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Supplementary appendix

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Table S1- Duration of all symptoms in cases and controls aged 0-3 years.

	At least 2 months	At least 3 months	At least 6 months	At least 9 months	At least 12 months
	Cases/controls	Cases/controls	Cases/controls	Cases/controls	Cases/controls
Total n	1,194/3,855	1,194/3,855	899/3,000	167/1,878	67/1,163
Stomach aches, n (%)					
Almost never and Sometimes	77 (6.4)/ 108 (2.8)	62 (5.2)/ 81 (2.1)	35 (3.9)/ 40 (1.3)	7 (3.0)/ 19 (1.0)	1-4 / 7 (0.6)
Often and Almost always	40 (3.3)/ 53 (1.4)*	34 (2.8)/ 51 (1.3)	15 (1.7)/ 30 (1.0)	0/ 17 (0.9)	0/ 8 (0.7)
Fatigue, n (%)					
Almost never and Sometimes	82 (6.9)/ 93 (2.4)	69 (5.8)/ 74 (1.9)	28 (3.1)/ 40 (1.3)	1-4/ 19 (1.0)	0/ 8 (0.7)
Often and Almost always	41 (3.4)/ 36 (0.9)*	35 (2.9)/ 29 (0.8)	18 (2.0)/ 17 (0.6)*	1-4/ 7 (0.4)	1-4/ 1-4
Pain in muscles/joints, n (%)					
Almost never and Sometimes	34 (2.8)/ 36 (0.9)	29 (2.4)/ 30 (0.8)	11 (1.2)/ 20 (0.7)	1-4 / 6 (0.3)	0/ 1-4/
Often and Almost always	5 (0.4)/ 7 (0.2)	5 (0.4)/ 5 (0.1)	1-4/ 1-4	0/ 1-4	0/ 0
Rashes, n (%)					
Almost never and Sometimes	80 (6.7)/ 168 (4.4)	70 (5.9)/ 135 (3.5)	47 (5.2)/ 80 (2.7)	5 (3.0)/ 33 (1.8)	1-4/ 20 (1.7)
Often and Almost always	53 (4.4)/ 104 (2.7)	48 (4.0)/ 99 (2.6)	30 (3.3)/ 67 (2.2)	6 (3.6)/ 33 (1.8)	1-4/ 19 (1.6)
Mood swings, n (%)					
Almost never and Sometimes	122 (10.2)/ 211 (5.5)	102 (8.5)/ 179 (4.6)	60 (6.7)/ 100 (3.3)	5 (3.0)/ 51 (2.7)	1-4/ 29 (2.5)
Often and Almost always	73 (6.1)/ 146 (3.8)	67 (5.6)/ 135 (3.5)	36 (4.0)/ 87 (2.9)	9 (5.4)/ 43 (2.3)	1-4/ 26 (2.2)
Nausea, n (%)					

Almost never and Sometimes	19 (1.6)/ 16 (0.4)	15 (1.3)/ 14 (0.4)	6 (0.7)/ 7 (0.2)	1-4/ 1-4	0/ 1-4
Often and Almost always	5 (0.4)/ 1-4	1-4/ 1-4	1-4/ 1-4	1-4/ 1-4	0/ 0
Fever, n (%)					
Almost never and Sometimes	49 (4.1)/ 49 (1.3)	42 (3.5)/ 40 (1.0)	31 (3.4)/ 20 (0.7)	1-4/ 8 (0.4)	1-4/ 5 (0.4)
Often and Almost always	22 (1.8)/ 13 (0.3)*	20 (1.7)/ 9 (0.2)	13 (1.4)/ 1-4*	1-4/ 1-4	1-4/ 1-4
Loss of appetite, n (%)					
Almost never and Sometimes	92 (7.7)/ 86 (2.2)	81 (6.8)/ 69 (1.8)	41 (4.6)/ 38 (1.3)	6 (3.6)/ 19 (1.0)	1-4/ 14 (1.2)
Often and Almost always	49 (4.1)/ 42 (1.1)*	44 (3.7)/ 38 (1.0)	20 (2.2)/ 26 (0.9)*	1-4/ 9 (0.5)	1-4/ 1-4
Trouble breathing, n (%)					
Almost never and Sometimes	60 (5.0)/ 24 (0.6)	54 (4.5)/ 14 (0.4)	34 (3.8)/ 7 (0.2)	1-4/ 1-4	1-4/ 1-4
Often and Almost always	18 (1.5)/ 13 (0.3)*	17 (1.4)/ 9 (0.2)	9 (1.0)/ 1-4*	0/ 1-4	0/ 0
Dark circles under the eyes, n (%)					
Almost never and Sometimes	35 (2.9)/ 22 (0.6)	30 (2.5)/ 13 (0.3)	21 (2.3)/ 7 (0.2)	1-4/ 1-4	1-4/ 1-4
Often and Almost always	17 (1.4)/ 9 (0.2)*	17 (1.4)/ 8 (0.2)	13 (1.4)/ 5 (0.2)*	1-4/ 1-4	1-4/ 1-4
Palpitations, n (%)^a					
Almost never and Sometimes	1-4/ 6 (0.2)	1-4/ 5 (0.1)	1-4/ 1-4	0/ 1-4	0/ 1-4
Often and Almost always	1-4/ 1-4	1-4/ 1-4	1-4/ 0	1-4/ 0	0/ 0
Cold hands/feet, n (%)					
Almost never and Sometimes	37 (3.1)/ 43 (1.1)	33 (2.8)/ 30 (0.8)	18 (2.0)/ 13 (0.4)	1-4/ 7 (0.4)	0/ 5 (0.4)

Often and Almost always	14 (1.2)/ 12 (0.3)*	12 (1.0)/ 9 (0.2)	10 (1.1)/ 5 (0.2)*	1-4/ 1-4	0/ 0
Cough, n (%)					
Almost never and Sometimes	93 (7.8)/ 65 (1.7)	81 (6.8)/ 36 (0.9)	33 (3.7)/ 14 (0.5)	1-4/ 7 (0.4)	0/ 5 (0.4)
Often and Almost always	77 (6.4)/ 55 (1.4)*	68 (5.7)/ 47 (1.2)	40 (4.4)/ 21 (0.7)*	5 (3.0)/ 6 (0.3)	1-4/ 1-4
Chapped lips, n (%)					
Almost never and Sometimes	12 (1.0)/ 9 (0.2)	8 (0.7)/ 5 (0.1)	5 (0.6)/ 1-4	1-4/ 1-4	1-4/ 1-4
Often and Almost always	0/ 1-4	0/ 1-4	0/ 0	0/ 0	0/ 0
Discoloured fingers/toes, n (%)					
Almost never and Sometimes	0/ 1-4	0/ 1-4	0/ 1-4	0/ 1-4	0/ 1-4
Often and Almost always	1-4/ 1-4	1-4/ 1-4	0/ 1-4	0/ 1-4	0/ 0
Extreme paleness, n (%)					
Almost never and Sometimes	1-4/ 1-4	1-4/ 1-4	1-4/ 1-4	0/ 0	0/ 0
Often and Almost always	5 (0.4)/ 5 (0.1)	5 (0.4)/ 5 (0.1)	1-4/ 1-4	0/ 1-4	0/ 1-4

^a 1,062 missing for this symptom because of a technical error in the questionnaire for the age group 13-24 months.

* $p < 0.0009$. Differences in proportions between groups are tested at 2 and 6 months using Chi-Square tests.

Table S2- Duration of all symptoms in cases and controls aged 4-11 years.

