0001
No change since lockdown	11·1 (3·5,30·3)	14·5 (8·9,22·7)	32·9 (25·7,40·9)	38·9 (25·8,53·9)	29·8 (24·2,36·0)	27·8 (24·2,31·7)	
Did more since lockdown	10·5 (2·6,34·1)	22·6 (15·1,32·5)	42·7 (35·0,50·8)	45·6 (31·9,60·1)	43·5 (37·1,50·0)	38·0 (34·0,42·2)	
<i>Denominators (wgt, unwgt)**</i>	37, 31 †	111, 112	183, 181	56, 50	265, 261	652, 635	
Looking at pornography							
Did less since lockdown	15·8 (10·3,23·5)	12·0 (9·3,15·3)	12·1 (8·4,17·1)	11·5 (6·1,20·9)	10·7 (8·8,13·0)	11·7 (10·3,13·3)	<0·0001
No change since lockdown	62·0 (53·3,69·9)	65·6 (61·1,69·9)	50·1 (43·6,56·6)	48·7 (38·0,59·5)	61·7 (58·3,65·0)	60·6 (58·2,62·9)	
Did more since lockdown	22·2 (15·9,30·1)	22·4 (18·7,26·6)	37·7 (31·6,44·3)	39·8 (29·6,50·9)	27·6 (24·5,30·8)	27·7 (25·6,29·9)	
<i>Denominator (unwgt, wgt)**</i>	158, 167	522, 522	278, 270	91, 94	932, 948	1981, 2002	
Paying for online sexual services (e.g. live streaming)							
Did less since lockdown	..	81·5 (66·5,90·7)	26·8 (18·6,36·9)	..	29 (22·3,36·6)	38·1 (33·0,43·4)	<0·0001
No change since lockdown	..	6·6 (2·1,18·7)	30·6 (22·1,40·7)	..	29 (22·5,36·4)	24·9 (20·6,29·9)	
Did more since lockdown	..	11·9 (4·8,26·6)	42·6 (32·9,52·9)	..	42·1 (34·8,49·8)	37 (32·1,42·3)	
<i>Denominator (unwgt, wgt)**</i>	25, 25 ‡	46, 46 **	110, 116	24, 27 ‡	187, 200	392, 415	

CI=confidence intervals.

∞ 24 participants who identified “in another way” are included in data presented for all participants but excluded from “Men” and “Women”. Trans men and trans women are included in data for men and women, respectively.

* Denominator: All respondents (excluding those with no partnered experience ever) who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

** Denominator: All respondents who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease

† Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

‡ Unweighted denominator <30. Results not shown due to small denominator.

Appendix 6b: Extent and direction of perceived change in frequency of particular physical and virtual sexual activities compared to pre-lockdown, stratified by experience of partnered sex and relationship status since lockdown: Women ∞

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Vaginal, anal and/or oral sex							
Did less since lockdown	..	100	42·3 (35·6,49·3)	46·7 (39·4,54·0)	15·3 (13·5,17·3)	28·6 (26·6,30·6)	<0·0001
No change since lockdown	..	0	31·6 (25·5,38·3)	37·7 (31·0,45·0)	70·1 (67·6,72·4)	57·1 (54·8,59·3)	
Did more since lockdown	..	0	26·2 (20·5,32·7)	15·6 (11·2,21·4)	14·6 (12·8,16·6)	14·4 (12·9,16·0)	
Denominator (unwgt, wgt)*	..	218, 196	235, 191	214, 178	1548, 1496	2215, 2061	
Other contact with someone's genital area							
Did less since lockdown	..	100	43·0 (35·8,50·4)	45·6 (38·1,53·3)	13·8 (12·0,15·9)	28·7 (26·6,30·9)	<0·0001
No change since lockdown	..	0	33·2 (26·5,40·6)	41·5 (34·2,49·2)	72·3 (69·6,74·7)	58·0 (55·7,60·4)	
Did more since lockdown	..	0	23·9 (18·2,30·7)	12·9 (8·7,18·9)	13·9 (12·1,16·0)	13·3 (11·7,15·0)	
Denominator (unwgt, wgt)*	..	218, 193	210, 168	194, 159	1331, 1267	1953, 1787	
Masturbation							
Did less since lockdown	24·8 (16·8,35·0)	20·2 (16·1,25·1)	17·3 (12·0,24·2)	17·9 (12·2,25·5)	18·8 (15·9,22·0)	19·3 (17·3,21·6)	<0·0001
No change since lockdown	56·6 (45·9,66·7)	64·2 (58·7,69·3)	52·4 (44·3,60·3)	48·4 (39·2,57·7)	64·7 (60·9,68·2)	61·5 (58·8,64·1)	
Did more since lockdown	18·7 (11·9,28·1)	15·6 (12·1,19·8)	30·4 (23·6,38·1)	33·7 (25·4,43·1)	16·5 (13·9,19·5)	19·2 (17·2,21·4)	
Denominator (unwgt, wgt)**	105, 91	356, 323	179, 137	134, 104	765, 682	1539, 1337	
Using sex toys (by yourself or with someone else)							
Did less since lockdown	50·5 (34·9,66·0)	24·4 (18·4,31·5)	18·9 (12·8,26·9)	19·8 (12·7,29·6)	16·6 (13·4,20·4)	20·4 (17·8,23·3)	<0·0001
No change since lockdown	32·2 (19·2,48·7)	58·1 (50·5,65·3)	51·3 (42·3,60·3)	55·8 (44·5,66·5)	65·1 (60·6,69·5)	59·5 (56·2,62·8)	
Did more since lockdown	17·3 (8·5,32·1)	17·6 (12·7,23·8)	29·8 (22·4,38·4)	24·4 (15·7,35·9)	18·3 (14·9,22·2)	20·1 (17·5,22·9)	
Denominators (wgt, unwgt)**	44, 42‡	194, 168	143, 107	95, 74	521, 453	997, 844	
Messaging via dating apps/ online							
Did less since lockdown	45·8 (34·8,57·3)	34·0 (27·6,41·1)	25·9 (18·8,34·5)	17·0 (10·2,27·1)	28·1 (21·1,36·3)	30·6 (27·0,34·5)	0·002
No change since lockdown	27·3 (18·4,38·5)	31·6 (25·5,38·5)	29·2 (21·6,38·0)	49·6 (38·2,61·1)	38·7 (30·9,47·2)	34·4 (30·7,38·4)	
Did more since lockdown	26·9 (18·0,38·0)	34·4 (28·1,41·2)	45·0 (36·2,54·1)	33·4 (23·6,44·9)	33·2 (25·9,41·4)	35·0 (31·3,38·9)	
Denominators (wgt, unwgt)**	75, 91	191, 229	108, 141	69, 89	140, 167	583, 717	
Sexting (images or recorded videos)							
Did less since lockdown	68·9 (52·9,81·4)	53·4 (43·9,62·6)	30·8 (22·5,40·6)	30·0 (20·5,41·6)	28·0 (21·8,35·2)	38·0 (33·8,42·5)	<0·0001
No change since lockdown	27·3 (15·5,43·5)	27·3 (19·4,36·9)	27·8 (19·8,37·4)	32·9 (23·1,44·5)	44·6 (37·3,52·1)	34·6 (30·4,38·9)	