	At least 2 months	At least 3 months	At least 6 months	At least 9 months	At least 12 months
	Cases/controls	Cases/controls	Cases/controls	Cases/controls	Cases/controls
Total n	5,023/18,372	5,023/18,372	3614/13,546	628/8,276	183/5,269
Stomach aches, n (%)					
Almost never and Sometimes	388 (7.7)/ 982 (5.3)	351 (7.0)/ 872 (4.7)	228 (6.3)/ 568 (4.2)	25 (4.0)/ 316 (3.8)	10 (5.5)/ 202 (3.8)
Often and Almost always	125 (2.5)/ 477 (2.6)	116 (2.3)/ 444 (2.4)	76 (2.1)/ 302 (2.2)	8 (1.3)/ 170 (2.1)	1-4/ 94 (1.8)
Chest pain, n (%)					
Almost never and Sometimes	112 (2.2)/ 209 (1.1)	94 (1.9)/ 191 (1.0)	53 (1.5)/ 122 (0.9)	7 (1.1)/ 69 (0.8)	1-4/ 36 (0.7)
Often and Almost always	10 (0.2)/ 14 (0.1)	5 (0.1)/ 9 (0.0)	1-4/ 6 (0.0)	0/ 1-4	0/ 1-4
Headache, n (%)					
Almost never and Sometimes	486 (9.6)/ 937 (5.1)	439 (8.7)/ 853 (4.6)	281 (7.8)/ 562 (4.1)	37 (5.9)/ 287 (3.5)	9 (4.9)/ 168 (3.2)
Often and Almost always	126 (2.5)/ 299 (1.6)*	115 (2.3)/ 273 (1.5)	79 (2.2)/ 171 (1.3)*	14 (2.2)/ 84 (1.0)	5 (2.7)/ 49 (0.9)
Fatigue, n (%)					
Almost never and Sometimes	441 (8.8)/ 1007 (5.5)	391 (7.8)/ 877 (4.8)	235 (6.5)/ 551 (4.1)	33 (5.2)/ 280 (3.4)	12 (6.6)/ 162 (3.1)
Often and Almost always	194 (3.9)/ 418 (2.3)*	166 (3.3)/ 389 (2.1)	95 (2.6)/ 248 (1.8)	12 (1.9)/ 134 (1.6)	1-4/ 76 (1.4)
Pain in muscles/joints, n (%)					
Almost never and Sometimes	297 (5.9)/ 665 (3.6)	262 (5.2)/ 566 (3.1)	165 (4.6)/ 364 (2.7)	23 (3.7)/ 188 (2.3)	7 (3.8)/ 110 (2.1)
Often and Almost always	72 (1.4)/ 199 (1.1)	67 (1.3)/ 187 (1.0)	42 (1.2)/ 131 (1.0)	11 (1.7)/ 76 (0.9)	1-4/ 44 (0.8)
Sore throat, n (%)					
Almost never and Sometimes	107 (2.1)/ 206 (1.1)	100 (2.0)/ 175 (1.0)	65 (1.8)/ 116 (0.9)	12 (1.9)/ 73 (0.9)	1-4/ 46 (0.9)

Often and Almost always	29 (0.6)/ 24 (0.1)*	26 (0.5)/ 21 (0.1)	17 (0.5)/ 14 (0.1)*	1-4/ 5 (0.1)	1-4/ 0
Dizziness, n (%)					
Almost never and Sometimes	87 (1.7)/ 128 (0.7)	71 (1.4)/ 116 (0.6)	45 (1.2)/ 69 (0.5)	8 (1.3)/ 37 (0.4)	1-4/ 21 (0.4)
Often and Almost always	12 (0.2)/ 13 (0.1)	10 (0.2)/ 12 (0.1)	6 (0.2)/ 8 (0.1)	0/ 1-4	0/ 1-4
Rashes, n (%)					
Almost never and Sometimes	166 (3.3)/ 627 (3.4)	147 (2.9)/ 484 (2.6)	94 (2.6)/ 272 (2.9)	13 (2.1)/ 143 (1.7)	1-4/ 86 (1.6)
Often and Almost always	94 (1.9)/ 536 (2.9)*	88 (1.7)/ 508(2.8)	56 (1.5)/ 345 (2.5)*	12 (1.9)/ 176 (2.1)	1-4/ 115 (2.2)
Mood swings, n (%)					
Almost never and Sometimes	596 (11.9)/ 2205 (12.0)	537 (10.7)/ 1949 (10.6)	360 (9.9)/ 1194 (8.8)	57 (9.0)/ 605 (7.3)	14 (7.7)/ 371 (7.0)
Often and Almost always	263 (5.2)/ 1332 (7.3)*	256 (5.1)/ 1292 (7.0)	176 (4.9)/ 885 (6.5)	30 (4.8)/ 488 (5.9)	10 (5.5)/ 294 (5.6)
Nausea, n (%)					
Almost never and Sometimes	192 (3.8)/ 459 (2.5)	178 (3.5)/ 408 (2.2)	113 (3.1)/ 278 (2.1)	12 (1.9)/ 157 (1.9)	6 (3.3)/ 87 (1.7)
Often and Almost always	39 (0.8)/ 112 (0.6)	35 (0.7)/ 100 (0.5)	26 (0.7)/ 76 (0.6)	1-4/ 48 (0.6)	0/ 20 (0.4)
Fever, n (%)					
Almost never and Sometimes	61 (1.2)/ 110 (0.6)	55 (1.1)/ 100 (0.5)	35 (1.0)/ 78 (0.6)	1-4/ 50 (0.6)	0/ 28 (0.5)
Often and Almost always	9 (0.2)/ 9 (0.1)	6 (0.1)/ 9 (0.0)	1-4/ 5 (0.0)	1-4/ 1-4	0/ 1-4
Loss of appetite, n (%)					
Almost never and Sometimes	248 (4.9)/ 453 (2.5)	217 (4.3)/ 487 (2.7)	136 (3.8)/ 310 (2.3)	23 (3.7)/ 167 (2.0)	1-4/ 106 (2.0)
Often and Almost always	105 (2.1)/ 278 (1.5)	96 (1.9)/ 334 (1.8)	57 (1.6)/ 205 (1.5)	7 (1.1)/ 116 (1.4)	1-4/ 70 (1.3)
Trouble breathing, n (%)					

Almost never and Sometimes	133 (2.6)/ 212 (1.2)	110 (2.2)/ 188 (1.0)	61 (1.7)/ 115 (0.8)	7 (1.1)/ 67 (0.8)	1-4/ 41 (0.8)
Often and Almost always	31 (0.6)/ 46 (0.3)*	29 (0.6)/ 44 (0.2)	13 (0.4)/ 27 (0.2)	1-4/ 13 (0.2)	0/ 1-4
Dark circles under the eyes, n (%)					
Almost never and Sometimes	153 (3.0)/ 431 (2.3)	137 (2.7)/ 362 (2.0)	90 (2.5)/ 222(1.6)	13 (2.1)/ 122 (1.5)	1-4/ 77 (1.5)
Often and Almost always	87 (1.7)/ 214 (1.2)	82 (1.6)/ 200 (1.1)	57 (1.6)/ 131 (1.0)	12 (1.9)/ 77 (0.9)	7 (3.8)/ 43 (0.8)
Palpitations, n (%)					
Almost never and Sometimes	82 (1.6)/ 169 (0.9)	76 (1.5)/ 148 (0.8)	44 (1.2)/ 98 (0.7)	1-4/ 58 (0.7)	1-4/ 36 (0.7)
Often and Almost always	12 (0.2)/ 21 (0.1)	9 (0.2)/ 19 (0.1)	7 (0.2)/ 14 (0.1)	1-4/ 8 (0.1)	1-4/ 5 (0.1)
Trouble remembering and concentrating, n (%)					
Almost never and Sometimes	394 (7.8)/ 1287 (7.0)	368 (7.3)/ 1197 (6.5)	249 (6.9)/ 746 (5.5)	53 (8.4)/ 408 (4.9)	11(6.0)/ 249 (4.7)
Often and Almost always	176 (3.5)/ 760 (4.1)	174 (3.5)/ 740 (4.0)	114 (3.1)/ 547 (4.0)	21 (3.3)/ 333 (4.0)	1-4/ 201 (3.8)
Cold hands/feet, n (%)					
Almost never and Sometimes	72 (1.4)/ 197 (1.1)	66 (1.3)/ 176 (1.0)	42 (1.2)/ 106 (0.8)	8 (1.3)/ 48 (0.6)	1-4/ 31 (0.6)
Often and Almost always	32 (0.6)/ 101 (0.5)	32 (0.6)/ 96 (0.5)	24 (0.7)/ 66 (0.5)	1-4/ 42 (0.5)	1-4/ 23 (0.4)
Cough, n (%)					
Almost never and Sometimes	187 (3.7)/ 312 (1.7)	145 (2.9)/ 242 (1.3)	92 (2.5)/ 141 (1.0)	17 (2.7)/ 84 (1.0)	5 (2.7)/ 50 (0.9)
Often and Almost always	61 (1.2)/ 119 (0.7)*	52 (1.0)/ 101 (0.5)	30 (0.8)/ 55 (0.4)	1-4/ 28 (0.3)	0/ 16 (0.3)
Chapped lips, n (%)					
Almost never and Sometimes	156 (3.1)/ 420 (2.3)	130 (2.6)/ 301 (1.6)	79 (2.2)/ 163 (1.2)	13 (2.1)/ 71 (0.9)	1-4/ 44 (0.8)
Often and Almost always	57 (1.1)/	55 (1.1)/	38 (1.0)/	1-4/	1-4/