Did more since lockdown	3·8 (1·3,10·8)	19·3 (13·2,27·3)	41·4 (31·8,51·8)	37·1 (26·7,48·9)	27·4 (21·1,34·7)	27·4 (23·6,31·6)	
<i>Denominators (wgt, unwgt)**</i>	39, 43 †	107, 125	87, 117	61, 84	175, 211	469, 580	
Using video or voice calls to interact with someone sexually							
Did less since lockdown	..	59·8 (48·0,70·7)	32·2 (22·3,44·1)	30·2 (19·8,43·2)	37·7 (29·3,46·8)	43·4 (38·2,48·8)	
No change since lockdown	..	18·7 (11·1,29·9)	26·4 (17·1,38·3)	17·2 (9·4,29·5)	34·9 (26·9,43·8)	25·9 (21·5,30·9)	
Did more since lockdown	..	21·4 (13·4,32·4)	41·4 (30·3,53·5)	52·6 (39·5,65·3)	27·4 (20·4,35·9)	30·7 (26·0,35·8)	
<i>Denominators (wgt, unwgt)**</i>	28, 28 #	68, 80	71, 82	47, 64 †	132, 147	346, 401	
Looking at pornography							
Did less since lockdown	33·0 (21·5,46·9)	28·0 (21·1,36·0)	18·8 (12·5,27·4)	15·0 (8·5,25·1)	18·9 (15·1,23·3)	21·3 (18·4,24·5)	
No change since lockdown	47·8 (34·5,61·4)	51·5 (43·2,59·7)	45·6 (36·4,55·2)	52·3 (40·4,63·9)	61·5 (56·2,66·5)	55·4 (51·7,59·0)	
Did more since lockdown	19·3 (11·0,31·6)	20·6 (14·4,28·5)	35·6 (27·1,45·0)	32·8 (22·6,44·9)	19·7 (15·8,24·3)	23·3 (20·3,26·6)	
<i>Denominator (unwgt, wgt)**</i>	66, 59	168, 133	135, 103	89, 68	421, 364	879, 727	
Paying for online sexual services (E.g. live streaming)							
Did less since lockdown	..	..	43·4 (25·6,63·05)	..	35·5 (23·8,49·1)	54·2 (45·6,62·6)	
No change since lockdown	..	..	12·4 (4·9,27·8)	..	34·2 (22·8,47·8)	18·0 (12·3,25·7)	
Did more since lockdown	..	..	44·2 (26·2,63·8)	..	30·4 (20·2,42·9)	27·8 (20·9,35·9)	
<i>Denominator (unwgt, wgt)**</i>	15, 16 #	28, 21 #	32, 26 †	15, 12 #	70, 59	160, 134	

CI=confidence intervals.

∞ 24 participants who identified “in another way” are included in data presented for all participants but excluded from “Men” and “Women”. Trans men and trans women are included in data for men and women, respectively.

* Denominator: All respondents (excluding those with no partnered experience ever) who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

** Denominator: All respondents who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

† Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

‡ Unweighted denominator <30. Results not shown due to small denominator.

Appendix 7a: Extent and direction of perceived change in frequency of particular physical and virtual sexual activities compared to pre-lockdown, stratified by experience of partnered sex and relationship status since lockdown: Age-group 18-24 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Vaginal, anal and/or oral sex							
Did less since lockdown	..	100·0	38·4 (30·3,47·2)	45·4 (35·6,55·6)	19·5 (14·4,25·8)	41·4 (37·1,45·9)	<0·0001
No change since lockdown	..	0·0	26·2 (19·1,34·9)	31·9 (23·2,42·1)	47·9 (40·8,55·1)	31·8 (27·8,36·1)	
Did more since lockdown	..	0·0	35·4 (27·4,44·2)	22·7 (15·2,32·4)	32·6 (26·0,40·0)	26·8 (22·9,31·1)	
<i>Denominator (unwgt, wgt)*</i>	..	92, 73	157, 139	110, 86	239, 191	598, 488	
Other contact with someone's genital area							
Did less since lockdown	..	100·0	36·6 (28·7,45·3)	41·5 (31·8,51·9)	16·6 (11·4,23·4)	39·6 (35·2,44·2)	<0·0001
No change since lockdown	..	0·0	29·2 (21·6,38·0)	37·1 (27·7,47·7)	52·2 (44·6,59·7)	34·9 (30·7,39·4)	
Did more since lockdown	..	0·0	34·2 (26·3,43·2)	21·4 (13·6,31·9)	31·2 (24·5,38·9)	25·5 (21·5,29·9)	
<i>Denominator (unwgt, wgt) *</i>	..	96, 73	151, 133	107, 85	221, 180	575, 471	
Masturbation							
Did less since lockdown	18·6 (11·1,29·3)	14·1 (8·2,23·2)	20·0 (13·8,28·1)	13·2 (7·5,22·1)	20·4 (14·2,28·5)	17·9 (14·7,21·7)	0·054
No change since lockdown	52·7 (41·5,63·6)	41·8 (32·2,52·0)	32·1 (24·6,40·7)	32·8 (22·8,44·7)	38·8 (30·7,47·7)	39·3 (35·1,43·8)	
Did more since lockdown	28·8 (19·7,39·9)	44·1 (34·2,54·4)	47·9 (39·1,56·9)	53·9 (42·0,65·4)	40·8 (32·3,49·9)	42·7 (38·3,47·3)	
<i>Denominator (unwgt, wgt) *</i>	93, 93	115, 90	150, 135	81, 66	162, 132	601, 516	
Using sex toys (by yourself or with someone else)							
Did less since lockdown	..	38·5 (25·25,53·8)	20·6 (13·2,30·7)	16·9 (8·6,30·5)	27·4 (18·0,39·4)	27·2 (22·0,33·1)	0·015
No change since lockdown	..	29·2 (18·1,43·5)	38·4 (28·7,49·3)	35·1 (22·2,50·6)	42·3 (32·2,53·1)	36·8 (31·2,42·7)	
Did more since lockdown	..	32·3 (20·39,47·1)	41·0 (30·9,51·9)	48·0 (32·5,63·8)	30·3 (21·5,40·9)	36·0 (30·4,42·1)	
<i>Denominator (unwgt, wgt) **</i>	22, 16 #	56, 38	105, 88	48, 38 †	114, 84	345, 264	
Messaging via dating apps/ online							
Did less since lockdown	48·3 (34·8,62·0)	27·9 (19·27,38·4)	24·2 (16·7,33·7)	17·2 (9·1,30·1)	30·9 (19·8,44·8)	28·9 (24·2,34·1)	0·034
No change since lockdown	26·6 (16·2,40·5)	23·8 (16·0,33·7)	33·2 (24·7,43·1)	38·7 (26·7,52·3)	29·7 (20·0,41·8)	30·3 (25·7,35·3)	
Did more since lockdown	25·1 (15·5,38·0)	48·4 (38·0,58·9)	42·6 (33·2,52·6)	44·1 (31·2,57·9)	39·3 (27·9,52·1)	40·8 (35·8,46·1)	
<i>Denominator (unwgt, wgt) **</i>	64, 53	106, 79	124, 114	61, 48	83, 73	438, 367	
Sexting (images or recorded videos)							
Did less since lockdown	..	57·5 (43·6,70·2)	25·5 (17·5,35·6)	24·9 (15·1,38·3)	31·9 (21·6,44·2)	35·1 (29·6,40·9)	0·0001
No change since lockdown	..	19·1 (10·5,32·4)	24·5 (16·8,34·3)	26·2 (15·8,40·0)	31·6 (21·2,44·3)	26·5 (21·6,32·1)	

Did more since lockdown	..	23·4 (14·15,36·2)	50·0 (39·6,60·3)	48·9 (35·3,62·7)	36·5 (25·8,48·8)	38·4 (32·8,44·4)	
<i>Denominator (unwgt, wgt) **</i>	29, 26 ‡	61, 46	112, 100	59, 48	91, 77	352, 297	
Using video or voice calls to interact with someone sexually							
Did less since lockdown	..	68·6 (50·2,82·6)	26·9 (18·2,37·8)	23·0 (13·2,37·0)	26·8 (16·9,39·8)	34·5 (28·6,41·0)	<0·0001
No change since lockdown	..	10·2 (4·0,23·7)	28·1 (19·1,39·2)	25·0 (13·1,42·5)	30·4 (20·2,43·0)	24·4 (19·1,30·5)	
Did more since lockdown	..	21·2 (9·7,40·3)	45·1 (34·4,56·2)	52·0 (36·5,67·1)	42·8 (30·4,56·2)	41·1 (34·7,47·8)	
<i>Denominator (unwgt, wgt) **</i>	23, 24 ‡	35, 28 †	96, 93	49, 41 †	72, 65	275, 250	
Looking at pornography							
Did less since lockdown	14·2 (8·0,23·9)	21·6 (13·5,32·8)	18·9 (12·4,27·7)	14·4 (7·2,26·7)	19·8 (13·3,28·4)	18·2 (14·7,22·2)	0·38
No change since lockdown	55·2 (43·2,66·6)	40·8 (30·1,52·4)	38·0 (29·3,47·6)	36·3 (24·0,50·7)	43·4 (33·9,53·4)	42·9 (38·1,47·9)	
Did more since lockdown	30·6 (20·7,42·6)	37·6 (27·1,49·5)	43·1 (33·9,52·9)	49·3 (35·4,63·3)	36·8 (27·3,47·5)	38·9 (34·1,44·0)	
<i>Denominators (unwgt, wgt) **</i>	82, 82	89, 74	129, 118	59, 50	132, 108	491, 433	
Paying for online sexual services (E.g. live streaming)							
Did less since lockdown	28·8 (17·7,43·2)	..	28·5 (15·1,47·2)	37·9 (29·6,47·1)	<0·0001
No change since lockdown	..	..	26·3 (15·9,40·4)	..	23·3 (12·6,39·1)	21·6 (15·1,30·0)
Did more since lockdown	..	..	44·9 (31·5,59·0)	..	48·2 (32·5,64·2)	40·4 (32·0,49·5)
<i>Denominators (wgt, unwgt) **</i>	10, 9 ‡	13, 10 ‡	61, 62	18, 18 ‡	50, 48	152, 146	

CI=confidence intervals.

* Denominator: All respondents (excluding those with no partnered experience ever) who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