	184 (1.0)	12 (0.1)	6 (0.0)	1-4	1-4
Dizziness when standing, n (%)					
Almost never and Sometimes	65 (1.3)/ 103 (0.6)	59 (1.2)/ 91 (0.5)	38 (1.0)/ 56 (0.4)	8 (1.3)/ 26 (0.3)	1-4/ 16 (0.3)
Often and Almost always	7 (0.1)/ 13 (0.1)	6 (0.1)/ 12 (0.1)	5 (0.1)/ 6 (0.0)	0/ 1-4	0/ 1-4
Light sensitivity, n (%)					
Almost never and Sometimes	89 (1.8)/ 269 (1.5)	84 (1.7)/ 245 (1.3)	57 (1.6)/ 156 (1.2)	8 (1.3)/ 93 (1.1)	1-4/ 60 (1.1)
Often and Almost always	48 (1.0)/ 152 (0.8)	48 (1.0)/ 146 (0.8)	35 (1.0)/ 101 (0.7)	1-4/ 57 (0.7)	0/ 33 (0.6)
Discoloured fingers/toes, n (%)					
Almost never and Sometimes	1-4/ 15 (0.1)	1-4/ 11 (0.1)	1-4/ 9 (0.1)	1-4/ 5 (0.1)	1-4/ 1-4
Often and Almost always	1-4/ 6 (0.0)	1-4/ 6 (0.0)	0/ 1-4	0/ 1-4	0/ 1-4
Extreme paleness, n (%)					
Almost never and Sometimes	36 (0.7)/ 114 (0.6)	31 (0.6)/ 101 (0.5)	21 (0.6)/ 59 (0.4)	5 (0.8)/ 28 (0.3)	0/ 16 (0.3)
Often and Almost always	17 (0.3)/ 57 (0.3)	15 (0.3)/ 53 (0.3)	6 (0.2)/ 32 (0.2)	1-4/ 20 (0.2)	1-4/ 11 (0.2)

* p<0.0009. Differences in proportions between groups are tested at 2 and 6 months using Chi-Square tests.

Table S3- Duration of all symptoms in cases and controls aged 12-14 years.

	At least 2 months	At least 3 months	At least 6 months	At least 9 months	At least 12 months
	Cases/controls	Cases/controls	Cases/controls	Cases/controls	Cases/controls
Total n	2,857/10,789	2,857/10,789	2,367/8,213	494/5,047	83/2,976
Stomach aches, n (%)					
Almost never and Sometimes	172 (6.0)/ 483 (4.5)	153 (5.4)/ 456 (4.2)	111 (4.7)/ 178 (2.2)	23 (4.7)/ 104 (2.0)	1-4/ 0
Often and Almost always	60 (2.1)/ 244 (2.3)	58 (2.0)/ 228 (2.1)	50 (2.1)/ 101 (1.2)	11 (2.2)/ 66 (1.3)	1-4/ 0
Chest pain, n (%)					
Almost never and Sometimes	103 (3.6)/ 162 (1.5)	90 (3.2)/ 145 (1.3)	54 (2.3)/ 59 (0.7)	11 (2.2)/ 35 (0.7)	1-4 0/
Often and Almost always	23 (0.8)/ 25 (0.2)*	20 (0.7)/ 22 (0.2)	14 (0.6)/ 6 (0.1)*	6 (1.2)/ 1-4	0/ 0
Headache, n (%)					
Almost never and Sometimes	394 (13.3)/ 838 (7.8)	370 (13.0)/ 776 (7.2)	268 (11.3)/ 307 (3.8)	39 (7.9)/ 171 (3.4)	5 (6.0)/ 0
Often and Almost always	142 (5.0)/ 346 (3.2)*	133 (4.7)/ 330 (3.0)	106 (4.5)/ 169 (2.0)*	22 (4.5)/ 98 (1.9)	1-4/ 0
Fatigue, n (%)					
Almost never and Sometimes	390 (13.7)/ 1,021 (9.5)	340 (11.9)/ 906 (8.4)	239 (10.1)/ 341 (4.2)	33 (6.7)/ 177 (3.5)	1-4/ 0
Often and Almost always	285 (10.0)/ 807 (7.5)*	263 (9.2)/ 744 (6.9)	199 (8.4)/ 292 (3.5)*	43 (8.7)/ 170 (3.4)	8 (9.6)/ 0
Pain in muscles/joints, n (%)					
Almost never and Sometimes	223 (7.8)/ 566 (5.2)	199 (7.0)/ 519 (4.8)	134 (5.7)/ 191 (2.3)	22 (4.5)/ 119 (2.3)	1-4/ 0
Often and Almost always	82 (2.9)/ 218 (2.0)	77 (2.7)/ 200 (1.9)	63 (2.7)/ 75 (0.9)*	20 (4.0)/ 37 (0.7)	5 (6.0)/ 0
Sore throat, n (%)					
Almost never and Sometimes	89 (3.1)/ 160 (1.5)	73 (2.6)/ 137 (1.3)	55 (2.3)/ 58 (0.7)	13 (2.6)/ 37 (0.7)	0/ 0