** Denominator: All respondents who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease

† Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

‡ Unweighted denominator <30. Results not shown due to small denominator

Appendix 7b: Extent and direction of perceived change in frequency of particular physical and virtual sexual activities compared to pre-lockdown, stratified by experience of partnered sex and relationship status since lockdown: Age-group 25–34 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Vaginal, anal and/or oral sex							
Did less since lockdown	..	100·0	39·3 (32·2,46·8)	46·7 (37·5,56·1)	16·4 (14·1,19·1)	29·4 (26·9,32·0)	<0·0001
No change since lockdown	..	0·0	35·6 (28·4,43·1)	37·3 (28·7,46·7)	62·3 (59·0,65·5)	51·1 (48·3,53·9)	
Did more since lockdown	..	0·0	25·1 (19·1,32·2)	16·1 (10·4,24·0)	21·2 (18·6,24·1)	19·5 (17·4,21·8)	
Denominator (unwgt, wgt)*	..	124, 114	213, 188	126, 110	997, 912	1460, 1324	
Other contact with someone's genital area							
Did less since lockdown	..	100·0	46·6 (38·6,54·8)	45·0 (35·4,55·0)	15·4 (13·0,18·1)	30·1 (27·5,32·9)	<0·0001
No change since lockdown	..	0·0	34·8 (27·4,42·9)	39·5 (30·3,49·4)	64·1 (60·7,67·4)	52·0 (49·1,54·9)	
Did more since lockdown	..	0·0	18·6 (13·2,25·6)	15·5 (9·6,24·1)	20·6 (17·9,23·5)	17·9 (15·8,20·2)	
Denominator (unwgt, wgt) *	..	128, 118	182, 158	113, 100	925, 838	1348, 1214	
Masturbation							
Did less since lockdown	34·4 (21·9,49·4)	14·4 (10·1,20·1)	11·1 (6·7,17·7)	15·9 (9·5,25·3)	14·8 (12·1,17·9)	15·4 (13·3,17·7)	0·007
No change since lockdown	43·0 (30·0,57·1)	55·4 (47·8,62·8)	55·5 (47·1,63·7)	54·2 (42·9,65·2)	59·5 (55·5,63·5)	57·0 (53·9,60·1)	
Did more since lockdown	22·6 (13·3,35·9)	30·2 (23·6,37·8)	33·4 (26·0,41·7)	29·9 (20·5,41·4)	25·7 (22·3,29·4)	27·7 (25·0,30·5)	
Denominator (unwgt, wgt) *	63, 60	296, 186	173, 146	87, 73	679, 612	1208, 1075	
Using sex toys (by yourself or with someone else)							
Did less since lockdown	..	36·9 (26·3,49·1)	28·1 (19·8,38·2)	19·2 (10·6,32·3)	14·3 (11·0,18·3)	21·3 (18·1,24·8)	<0·0001
No change since lockdown	..	39·7 (29·1,51·3)	48·2 (38·4,58·1)	51·8 (38·2,65·2)	59·6 (54·3,64·7)	53·6 (49·5,57·6)	
Did more since lockdown	..	23·4 (14·7,35·0)	23·8 (16·4,33·1)	29·0 (18·0,43·0)	26·1 (21·7,31·1)	25·2 (21·8,28·9)	
Denominator (unwgt, wgt) **	26, 24 †	83, 62	122, 107	60, 47	418, 367	709, 606	
Messaging via dating apps/ online							
Did less since lockdown	53·5 (37·3,69·0)	34·1 (26·4,42·8)	27·8 (20·5,36·4)	16·3 (8·2,29·9)	29·1 (22·7,36·5)	30·8 (26·8,35·0)	0·043
No change since lockdown	22·0 (11·3,38·4)	30·3 (22·7,39·1)	35·9 (27·9,44·8)	49·8 (35·1,64·5)	35·7 (28·7,43·3)	34·5 (30·4,38·9)	
Did more since lockdown	24·5 (13·4,40·7)	35·6 (27·5,44·5)	36·3 (28·2,45·3)	33·9 (21·2,49·4)	35·2 (28·3,42·9)	34·7 (30·6,39·1)	
Denominator (unwgt, wgt) **	44, 37 †	149, 138	151, 131	51, 43	192, 181	587, 531	
Sexting (images or recorded videos)							
Did less since lockdown	..	45·7 (34·8,57·1)	28·1 (20·1,37·8)	11·3 (5·2,23·0)	26·1 (20·6,32·5)	30·4 (26·3,34·9)	<0·0001
No change since lockdown	..	24·8 (16·1,36·1)	33·6 (25·1,43·2)	53·3 (38·7,67·4)	39·8 (33·4,46·6)	36·0 (31·6,40·5)	

Did more since lockdown	..	29·5 (20·2,41·0)	38·3 (29·2,48·4)	35·4 (22·8,50·4)	34·1 (27·9,40·9)	33·6 (29·3,38·2)	
<i>Denominator (unwgt, wgt) **</i>	<i>20, 19 ‡</i>	<i>88, 79</i>	<i>126, 110</i>	<i>52, 45</i>	<i>240, 227</i>	<i>526, 479</i>	
Using video or voice calls to interact with someone sexually							
Did less since lockdown	..	51·4 (38·4,64·2)	22·3 (14·2,33·2)	13·7 (6·7,26·2)	29·2 (22·6,36·9)	32·4 (27·6,37·5)	<0·0001
No change since lockdown	..	17·4 (9·7,29·3)	37·5 (26·9,49·3)	40·1 (26·1,56·0)	28·3 (21·7,36·0)	28·9 (24·3,34·1)	
Did more since lockdown	..	31·2 (20·0,45·1)	40·3 (29·5,52·0)	46·1 (31·5,61·4)	42·5 (34·9,50·4)	38·7 (33·6,44·1)	
<i>Denominator (unwgt, wgt) **</i>	<i>15, 16 ‡</i>	<i>67, 59</i>	<i>89, 86</i>	<i>46, 41 †</i>	<i>177, 169</i>	<i>394, 370</i>	
Looking at pornography							
Did less since lockdown	30·2 (17·2,47·4)	14·0 (9·4,20·3)	10·5 (6·2,17·4)	9·1 (4·1,19·2)	12·5 (9·7,16·0)	13·2 (11·0,15·8)	0·079
No change since lockdown	44·4 (29·7,60·2)	53·6 (45·0,62·0)	54·8 (45·8,63·4)	60·5 (47·7,72·0)	57·7 (52·9,62·4)	56·0 (52·4,59·4)	
Did more since lockdown	25·4 (14·4,40·7)	32·5 (24·7,41·3)	34·7 (26·8,43·6)	30·4 (20·1,43·1)	29·8 (25·6,34·3)	30·8 (27·6,34·2)	
<i>Denominators (unwgt, wgt) **</i>	<i>48, 51 †</i>	<i>160, 150</i>	<i>159, 139</i>	<i>70, 61</i>	<i>495, 469</i>	<i>932, 870</i>	
Paying for online sexual services (E.g. live streaming)							
Did less since lockdown	31·1 (19·0,46·5)	..	20·6 (13·9,29·5)	34·8 (28·2,41·9)	<0·0001
No change since lockdown	..	..	26·2 (15·3,41·3)	..	30·7 (22·3,40·7)	25·2 (19·3,32·1)
Did more since lockdown	..	..	42·7 (28·8,57·8)	..	48·6 (39·1,58·3)	40·1 (33·3,47·3)
<i>Denominators (wgt, unwgt) **</i>	<i>12, 13 ‡</i>	<i>23, 19 ‡</i>	<i>51, 51</i>	<i>12, 12 ‡</i>	<i>118, 117</i>	<i>216, 213</i>	

CI=confidence intervals.

* Denominator: All respondents (excluding those with no partnered experience ever) who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

** Denominator: All respondents who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease

† Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

‡ Unweighted denominator <30. Results not shown due to small denominator

Appendix 7c: Extent and direction of perceived change in frequency of particular physical and virtual sexual activities compared to pre-lockdown, stratified by experience of partnered sex and relationship status since lockdown: Age-group 35–44 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Vaginal, anal and/or oral sex							
Did less since lockdown	..	100·0	35·0 (25·4,46·0)	40·4 (27·0,55·4)	17·6 (15·0,20·5)	27·8 (25·0,30·7)	<0·0001
No change since lockdown	..	0·0	40·3 (30·2,51·3)	43·7 (29·9,58·5)	66·6 (63·0,69·9)	57·1 (53·9,60·2)	
Did more since lockdown	..	0·0	24·7 (16·5,35·3)	15·9 (7·6,30·4)	15·9 (13·4,18·8)	15·1 (12·9,17·6)	
<i>Denominator (unwgt, wgt)*</i>	..	97, 105	92, 93	48, 51†	795, 875	1032, 1124	
Other contact with someone's genital area							
Did less since lockdown	..	100·0	33·9 (24·1,45·4)	35·6 (22·1,51·8)	17·0 (14·3,20·2)	27·5 (24·5,30·6)	<0·0001
No change since lockdown	..	0·0	44·2 (33·1,55·8)	45·0 (29·4,61·6)	67·5 (63·7,71·1)	57·9 (54·4,61·3)	
Did more since lockdown	..	0·0	21·9 (13·9,32·9)	19·4 (9·3,36·2)	15·4 (12·7,18·6)	14·7 (12·3,17·3)	
<i>Denominator (unwgt, wgt) *</i>	..	90, 95	84, 84	39, 42†	681, 746	894, 967	
Masturbation							
Did less since lockdown	18·1 (9·3,32·2)	14·9 (10·2,21·2)	13·0 (7·0,23·0)	9·7 (3·1,26·2)	14·7 (11·7,18·2)	14·6 (12·2,17·3)	0·724
No change since lockdown	65·8 (50·8,78·2)	68·0 (60·5,74·66)	64·0 (51·8,74·6)	66·3 (47·8,81·0)	61·5 (56·9,66·0)	63·6 (60·1,67·0)	
Did more since lockdown	16·2 (7·9,30·1)	17·1 (12·2,23·5)	23·0 (14·4,34·7)	24·0 (12·0,42·3)	23·8 (20·0,28·1)	21·8 (19·0,25·0)	
<i>Denominator (unwgt, wgt) *</i>	52, 51	195, 198	75, 72	31, 34†	499, 536	852, 891	
Using sex toys (by yourself or with someone else)							
Did less since lockdown	..	30·5 (20·33,43·0)	18·7 (9·7,32·8)	..	21·5 (16·6,27·5)	24·1 (19·8,28·9)	0·032
No change since lockdown	..	56·9 (44·23,68·7)	62·2 (46·5,75·7)	..	58·2 (51·5,64·7)	57·9 (52·5,63·0)	
Did more since lockdown	..	12·6 (6·362,23·5)	19·2 (9·6,34·6)	..	20·2 (15·4,26·2)	18·1 (14·3,22·6)	
<i>Denominator (unwgt, wgt) **</i>	10, 11†	68, 70	46, 42†	16, 19†	241, 257	381, 398	
Messaging via dating apps/ online							
Did less since lockdown	..	42·7 (32·95,53·06)	15·7 (8·3,27·8)	..	23·3 (16·4,32·0)	29·5 (24·5,35·0)	0·023
No change since lockdown	..	37·1 (27·96,47·3)	42·3 (29·5,56·2)	..	42·7 (33·8,52·1)	40·9 (35·3,46·6)	
Did more since lockdown	..	20·2 (13·26,29·4)	42·0 (29·4,55·7)	..	34·0 (25·9,43·2)	29·7 (24·8,35·1)	
<i>Denominator (unwgt, wgt) **</i>	26, 28†	105, 111	59, 59	16, 18†	129, 134	335, 350	
Sexting (images or recorded videos)							
Did less since lockdown	..	41·0 (29·0,54·2)	21·4 (12·3,34·7)	..	27·4 (20·3,35·9)	31·3 (26·0,37·3)	0·020
No change since lockdown	..	28·3 (17·9,41·8)	44·0 (31·0,57·9)	..	39·8 (31·7,48·6)	37·4 (31·7,43·5)	