Often and Almost always	30 (1.1)/ 20 (0.2)*	28 (1.0)/ 20 (0.2)	18 (0.8)/ 6 (0.1)*	1-4/ 3 (0.1)	0/ 0
Dizziness, n (%)					
Almost never and Sometimes	166 (5.8)/ 315 (2.9)	152 (5.3)/ 273 (2.5)	108 (4.6)/ 92 (1.1)	15 (3.0)/ 0	1-4/ 0
Often and Almost always	50 (1.8)/ 83 (0.8)*	47 (1.6)/ 73 (0.7)	35 (1.5)/ 24 (0.3)*	12 (2.4)/ 0	1-4 0
Rashes, n (%)					
Almost never and Sometimes	127 (4.4)/ 311 (2.9)	110 (3.9)/ 260 (2.4)	83 (3.5)/ 108 (1.3)	12 (2.4)/ 54 (1.1)	1-4/ 0
Often and Almost always	81 (2.8)/ 293 (2.7)	76 (2.7)/ 276 (2.5)	63 (2.7)/ 100 (1.2)*	16 (3.2)/ 51 (1.0)	5 (6.0)/ 0
Mood swings, n (%)					
Almost never and Sometimes	463 (16.2)/ 1649 (15.3)	434 (15.2)/ 1485 (13.8)	342 (14.4)/ 480 (5.9)	42 (8.5)/ 269 (5.3)	6 (7.2)/ 0
Often and Almost always	230 (8.1)/ 1113 (10.3)*	224 (7.8)/ 1062 (9.8)	170 (7.2)/ 475 (5.8)	40 (8.1)/ 266 (5.2)	5 (6.0)/ 0
Nausea, n (%)					
Almost never and Sometimes	145 (5.1)/ 368 (3.4)	136 (4.8)/ 328 (3.0)	101 (4.3)/ 139 (1.7)	20 (4.0)/ 85 (1.7)	1-4/ 0
Often and Almost always	38 (1.3)/ 118 (1.1)	34 (1.2)/ 104 (1.0)	27 (1.1)/ 56 (0.7)	10 (2.0)/ 36 (0.7)	1-4/ 0
Fever, n (%)					
Almost never and Sometimes	40 (1.4)/ 60 (0.6)	36 (1.3)/ 57 (0.5)	26 (1.1)/ 32 (0.4)	1-4/ 19 (0.4)	0/ 0
Often and Almost always	1-4 5 (0.05)	1-4 5 (0.05)	1-4/ 1-4	0/ 1-4	0/ 0
Loss of appetite, n (%)					
Almost never and Sometimes	157 (5.5)/ 432 (4.0)	136 (4.8)/ 372 (3.4)	91 (3.8)/ 119 (1.4)	11 (2.2)/ 65 (1.3)	1-4/ 0
Often and Almost always	93 (3.3)/ 288 (2.7)	87 (3.0)/ 269 (2.5)	56 (2.4)/ 105 (1.3)*	13 (2.6)/ 61 (1.2)	1-4/ 0
Trouble breathing, n (%)					

Almost never and Sometimes	108 (3.8)/ 178 (1.6)	91 (3.2)/ 162 (1.5)	69 (2.9)/ 72 (0.9)	11 (2.2)/ 44 (0.9)	1-4/ 0
Often and Almost always	37 (1.3)/ 48 (0.4)*	35 (1.2)/ 43 (0.4)	21 (0.9)/ 18 (0.2)*	5 (1.0)/ 9 (0.2)	1-4/ 0
Dark circles under the eyes, n (%)					
Almost never and Sometimes	122 (4.3)/ 354 (3.3)	107 (3.7)/ 315 (2.9)	75 (3.2)/ 102 (1.2)	15 (3.0)/ 53 (1.0)	1-4/ 0
Often and Almost always	63 (2.2)/ 195 (1.8)	61 (2.1)/ 186 (1.7)	44 (1.9)/ 86 (1.1)	12 (2.4)/ 54 (1.1)	1-4/ 0
Palpitations, n (%)					
Almost never and Sometimes	81 (2.8)/ 161 (1.5)	71 (2.5)/ 140 (1.3)	44 (1.9)/ 51 (0.6)	12 (2.4)/ 29 (0.6)	1-4/ 0
Often and Almost always	19 (0.7)/ 41 (0.4)	19 (0.7)/ 39 (0.4)	14 (0.6)/ 14 (0.2)*	0/ 10 (0.2)	0/ 0
Trouble remembering and concentrating, n (%)					
Almost never and Sometimes	328 (11.5)/ 1,002 (9.3)	311 (10.9)/ 926 (8.6)	234 (9.9)/ 364 (4.4)	36 (7.3)/ 195 (0.4)	5 (6.0)/ 0
Often and Almost always	170 (6.0)/ 697 (6.4)	167 (5.8)/ 682 (6.3)	139 (5.9)/ 297 (3.6)*	29 (5.9)/ 170 (3.3)	5 (6.0)/ 0
Cold hands/feet, n (%)					
Almost never and Sometimes	86 (3.0)/ 237 (2.2)	79 (2.8)/ 220 (2.0)	65 (2.7)/ 81 (1.0)	9 (1.8)/ 52 (1.0)	1-4/ 0
Often and Almost always	79 (2.8)/ 272 (2.5)	77 (2.7)/ 265 (2.5)	66 (2.8)/ 106 (1.3)*	14 (2.8)/ 63 (1.2)	1-4/ 0
Cough, n (%)					
Almost never and Sometimes	91 (3.2)/ 134 (1.2)	81 (2.8)/ 113 (1.0)	55 (2.3)/ 59 (0.7)	11 (2.2)/ 38 (0.7)	1-4/ 0
Often and Almost always	22 (0.8)/ 33 (0.3)*	18 (0.6)/ 28 (0.3)	12 (0.5)/ 10 (0.1)*	1-4/ 7 (0.1)	1-4/ 0
Chapped lips, n (%)					

Almost never and Sometimes	119 (4.2)/ 302 (2.8)	110 (3.9)/ 252 (2.3)	75 (3.2)/ 97 (1.2)	11 (2.2)/ 47 (0.9)	1-4/ 0
Often and Almost always	59 (2.1)/ 178 (1.6)	57 (2.0)/ 159 (1.5)	44 (1.9)/ 67 (0.8)*	10 (2.0)/ 37 (0.7)	1-4/ 0
Dizziness when standing, n (%)					
Almost never and Sometimes	152 (5.3)/ 308 (2.8)	145 (5.1)/ 278 (2.6)	108 (4.6)/ 80 (1.0)	19 (3.8)/ 41 (0.8)	1-4 0
Often and Almost always	50 (1.8)/ 94 (0.9)*	48 (1.7)/ 83 (0.8)	39 (1.6)/ 30 (0.4)*	10 (2.0)/ 18 (0.4)	1-4/ 0
Light sensitivity, n (%)					
Almost never and Sometimes	72 (2.5)/ 219 (2.0)	68 (2.4)/ 202 (1.9)	57 (2.4)/ 88 (1.1)	1 (0.2)/ 45 (0.9)	0/ 0
Often and Almost always	29 (1.0)/ 146 (1.3)	28 (1.0)/ 142 (1.3)	18 (0.8)/ 68 (0.8)	7 (1.4)/ 40 (0.8)	0/ 0
Discoloured fingers/toes, n (%)					
Almost never and Sometimes	10 (0.4)/ 26 (0.2)	9 (0.3)/ 25 (0.2)	6 (0.3)/ 8 (0.1)	0/ 1-4	0/ 0
Often and Almost always	1-4/ 10 (0.1)	1-4/ 7 (0.1)	1-4/ 1-4	1-4/ 0	1-4/ 0
Extreme paleness, n (%)					
Almost never and Sometimes	29 (1.0)/ 135 (1.2)	26 (0.9)/ 111 (1.0)	17 (0.7)/ 37 (0.4)	4 (0.8)/ 15 (0.3)	0/ 0
Often and Almost always	17 (0.6)/ 78 (0.7)	16 (0.6)/ 74 (0.7)	10 (0.4)/ 28 (0.3)	3 (0.6)/ 18 (0.4)	1-4/ 0

* $p < 0.0009$. Differences in proportions between groups are tested at 2 and 6 months using Chi-Square tests.

Table S4- Sex differences in proportion experiencing at least one symptom for at least 8 weeks

	Cases			Controls		
	Girls	Boys	OR (95% CI)	Girls	Boys	OR (95% CI)
Proportion reporting at least one symptom lasting 8 months, n (%)						
0-3 years	247 (39.1)	258 (36.9)	1.10 (0.88;1.38)	467 (26.2)	568 (28.1)	0.91 (0.79;1.05)
4-11 years	1044 (38.6)	1071 (36.2)	1.14 (1.02;1.27)	3054 (34.6)	3079 (32.8)	1.15 (1.08;1.23)*
12-14 years	732 (52.7)	573 (39.6)	1.70 (1.47;1.97)*	2388 (46.1)	2010 (36.8)	1.47 (1.36;1.59)*

* p<0.0009. Differences tested using logistic regression adjusted for age.