Did more since lockdown	..	30·7 (20·1,43·8)	34·5 (22·7,48·6)	..	32·8 (25·1,41·5)	31·3 (25·9,37·2)	
<i>Denominator (unwgt, wgt) **</i>	<i>14, 13 #</i>	<i>66, 64</i>	<i>58, 57</i>	<i>15, 16 #</i>	<i>144, 151</i>	<i>297, 301</i>	
Using video or voice calls to interact with someone sexually							
Did less since lockdown	..	57·7 (42·5,71·6)	31·4 (19·0,47·2)	..	33·1 (24·0,43·6)	40·2 (33·5,47·3)	0·009
No change since lockdown	..	24·3 (13·5,39·7)	29·4 (17·3,45·5)	..	34·0 (24·9,44·5)	29·7 (23·6,36·7)	
Did more since lockdown	..	18·0 (9·18,32·4)	39·1 (25·4,54·8)	..	32·9 (23·9,43·5)	30·1 (24·0,36·9)	
<i>Denominator (unwgt, wgt) **</i>	<i>12, 14 #</i>	<i>46, 50 †</i>	<i>46, 47 †</i>	<i>11, 12 #</i>	<i>96, 108</i>	<i>211, 230</i>	
Looking at pornography							
Did less since lockdown	22·9 (11·2,41·3)	16·4 (11·2,62)	9·7 (4·6,19·5)	..	14·9 (11·5,19·1)	15·4 (12·7,18·6)	0·43
No change since lockdown	56·1 (38·2,72·5)	63·2 (54·6,71·0)	55·1 (42·2,67·3)	..	60·1 (54·6,65·3)	60·2 (56·1,64·2)	
Did more since lockdown	21·0 (9·8,39·4)	20·5 (14·3,28·4)	35·2 (24·0,48·3)	..	25·0 (20·5,30·2)	24·4 (20·9,28·2)	
<i>Denominators (unwgt, wgt) **</i>	<i>36, 35 †</i>	<i>158, 160</i>	<i>67, 65</i>	<i>20, 23 #</i>	<i>366, 393</i>	<i>647, 678</i>	
Paying for online sexual services (E.g. live streaming)							
Did less since lockdown	43·3 (31·3,56·1)	44·0 (34·6,53·8)	0·036
No change since lockdown	..	..	..	..	30·9 (20·3,43·9)	25·8 (18·2,35·4)
Did more since lockdown	..	..	..	..	25·9 (16·5,38·1)	30·2 (22·1,39·7)
<i>Denominators (wgt, unwgt) **</i>	<i>9, 9 #</i>	<i>15, 14 #</i>	<i>20, 20 #</i>	<i>5, 6 #</i>	<i>65, 73</i>	<i>114, 122</i>	

CI=confidence intervals.

* Denominator: All respondents (excluding those with no partnered experience ever) who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

** Denominator: All respondents who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease

† Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

‡ Unweighted denominator <30. Results not shown due to small denominator

Appendix 7d: Extent and direction of perceived change in frequency of particular physical and virtual sexual activities compared to pre-lockdown, stratified by experience of partnered sex and relationship status since lockdown: Age-group 45–59 years

Reported partnered sex since lockdown	No		Yes			All	p-value
	Among those reporting never having had partnered sex % (CI)	Among those reporting partnered sex ever but not since lockdown % (CI)	Among those not in a steady relationship % (CI)	Among those in a steady non-cohabiting relationship % (CI)	Among those in a steady cohabiting relationship % (CI)		
Vaginal, anal and/or oral sex							
Did less since lockdown	..	100·0	43·6 (33·1,54·6)	53·9 (41·2,66·2)	14·5 (12·3,16·9)	28·6 (26·1,31·3)	<0·0001
No change since lockdown	..	0·0	42·1 (31·8,53·1)	41·3 (29·6,54·2)	76·9 (74·0,79·6)	63·7 (60·8,66·4)	
Did more since lockdown	..	0·0	14·3 (8·2,23·9)	4·8 (1·6,13·4)	8·6 (6·8,10·7)	7·7 (6·3,9·5)	
<i>Denominator (unwgt, wgt)*</i>	..	153, 156	95·88	66·69	936, 1004	1250, 1315	
Other contact with someone's genital area							
Did less since lockdown	..	100·0	50·1 (39·1,61·2)	51·8 (38·8,64·4)	12·8 (10·7,15·4)	29·3 (26·6,32·2)	<0·0001
No change since lockdown	..	0·0	34·5 (24·8,45·6)	44·5 (32·2,57·6)	78·9 (75·7,81·7)	63·2 (60·2,66·2)	
Did more since lockdown	..	0·0	15·4 (8·8,25·4)	3·7 (1·0,12·9)	8·3 (6·5,10·6)	7·5 (6·0,9·3)	
<i>Denominator (unwgt, wgt) *</i>	..	150, 151	91·83	62·63	793, 842	1096, 1139	
Masturbation							
Did less since lockdown	13·3 (7·2,23·0)	15·5 (12·2,19·5)	14·4 (7·8,25·3)	18·6 (9·0,34·5)	13·7 (10·7,17·3)	14·6 (12·5,16·9)	<0·0001
No change since lockdown	77·6 (66·9,85·6)	75·8 (71·3,79·9)	58·0 (45·6,69·4)	51·4 (34·8,67·7)	74·2 (69·9,78·1)	73·3 (70·4,76·0)	
Did more since lockdown	9·1 (4·4,17·9)	8·6 (6·2,11·9)	27·6 (18·0,39·7)	30·1 (16·4,48·5)	12·1 (9·4,15·5)	12·2 (10·3,14·4)	
<i>Denominator (unwgt, wgt) *</i>	88, 88	414, 420	77·68	40, 39†	476, 473	1095, 1088	
Using sex toys (by yourself or with someone else)							
Did less since lockdown	..	36·0 (26·53,46·6)	23·8 (12·0,41·6)	..	16·7 (12·1,22·5)	24·2 (20·0,29·0)	0·004
No change since lockdown	..	55·3 (44·52,65·5)	56·1 (38·6,72·1)	..	71·0 (64·3,76·9)	63·1 (57·8,68·0)	
Did more since lockdown	..	8·8 (4·2,25·17·2)	20·2 (9·6,37·1)	..	12·3 (8·4,17·7)	12·7 (9·6,16·8)	
<i>Denominator (unwgt, wgt) **</i>	20, 21†	96, 96	39, 34†	21, 22†	223, 225	399, 397	
Messaging via dating apps/ online							
Did less since lockdown	..	47·1 (37·82,56·7)	27·3 (15·4,43·7)	..	29·2 (19·6,41·1)	37·9 (32·0,44·1)	0·229
No change since lockdown	..	33·2 (24·94,42·6)	39·9 (25·5,56·3)	..	48·8 (37·3,60·5)	40·6 (34·6,46·8)	
Did more since lockdown	..	19·7 (13·17,28·4)	32·8 (20·1,48·6)	..	21·9 (13·9,32·9)	21·6 (16·9,27·1)	
<i>Denominator (unwgt, wgt) **</i>	24, 27†	120, 118	48, 40†	20, 21†	85, 74	297, 279	
Sexting (images or recorded videos)							
Did less since lockdown	..	65·1 (52·81,75·7)	31·8 (16·0,53·1)	..	25·0 (15·6,37·5)	46·1 (38·8,53·6)	<0·0001
No change since lockdown	..	21·0 (12·6,32·8)	37·4 (20·2,58·6)	..	54·5 (42·1,66·4)	35·6 (28·8,43·1)	