Table S5- Sick leave during the past 12 months

	13 months-3 years		4-11 years		12-14 years	
	COVID population (n = 1 344)	Controls (n = 3 507)	COVID population (n = 6 032)	Controls (n = 18 372)	COVID population (n = 3 516)	Controls (n = 10 789)
Sick leave past 12 months		<0.0001		<0.0001		<0.0001
0-5 days	405 (30.1)	1,487 (42.4)	3,845 (63.7)	14,420 (78.5)	1,987 (56.5)	8,214 (76.1)
6-10 days	351 (26.1)	886 (25.3)	1,228 (20.4)	2,446 (13.3)	823 (23.4)	1,514 (14.0)
11-15 days	206 (15.3)	487 (13.9)	535 (8.9)	807 (4.4)	389 (11.1)	496 (4.6)
16 days -1 month	296 (22.0)	545 (15.5)	378 (6.3)	587 (3.2)	266 (7.6)	403 (3.7)
more than 1 month	86 (6.4)	102 (2.9)	46 (0.8)	112 (0.6)	51 (1.5)	162 (1.5)
Absence from day-care/school because of illness^a		<0.0001		<0.0001		<0.0001
0-5 days	480 (35.7)	1,768 (50.4)	2,972 (67.5)	11,108 (82.2)	2,264 (64.4)	8,630 (80.0)
6-10 days	352 (26.2)	811 (23.1)	803 (18.2)	1,480 (11.0)	706 (20.1)	1,233 (11.4)
11-15 days	191 (14.2)	434 (12.4)	360 (8.2)	470 (3.5)	317 (9.0)	384 (3.6)
16 days -1 month	272 (20.2)	418 (11.9)	242 (5.5)	333 (2.5)	185 (5.3)	359 (3.3)
more than 1 month	49 (3.7)	76 (2.2)	27 (0.6)	117 (0.9)	44 (1.3)	183 (1.7)
Sick leave perceived to be related to COVID						
0-5 days	1,041 (77.5)	NA	5,008 (83.0)	NA	2,661 (75.7)	NA
6-10 days	178 (13.2)	NA	672 (11.1)	NA	550 (15.6)	NA
11-15 days	67 (4.9)	NA	201 (3.3)	NA	191 (5.4)	NA

16 days -1 month	41 (3·1)	NA	127 (2·1)	NA	86 (2·45)	NA
more than 1 month	17 (1·3)	NA	24 (0·4)	NA	27 (0·8)	NA

^a For the age group 4-11 years the question about absence from school is only reported for children aged 8-11 due to a technical error in the questionnaire. The results percentages reported are calculated from 4,404 cases and 13,508 controls.

Table S6 - Psychological and social symptoms in cases and controls^a

	4-11 years		12-14 years	
	COVID population (n = 6,032)	Controls (n = 18,372)	COVID population (n = 3,516)	Controls (n = 10,789)
Being scared		<0.0001		<0.0001
Almost never and Sometimes	2,607 (43.2)	9,841 (53.6)	828 (23.6)	3,300 (30.6)
Often and Almost always	312 (5.2)	1,027 (5.6)	117 (3.3)	383 (3.5)
Feeling sad		<0.001		<0.0001
Almost never and Sometimes	3,680 (61)	13,697 (74.6)	1,411 (40.1)	5,713 (53.0)
Often and Almost always	272 (4.5)	997 (5.4)	182 (5.2)	547 (5.1)
Trouble sleeping		<0.0001		<0.0001
Almost never and Sometimes	2,559 (42.4)	9,567 (52.1)	1,260 (35.8)	4,871 (45.1)
Often and Almost always	476 (7.9)	1,642 (8.9)	275 (7.8)	911 (8.4)
Feeling worried about what will happen to me		<0.001		<0.0001
Almost never and Sometimes	1,958 (32.5)	7,432 (40.5)	967 (27.5)	4,072 (37.7)
Often and Almost always	305 (5.1)	1,206 (6.6)	209 (5.9)	883 (8.2)
Trouble being with peers		<0.0001		<0.0001
Almost never and Sometimes	1,513 (25.1)	6,175 (33.6)	779 (22.2)	3,272 (30.3)
Often and Almost always	230 (3.8)	846 (4.6)	177 (5.0)	699 (6.5)
Others don't want to be friends		<0.001		<0.0001
Almost never and Sometimes	1,245 (20.6)	4,777 (26)	673 (19.1)	2,801 (26.0)
Often and Almost always	66 (1.1)	370 (2)	88 (2.5)	371 (3.4)

Being teased		<0.0001		<0.0001
Almost never and Sometimes	1,445 (23.9)	5,844 (31.8)	557 (15.8)	2,432 (22.5)
Often and Almost always	65 (1.1)	262 (1.4)	42 (1.2)	161 (1.5)

^a Results are only reported for the age groups 5-11 years and 12-14 years as children in the age group 0-4 years were not asked similar questions.

Table S7 - Demographic and clinical profile for the long COVID groups^a across age groups

	0-3 years	4-11 years	12-14 years
n (% of total COVID population)	n = 427 (31.2%)	n = 1,505 (26.5%)	n = 1,077 (32.5 %)
Age, median (range)	2.1 (0.2-4.9)	8.9 (4.0-12.9)	13.6 (12.0-15.9)
Missing n, (%)	7 (1.6)	11 (0.7)	6 (0.6)
Sex n, (%)			
Female	199 (46.6)	766 (50.9)	616 (57.5)
Male	221 (51.8)	728 (48.3)	455 (42.5)
Missing n, (%)	7 (1.6)	11 (0.7)	6 (0.6)
BMI n, (%)^b			
Underweight	15 (6.7)	134 (8.9)	45 (4.2)
Normal weight	182 (80.9)	1,020 (67.8)	671 (62.3)
Overweight	12 (5.3)	258 (17.1)	164 (15.2)
Obesity	7 (3.1)	88 (5.9)	41 (4.5)
Missing n, (%)	9 (4.0)	5 (0.3)	6 (0.6)
Pre-existing co-morbidity n, (%)			
Asthma	24 (5.6)	113 (7.5)	80 (7.4)
Allergy	15 (3.5)	186 (12.4)	203 (18.9)
Eczema	50 (11.7)	139 (9.2)	92 (8.5)
Tics	0 (0.0)	31 (2.1)	25 (2.3)

Colic	10 (2.3)	7 (0.5)	
ADHD/ADS	NA	28 (1.9)	44 (4.1)
Epstein Bar	NA	<5	5 (0.5)
Arthritis	NA	6 (0.4)	<5
Myalgic encephalomyelitis/Cronic fatigue syndrome	NA	<5	<5
Autism	NA	22 (1.5)	32 (3.0)
Hyper-mobility	NA	25 (1.7)	34 (3.2)
HPV virus	NA	0 (0.0)	0 (0.0)
OCD/anxiety/depression	NA	17 (1.1)	38 (3.5)
Other	15 (3.5)	69 (4.6)	57 (5.3)
Time since positive COVID-19 test n, (%)			
1 month	<5	6 (0.4)	<5
1-3 months	54 (12.7)	190 (12.6)	151 (14.02)
4-6 months	86 (20.1)	334 (22.2)	149 (13.8)
7-9 months	222 (52.0)	805 (53.5)	608 (56.5)
10-12 months	41 (9.6)	123 (8.2)	139 (12.9)
+12 months	22 (5.2)	47 (3.1)	24 (2.4)
COVID-19 course n, (%)			
No symptoms	156 (36.5)	579 (38.5)	258 (23.9)
Mild symptoms	248 (58.1)	861 (57.2)	762 (70.8)
Severe symptoms	23 (5.4)	65 (4.3)	57 (5.3)

^a When investigating the case group only, long COVID symptoms were defined as symptoms not experienced before COVID-19 infection and present 8 weeks after the positive test.

^b BMI is not reported for children in the age group 0-2 years old (n=202).

Table S8 – Symptoms in the long COVID groups

	0-3 years	4-11 years	12-14 years
Proportion of cases suspecting that new symptom was related to COVID, n (%)	261 (19.1)	1091 (19.2)	815 (24.6)
Proportion of cases reporting at least one symptom lasting 12 months, n (%)	8 (12.0)	19 (10.4)	14 (16.9)
Mean number of new symptoms lasting 2 months, mean (SD) median (IQR)	0.7 (1.5) 0.0 (0.0-1.0)	0.7 (1.6) 0.0 (0.0-0.0)	1.0 (2.2) 2.0 (0.0-1.0)
Mean number of new symptoms by COVID-19 course:			
No symptoms mean (SD) median (IQR)	0.4 (1.0) 0.0 (0.0-0.0)	0.3 (1.0) 0.0 (0.0-0.0)	0.4 (1.2) 0.0 (0.0-9.0)
Mild symptoms mean (SD) median (IQR)	1.0 (1.7) 0.0 (0.0-1.0)	1.1 (2.0) 0.0 (0.0-1.0)	1.4 (2.4) 0.0 (0.0-2.0)
Severe symptoms mean (SD) median (IQR)	1.7 (2.5) 0.0 (0.0-3.0)	3.8 (4.1) 2.0 (0.0-6.0)	3.8 (4.6) 2.0 (0.0-6.0)

Table S9 - Long COVID-19 symptoms (prevalence and duration) among cases with new symptoms divided by age group

	0-3 years				4-11 years				12-14 years			
	At least 1 month n = 1,417	At least 2 months n = 1,349	At least 3 months n = 1,194	At least 6 months n = 899	At least 1 month n = 5,967	At least 2 months n = 5,692	At least 3 months n = 5,023	At least 6 months n = 3,614	At least 1 month n = 3,458	At least 2 months n = 3,281	At least 3 months n = 2,857	At least 6 months n = 2,367
Stomach aches, n (%)												
Almost never and Sometimes	58 (4.1)	36 (2.7)	24 (2.0)	14 (1.6)	208 (3.5)	159 (2.8)	125 (2.5)	73 (2.0)	103 (3.0)	85 (2.6)	71 (2.5)	44 (1.9)
Often and Almost always	24 (1.7)	22 (1.6)	16 (1.3)	5 (0.6)	85 (1.4)	84 (1.5)	72 (1.4)	45 (1.2)	39 (1.1)	30 (0.9)	30 (1.1)	24 (1.0)
Chest pain, n (%) ^a												
Almost never and Sometimes	<5	<5	<5	<5	105 (1.8)	90 (1.6)	68 (1.3)	41 (1.1)	108 (3.1)	79 (2.4)	63 (2.2)	37 (1.6)
Often and Almost always	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	11 (0.2)	10 (0.2)	5 (0.1)	<5	21 (0.6)	20 (0.6)	16 (0.6)	10 (0.4)
Headache, n (%) ^a												
Almost never and Sometimes	15 (1.7)	11 (1.3)	9 (1.2)	<5	391 (6.5)	297 (5.2)	245 (4.9)	150 (4.1)	252 (7.3)	193 (5.9)	162 (5.7)	107 (4.5)
Often and Almost always	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	98 (1.6)	88 (1.5)	76 (1.5)	53 (1.5)	90 (2.6)	83 (2.5)	72 (2.5)	56 (2.4)
Fatigue, n (%)												
Almost never and Sometimes	92 (6.5)	60 (4.4)	44 (3.7)	16 (1.8)	380 (6.4)	280 (4.9)	224 (4.4)	130 (3.6)	294 (8.5)	218 (6.6)	163 (5.7)	99 (4.2)
Often and Almost always	41 (2.9)	37 (2.7)	30 (2.5)	15 (1.7)	200 (3.3)	173 (3.0)	133 (2.6)	79 (2.2)	230 (6.7)	210 (6.4)	185 (6.5)	135 (5.7)
Pain in muscles/joints, n (%)												
Almost never and Sometimes	29 (2.0)	21 (1.6)	17 (1.4)	8 (0.9)	214 (3.6)	168 (2.9)	134 (2.7)	80 (2.2)	151 (4.4)	113 (3.4)	88 (3.1)	52 (2.2)
Often and Almost always	<5	<5	<5	<5	63 (1.1)	52 (0.9)	45 (0.9)	30 (0.8)	52 (1.5)	52 (1.6)	48 (1.7)	34 (1.4)

Sore throat, n (%)^a												
Almost never and Sometimes	14 (1.6)	9 (1.0)	5 (0.6)	<5	82 (1.4)	56 (1.0)	48 (1.0)	25 (0.7)	76 (2.2)	46 (1.4)	32 (1.1)	25 (1.1)
Often and Almost always	<5	<5	<5	0 (0.0)	30 (0.5)	24 (0.4)	19 (0.4)	14 (0.4)	22 (0.6)	18 (0.5)	15 (0.5)	8 (0.3)
Dizziness, n (%)^a												
Almost never and Sometimes	<5	<5	<5	<5	97 (1.6)	78 (1.4)	56 (1.1)	29 (0.8)	146 (4.2)	120 (3.7)	95 (3.3)	64 (2.7)
Often and Almost always	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	16 (0.3)	14 (0.2)	9 (0.2)	5 (0.1)	41 (1.2)	37 (1.1)	32 (1.1)	26 (1.1)
Rashes, n (%)												
Almost never and Sometimes	48 (3.4)	27 (2.0)	20 (1.7)	11 (1.2)	83 (1.4)	60 (1.1)	47 (0.9)	21 (0.6)	57 (1.6)	48 (1.5)	33 (1.2)	21 (0.9)
Often and Almost always	29 (2.0)	23 (1.7)	20 (1.7)	10 (1.1)	36 (0.6)	34 (0.6)	24 (0.5)	16 (0.4)	21 (0.6)	21 (0.6)	18 (0.6)	10 (0.4)
Mood swings, n (%)												
Almost never and Sometimes	59 (4.2)	40 (3.0)	31 (2.6)	16 (1.8)	219 (3.7)	185 (3.2)	141 (2.8)	85 (2.3)	140 (4.0)	117 (3.6)	100 (3.5)	70 (3.0)
Often and Almost always	41 (2.9)	34 (2.5)	29 (2.4)	12 (1.3)	103 (1.7)	95 (1.7)	86 (1.7)	54 (1.5)	76 (2.2)	74 (2.3)	69 (2.4)	51 (2.2)
Nausea, n (%)												
Almost never and Sometimes	22 (1.6)	14 (1.0)	10 (0.8)	<5	131 (2.2)	101 (1.8)	87 (1.7)	51 (1.4)	103 (3.0)	81 (2.5)	71 (2.5)	47 (2.0)
Often and Almost always	<5	<5	<5	<5	33 (0.6)	28 (0.5)	20 (0.4)	14 (0.4)	32 (0.9)	29 (0.9)	24 (0.8)	19 (0.8)
Fever, n (%)												
Almost never and Sometimes	33 (2.3)	28 (2.1)	22 (1.8)	15 (1.7)	37 (0.6)	28 (0.5)	24 (0.5)	12 (0.3)	29 (0.8)	22 (0.7)	21 (0.7)	14 (0.6)
Often and Almost always	17 (1.2)	16 (1.2)	14 (1.2)	9 (1.0)	7 (0.1)	7 (0.1)	<5	<5	6 (0.2)	5 (0.2)	<5	<5
Loss of appetite, n (%)												
Almost never and Sometimes	38 (2.7)	27 (2.0)	21 (1.8)	7 (0.8)	182 (3.1)	133 (2.3)	98 (2.0)	53 (1.5)	163 (4.7)	121 (3.7)	92 (3.2)	58 (2.5)
Often and Almost always	23 (1.6)	21 (1.6)	16 (1.3)	7 (0.8)	83 (1.4)	75 (1.3)	61 (1.2)	34 (0.9)	92 (2.7)	83 (2.5)	77 (2.7)	48 (2.0)