Did more since lockdown	..	13·9 (7·5,24·3)	30·8 (16·0,51·1)	..	20·5 (12·4,31·9)	18·3 (13·4,24·5)	
<i>Denominator (unwgt, wgt) **</i>	<i>14, 16 #</i>	<i>74, 73</i>	<i>30, 24 †</i>	<i>12, 11 #</i>	<i>77, 67</i>	<i>207, 191</i>	
Using video or voice calls to interact with someone sexually							
Did less since lockdown	..	76·6 (61·5,87·0)	30·9 (16·0,51·2)	..	32·3 (20·8,46·4)	50·0 (41·6,58·3)	<0·0001
No change since lockdown	..	8·6 (3·3,20·8)	24·2 (11·7,43·4)	..	38·5 (26·5,52·1)	23·3 (17·1,30·9)	
Did more since lockdown	..	14·8 (6·8,29·3)	44·9 (27·2,64·1)	..	29·2 (18·7,42·6)	26·8 (20·1,34·8)	
<i>Denominator (unwgt, wgt) **</i>	<i>10, 12 #</i>	<i>45, 44 †</i>	<i>32, 28 †</i>	<i>9, 10 #</i>	<i>64, 57</i>	<i>160, 152</i>	
Looking at pornography							
Did less since lockdown	17·1 (9·0,30·1)	13·3 (9·7,18·0)	18·8 (10·0,32·6)	9·9 (3·2,27·1)	9·2 (6·5,12·9)	12·0 (9·8,14·6)	<0·0001
No change since lockdown	76·5 (63·3,86·0)	73·6 (67·9,78·6)	50·2 (36·5,63·9)	41·6 (24·7,60·8)	74·6 (69·6,79·0)	71·5 (68·0,74·7)	
Did more since lockdown	6·4 (2·4,16·0)	13·1 (9·4,91·17·8)	31·0 (19·8,45·1)	48·4 (30·0,67·3)	16·2 (12·6,20·6)	16·6 (14·0,19·5)	
<i>Denominators (unwgt, wgt) **</i>	<i>63, 63</i>	<i>287, 275</i>	<i>60, 52</i>	<i>32, 30 †</i>	<i>364, 346</i>	<i>806, 765</i>	
Paying for online sexual services (E.g. live streaming)							
Did less since lockdown	68·1 (56·2,78·1)	<0·0001
No change since lockdown	..	..	..	..	..	16·7 (9·8,27·0)
Did more since lockdown	..	..	..	..	..	15·2 (8·4,26·0)
<i>Denominators (wgt, unwgt) **</i>	<i>9, 10 #</i>	<i>24, 25 #</i>	<i>11, 10 #</i>	<i>5, 4 #</i>	<i>24, 23 #</i>	<i>73, 72</i>	

CI=confidence intervals.

* Denominator: All respondents (excluding those with no partnered experience ever) who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease.

** Denominator: All respondents who reported the activity since lockdown OR did not do the activity during lockdown and reported a decrease

† Unweighted denominator <50. Results should be interpreted with caution due to small denominator.

‡ Unweighted denominator <30. Results not shown due to small denominator

Appendix 8: Percentages, crude and adjusted odds ratios (OR) for perceiving a decrease and an increase (each relative to no change) in sexual frequency compared to pre-lockdown, according to experience of partnered sex/relationship status since lockdown, gender, and age-group

	Reported no change/ stayed the same sexual frequency since lockdown		Reported decreased sexual frequency since lockdown				Reported increased sexual frequency since lockdown			
	% (95% CI)	Denominator (unweighted- weighted) [*]	% (95% CI)	OR (95% CI)	RAG [§] Adjusted OR (95%CI)	Denominator (unweighted- weighted) [*]	% (95% CI)	OR (95% CI)	RAG [§] Adjusted OR (95% CI)	Denominator (unweighted- weighted) [*]
Partnered sex and relationship status since lockdown										
Had partnered sex since lockdown and in a steady cohabiting relationship	56·8 (54·9-58·7)	1629, 1665	23·9 (22·3-25·6)	1·00	1·00	731, 701	19·3 (17·9-20·9)	1·00	1·00	573, 567
Had partnered sex since lockdown and in a steady non-cohabiting relationship	36·7 (31·4-42·3)	127, 117	50·3 (44·7-55·9)	3·25 (2·50-4·24)	2·75 (2·08-3·63)	176, 160	13·0 (9·8-17·2)	1·04 (1·49-2·57)	0·76 (0·52-1·13)	49, 42 **
Had partnered sex since lockdown and not in a steady relationship	33·3 (29·0-37·9)	164, 167	44·5 (40·0-49·1)	3·17 (2·51-4·01)	2·64 (2·06-3·38)	255, 223	22·2 (18·7-26·2)	1·96 (1·49-2·57)	1·47 (1·10-1·97)	131, 111
Not had partnered sex since lockdown	66·0 (63·3-68·5)	948, 975	33·3 (30·8-35·9)	1·20 (1·03-1·39)	1·29 (1·10-1·50)	499, 492	0·7 (0·4-1·5)	Excluded from model [†]		9, 11 *
Age-group										
45-59	67·9 (65·7-70·1)	1273, 1384	25·4 (23·4-27·5)	1·00	1·00	512, 517	6·7 (5·6-8·0)	1·00	1·00	125, 136
35-44	57·9 (55·0-60·8)	730, 790	28·3 (25·7-30·9)	1·31 (1·10-1·55)	1·31 (1·10-1·57)	363, 385	13·8 (11·9-16·0)	2·43 (1·87-3·15)	1·78 (1·35-2·34)	174, 189
25-34	47·6 (44·9-50·2)	787, 709	32·3 (29·9-34·9)	1·82 (1·55-2·14)	1·74 (1·47-2·07)	532, 482	20·1 (18·1-22·3)	4·30 (3·39-5·46)	2·72 (2·11-3·51)	332, 300
18-24	39·3 (35·4-43·4)	274, 230	40·1 (36·2-44·2)	2·73 (2·20-3·38)	2·51 (1·96-3·21)	299, 235	20·6 (17·4-24·1)	5·32 (3·95-7·16)	4·03 (2·87-5·67)	145, 120
Gender										
Men	55·9 (53·8-57·9)	1478, 1533	31·0 (29·2-32·9)	1·00	1·00	857, 851	13·2 (11·8-14·6)	1·00	1·00	343, 361
Women	57·8 (55·8-59·7)	1576, 1569	28·1 (26·4-29·9)	0·88 (0·77-1·00)	0·87 (0·76-1·00)	845, 764	14·1 (12·8-15·5)	1·03 (0·87-1·22)	1·14 (0·94-1·38)	432, 382

* Denominator: All respondents who reported partnered sex ever (excluding those missing/ 'did not answer' question on change in frequency)

§ Adjusted for RAG - relationship status, age and gender

[†]Excluded from analysis as this group reported no partnered sex since lockdown, therefore would not have the opportunity to report an increase.