Trouble breathing, n (%)												
Almost never and Sometimes	37 (2.6)	30 (2.2)	24 (2.0)	15 (1.7)	94 (1.6)	75 (1.3)	52 (1.0)	29 (0.8)	92 (2.7)	75 (2.3)	56 (2.0)	40 (1.7)
Often and Almost always	14 (1.0)	13 (1.0)	12 (1.0)	7 (0.8)	25 (0.4)	24 (0.4)	21 (0.4)	11 (0.3)	32 (0.9)	31 (0.9)	26 (0.9)	16 (0.7)
Dark circles under the eyes, n (%)												
Almost never and Sometimes	28 (2.0)	19 (1.4)	14 (1.2)	9 (1.0)	110 (1.8)	77 (1.3)	59 (1.2)	40 (1.1)	74 (2.1)	65 (2.0)	49 (1.7)	33 (1.4)
Often and Almost always	12 (0.8)	11 (0.8)	10 (0.8)	7 (0.8)	47 (0.8)	44 (0.8)	38 (0.8)	25 (0.7)	25 (0.7)	22 (0.7)	21 (0.7)	15 (0.6)
Palpitations, n (%)												
Almost never and Sometimes	<5	<5	<5	0 (0.0)	75 (1.3)	63 (1.1)	53 (1.1)	31 (0.9)	65 (1.9)	57 (1.7)	47 (1.6)	30 (1.3)
Often and Almost always	<5	<5	<5	<5	11 (0.2)	11 (0.2)	7 (0.1)	5 (0.1)	15 (0.4)	15 (0.5)	15 (0.5)	10 (0.4)
Trouble remembering and concentrating, n (%)^a												
Almost never and Sometimes	13 (1.5)	12 (1.4)	10 (1.3)	7 (1.2)	176 (2.9)	149 (2.6)	131 (2.6)	87 (2.4)	152 (4.4)	128 (3.9)	113 (4.0)	76 (3.2)
Often and Almost always	<5	<5	<5	<5	55 (0.9)	53 (0.9)	49 (1.0)	34 (0.9)	73 (2.1)	68 (2.1)	61 (2.1)	52 (2.2)
Cold hands/feet, n (%)												
Almost never and Sometimes	25 (1.8)	20 (1.5)	17 (1.4)	7 (0.8)	38 (0.6)	33 (0.6)	27 (0.5)	17 (0.5)	43 (1.2)	41 (1.2)	35 (1.2)	25 (1.1)
Often and Almost always	5 (0.4)	5 (0.4)	<5	<5	11 (0.2)	10 (0.2)	8 (0.2)	8 (0.2)	27 (0.8)	25 (0.8)	23 (0.8)	21 (0.9)
Cough, n (%)												
Almost never and Sometimes	84 (5.9)	61 (4.5)	47 (3.9)	17 (1.9)	122 (2.0)	84 (1.5)	51 (1.0)	30 (0.8)	83 (2.4)	55 (1.7)	42 (1.5)	24 (1.0)
Often and Almost always	67 (4.7)	54 (4.0)	42 (3.5)	23 (2.6)	51 (0.9)	43 (0.8)	34 (0.7)	19 (0.5)	22 (0.6)	18 (0.5)	14 (0.5)	8 (0.3)
Chapped lips, n (%)												

Almost never and Sometimes	10 (0.7)	8 (0.6)	5 (0.4)	<5	69 (1.2)	50 (0.9)	35 (0.7)	21 (0.6)	46 (1.3)	33 (1.0)	27 (0.9)	19 (0.8)
Often and Almost always	<5	0 (0.0)	0 (0.0)	0 (0.0)	29 (0.5)	22 (0.4)	21 (0.4)	17 (0.5)	21 (0.6)	19 (0.6)	18 (0.6)	13 (0.5)
Dizziness when standing, n (%)^a												
Almost never and Sometimes	<5	<5	<5	0 (0.0)	72 (1.2)	59 (1.0)	48 (1.0)	31 (0.9)	104 (3.0)	91 (2.8)	81 (2.8)	60 (2.5)
Often and Almost always	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10 (0.2)	8 (0.1)	6 (0.2)	6 (0.2)	45 (1.3)	40 (1.2)	35 (1.2)	25 (1.1)
Light sensitivity, n (%)^a												
Almost never and Sometimes	11 (1.2)	11 (1.3)	9 (1.2)	5 (0.9)	42 (0.7)	42 (0.7)	36 (0.7)	25 (0.7)	39 (1.1)	29 (0.9)	25 (0.9)	17 (0.7)
Often and Almost always	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	18 (0.3)	18 (0.3)	16 (0.3)	9 (0.2)	19 (0.5)	18 (0.5)	17 (0.6)	11 (0.5)
Discoloured fingers/toes, n (%)												
Almost never and Sometimes	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	<5	<5	<5	<5	7 (0.2)	6 (0.2)	5 (0.2)	<5
Often and Almost always	<5	<5	<5	<5	<5	<5	0 (0.0)	0 (0.0)	<5	<5	<5	<5
Extreme paleness, n (%)												
Almost never and Sometimes	<5	<5	<5	<5	27 (0.5)	22 (0.4)	18 (0.4)	13 (0.4)	27 (0.8)	17 (0.5)	14 (0.5)	5 (0.2)
Often and Almost always	5 (0.4)	<5	<5	<5	12 (0.2)	10 (0.2)	7 (0.1)	<5	15 (0.4)	15 (0.5)	13 (0.5)	7 (0.3)

^a These symptoms are only reported for children aged 2-4 years. Children aged 0-2 years were not asked about these symptoms as they would not be appropriate to answer for that age group. Thus, percentages shown are calculated out of 896 cases at 1 month, 861 cases at 2 months, 773 cases at 3 months and 587 cases at 6 months.

Table S10 - Sick days during the past 12 months for the long COVID groups

	13 months - 4 years	5-11 years	12-14 years
	n = 391	n = 1,505	n = 1,077
Sick leave past 12 months			
0-5 days	89 (22.8)	703 (46.7)	411 (38.2)
6-10 days	83 (21.2)	370 (24.6)	283 (26.3)
11-15 days	53 (13.6)	191 (12.7)	181 (16.81)
16 days -1 month	116 (29.7)	210 (13.9)	161 (15.0)
more than 1 month	50 (12.8)	31 (2.1)	41 (3.8)
Absence from day-care/school because of illness ^a			
0-5 days	116 (29.7)	589 (52.6)	516 (47.9)
6-10 days	84 (21.5)	260 (23.2)	273 (25.4)
11-15 days	50 (12.8)	135 (12.1)	148 (13.7)
16 days -1 month	110 (28.1)	120 (10.7)	111 (10.3)
more than 1 month	31 (7.9)	16 (1.4)	29 (2.7)
Sick leave perceived to be related to COVID			
0-5 days	247 (63.2)	1,032 (68.6)	623 (57.9)
6-10 days	66 (16.9)	266 (17.7)	245 (22.8)
11-15 days	35 (9.0)	102 (6.8)	117 (10.9)
16 days -1 month	29 (7.4)	90 (5.9)	69 (6.4)
more than 1 month	14 (3.6)	15 (1.0)	23 (2.1)

^a For the age group 5-11 years the question about absence from school is only reported for children aged 8-11 due to a technical error in the questionnaire. The results percentages reported are calculated from 1120 cases.