Appendix 9: Percentages, crude and adjusted odds ratios (OR) for perceiving a decrease and an increase (each relative to no change) in sexual satisfaction compared to pre-lockdown, according to partnered sex/relationship status, gender and age-group

	Reported no change/stayed the same sexual satisfaction since lockdown		Reported decreased sexual satisfaction since lockdown				Reported increased sexual satisfaction since lockdown					
	% (95% CI)	Denominator (unweighted, weighted) *	% (95% CI)	OR (95% CI)	RAGS Adjusted OR (95%CI)	RAGS and sexual satisfaction Adjusted OR (95%CI)	Denominator (unweighted, weighted) *	% (95% CI)	OR (95% CI)	RAGS Adjusted OR (95%CI)	RAGS and sexual satisfaction Adjusted OR (95%CI)	Denominator (unweighted, weighted) *
Partnered sex and relationship status since lockdown												
Had partnered sex since lockdown and in a steady cohabiting relationship	66·6 (64·7-68·4)	1909, 1948	16·5 (15·2-18·0)	1·00	1·00	1·00	509, 484	16·9 (15·5-18·4)	1·00	1·00	1·00	509, 495
Had partnered sex since lockdown and in a steady non-cohabiting relationship	55·7 (50·0-61·2)	191, 177	25·5 (20·9-30·7)	1·84 (1·38-2·47)	1·54 (1·14-2·09)	0·88 (0·62-1·24)	88, 81	18·8 (14·9-23·5)	1·33 (0·97-1·82)	1·03 (0·74-1·44)	1·35 (0·94-1·94)	71, 60
Had partnered sex since lockdown and not in a steady relationship	43·7 (39·1-48·3)	225, 218	31·0 (26·9-35·4)	2·86 (2·24-3·64)	2·29 (1·77-2·97)	1·73 (1·29-2·32)	177, 155	25·4 (21·6-29·5)	2·29 (1·78-2·94)	1·65 (1·25-2·18)	1·64 (1·18-2·27)	146, 127
Not had partnered sex since lockdown	64·9 (62·2-67·4)	934, 963	32·7 (30·2-35·3)	2·03 (1·73-2·37)	2·25 (1·91-2·66)	2·19 (1·81-2·65)	488, 485	2·5 (1·8-3·5)	0·15 (0·11-0·22)	0·18 (0·13-0·26)	0·36 (0·25-0·54)	37, 37**
Age-group												
45-59	74·6 (72·5-76·6)	1407, 1523	18·8 (17·1-20·7)	1·00	1·00	1·00	376, 384	6·6 (5·6-7·9)	1·00	1·00	1·00	130, 135
35-44	63·9 (61·1-66·6)	807, 871	23·7 (21·4-26·3)	1·47 (1·23-1·77)	1·67 (1·38-2·03)	1·62 (1·31-2·00)	301, 324	12·4 (10·6-14·4)	2·18 (1·68-2·83)	1·77 (1·35-2·31)	1·48 (1·10-1·99)	157, 168
25-34	56·2 (53·6-58·8)	921, 838	24·4 (22·2-26·7)	1·72 (1·44-2·05)	1·97 (1·63-2·38)	1·69 (1·36-2·10)	407, 364	19·4 (17·4-21·6)	3·29 (3·08-4·92)	2·81 (2·19-3·59)	2·00 (1·53-2·61)	319, 289
18-24	45·5 (41·5-49·6)	327, 269	31·5 (27·8-35·4)	2·74 (2·19-3·44)	2·64 (2·05-3·41)	2·18 (1·59-3·00)	227, 186	23·0 (19·7-26·6)	5·69 (4·28-7·55)	4·39 (3·20-6·02)	2·95 (2·04-4·25)	168, 136
Gender												
Men	55·9 (58·9-62·9)	1630, 1683	25·2 (23·5-27·0)	1·00	1·00	1·00	691, 697	13·9 (12·5-15·3)	1·00	1·00	1·00	368, 383
Women (including trans women)	66·8 (64·9-68·6)	1824, 1810	20·5 (19·0-22·1)	0·74 (0·65-0·85)	0·75 (0·65-0·87)	0·76 (0·65-0·90)	615, 556	12·7 (11·5-14·0)	0·84 (0·71-0·99)	0·86 (0·72-1·03)	0·78 (0·64-0·96)	405, 344
Sexual frequency												
Stayed the same since lockdown	83·1 (81·7-84·5)	2504, 2576	11·1 (10·0-12·3)	1·00		1·00	355, 344	5·8 (5·0-6·7)	1·00		1·00	190, 180
Decreased since lockdown	38·5 (36·0-41·0)	647, 616	53·7 (51·1-56·3)	10·46 (8·89-12·30)		10·11 (8·49-12·03)	902, 860	7·9 (6·6-9·4)	2·93 (2·26-3·79)		2·13 (1·69-2·91)	134, 126
Increased since lockdown	38·3 (34·7-42·1)	286, 284	4·8 (3·5-6·7)	0·95 (0·64-1·39)		1·03 (0·69-1·54)	38, 36*	56·8 (53·0-60·6)	21·25 (16·95-26·64)		14·27 (11·21-18·18)	447, 421

* Denominator: All respondents who reported partnered sex ever (excluding those missing/ 'did not answer' question on change in satisfaction)
§ Adjusted for RAG - relationship status, age and gender