Table S11 - Questionnaire LongCOVIDKidsDK

Questionnaire - LongCOVIDKidsDK	
Subject	Items
General health	Weight Height Weight loss Unintended weight gain Comorbidity <ul style="list-style-type: none"> - Asthma - Allergy - Eczema - Tics - ADHD/ADS - Epstein Bar Virus - Arthritis - ME/CFC - Autism - Hyper-mobility - Human Papilloma Virus - OCD/anxiety/depression
SARS CoV-2 infection (cases only)	Month and year of positive SARS CoV-2 test Severity of perceived acute COVID-19 symptom burden <ul style="list-style-type: none"> - No symptoms - Mild symptoms - Severe symptoms
Sick days	Number of sick days the past 12 months Number of sick days the past 12 months related to SARS CoV-2 (cases only) Absence from school because of illness
CSSI	Headache Fainting or dizziness Pain in your heart or chest Feeling low in energy or slowed down Pains in your lower back Sore muscles Trouble getting your breath (when you're not exercising) Hot or cold spells (suddenly feeling hot or cold for no reason) Numbness or tingling in parts of your body Weakness (feeling weak) in parts of your body Heavy feelings in your arms or legs Nausea or upset stomach (feeling like you might throw up, or having an upset stomach) Constipation (when it's hard to have a B.M. or go poop) Loose (runny) BM's or diarrhea Pain in your stomach or abdomen (stomach aches) Your heart beating too fast (even when you're not exercising) Difficulty swallowing Losing your voice Blurred vision (when things look blurry, even with glasses on) Vomiting (or throwing up) Feeling bloated or gassy Food making you sick Pain in your knees, elbows or other joints
PedsQL	It is hard for me to walk more than one block/or one meter It is hard for me to run It is hard for me to do sports activity or exercise It is hard for me to lift something heavy It is hard for me to take a bath or shower by myself It is hard to me to do chores around the house I hurt or ache I have low energy I feel afraid or scared I feel sad or blue I feel angry I have trouble sleeping I worry about what will happen to me I have trouble getting along with other kids Other kids do not want to be my friend

	<p>Other kids tease me I cannot do things that other kids my age can do It is hard to keep up when I play with other kids It is hard to pay attention in class I forget things I have trouble keeping up with my schoolwork I miss school because of not feeling well I miss school to go to the doctor or hospital</p>
<p>Long COVID symptoms</p> <p>For how long have you been affected by the symptom?</p> <p>Are you still affected by the symptom? (cases only)</p> <p>Were you affected by this symptom before the COVID-19 infection? (cases only)</p> <p>Do you suspect the symptom to be related to the COVID-19 infection? (cases only)</p>	<p>Abdominal pain Chest pain Headaches Fatigue Pain and weakness in muscle/joints Sore throat Dizziness Skin rash Mood swings Nausea Fever Loss of appetite Breathing problems Dark circles under the eyes Heart beating Memory or concentration difficulties Cold feet/hands Cough Dry and cracked lips Dizziness when standing Light sensitivity COVID fingers/toes (discoloration of fingers and toes) Extreme paleness</p>

Table S12 - Covid-19 Denmark: School/national lockdown and reopening, and changes in testing policies

School lockdown and reopening	
2020	
March 11	Lockdown: All schools, day care centers and institutions are closed.
April 15	Reopening of schools: 0-5th grade, day care centers and institutions.
May 18	Reopening of schools: 6th-10th grade and boarding schools.
May 27	Reopening of high schools and secondary educations.
December 9	Home/online schooling of pupils for 5 th to 10 th grade, high school students, and students at secondary educations.
December 21	Home/online schooling of all pupils.
2021	
February 8	Reopening of schools for 0-4 th grade
March 1	Reopening of all schools and boarding schools on the remote Danish island, Bornholm. All boarding school pupils and pupils in 9 th and 10 th grade in Northern and Western Jutland can return to school.
March 15	All boarding school pupils can return to school, pupils in 5 th -8 th grade attend school once a week (outdoors) and online schooling the remaining time. All 9 th and 10 th grade pupils, high school pupils and graduating students in secondary education, except those who live in areas around Copenhagen, can attend school part-time (50%). On small Danish islands, all pupils can return to school.
April 6	Pupils in 5 th -8 th grade return to school part-time (50%). The same applies for non-graduating students in high schools and secondary educations.
April 21	Pupils in 5 th -8 th have the opportunity for outdoor attendance during the weeks when there is no access to indoor teaching. Graduating students in primary schools and in upper secondary and adult education can attend 80% while students in secondary educations can attend fully. The reopening is geographically differentiated and covers all parts of the Denmark with exception of the metropolitan area.
May 6	Pupils in 5 th -8 th grade can return to school 100%
May 21	All students in high schools and secondary educations can return 100%
National lockdown and reopening	
2020	
March 11	Lockdown: All civil servants in non-critical functions are sent home. Assembly ban for more than 100 people.
March 14	The government of Denmark closes its borders to all but Danish citizens, individuals with Danish work or residency permits, and those the Danish government determines have a critical purpose of travel.
March 18	Assembly for more than 10 people, closure of liberal professions, indoor sports and sports facilities, fitness centers, malls, cultural life.
April 20	Reopening of liberal professions.
May 7	Reopening of outdoor sports and sports facilities.
May 11	Reopening of all retail.
May 18	Reopening of restaurants and churches.
May 21	Reopening of museums, theaters, cinemas and zoos.
May 27	Reopening of adult education and public research activities.
June 8	Assembly ceiling is raised to 50 persons. Reopening of fitness centers and indoor swimming facilities.
July 4	Assembly ceiling is raised to 100 persons.
September 19	Assembly ceiling is lowered to 50 people, venues can still have up to 500 seated guests. Cafes, bars, and restaurants must close at 22.00. For all other workplaces - both private and public - the government encourages employees to work from home to the extent possible and appropriate.
December 17	All major shopping centers in the country close down.
December 21	All leisure activities and liberal professions, such as hairdressers, close down.
December 25	All stores except pharmacies and supermarkets close down.
2021	
March 1	Denmark partially reopens: Department stores under 5000 m2 (with the exception of department stores in malls) are reopening with stricter square meter requirements. Stores of more than 5000 m2 can be open to a very limited number of customers by appointment. Outdoor cultural institutions reopened (requirement for negative COVID-19 test). The assembly ban is raised to 25 people for outdoor sports and association activities.
March 22	The parliament has agreed to reopen society - with a few exceptions - when citizens older than 50 years have been vaccinated.
April 6	Liberal professions reopen on display of EU COVID certificate.
April 21	Shopping malls, department stores, as well as outdoor seating and organized sports for children. Outdoor dining at restaurants and cafes, museums, art galleries and libraries reopen on display of EU COVID certificate.
May 6	The assembly ceiling is raised to 25 indoors, venues can have up to 2,000 seated guests. Indoor dining at restaurants and cafes, conferences, venues, theatres and cinemas on presentation of EU COVID certificate. Organized indoor sports for adults over the age of 18 on presentation of EU COVID certificate.
May 21	All remaining sports, leisure and association activities are open upon presentation of EU COVID certificate. Indoor facilities in amusement parks, zoos, playgrounds, etc. reopened upon presentation of EU COVID certificate.
June 14	The opening hours at restaurants are extended to 24.00. EU COVID certificate requirements are abolished for libraries, etc.

July 15	Opening hours for restaurants are extended to 02.00.
August 1	Corona passport requirements are abolished for amusement parks, zoos, fairs, etc.
September 1	Assembly ceiling for larger assemblies is abolished. Nightclubs reopen against EU COVID certificate requirements.
September 10	Requirements for corona passports are abolished for restaurants, water parks, etc.
September 10	Covid-19 is no longer considered a socially critical disease in Denmark
Testing policies - 2020 timeline*	
March 11	Only citizens who both (a) have symptoms AND (b) accommodate specific criteria (e.g. key workers, admitted to hospital, came into contact with an infected person, returned from overseas).
April 20	Testing of any citizen showing Covid-19 symptoms.
May 12	Open public testing access (e.g. "drive through" testing also available to citizens without symptoms).
May 29	Open public testing (e.g. "drive through" testing available to citizens without symptoms). Visitors entering Denmark are encouraged to get tested upon arrival at the border.
August 14	Open public testing (e.g. "drive through" testing is accessible to asymptomatic citizens). The Government will set up additional laboratory facilities in Western Denmark operated by private test centers to reduce the transportation and response times when testing. The target is that 80% must have access to COVID-19 testing within 24 hours and that 80% will receive a test response within 24 hours.

*<https://askabout.io/covid-19/ask/what-is-the-government-response-timeline-for-denmark/>