

Supplementary appendix to ‘Risk of hospitalisation with COVID-19 among teachers compared to healthcare workers and other working-age adults. A nationwide case-control study’

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Exposure status and the GTCS register

All teachers working in the state sector in Scotland are included on the General Teaching Council for Scotland (GTCS) register, and from 1st October 2017 all newly appointed teachers working at independent schools have also been required to register. However, the deadline for registration for those already in post prior to the 1st of October 2017 is not until 1st of June 2021, so some teachers working in independent schools will not have been included (<https://www.gtcs.org.uk/registration/independent-schools-registration.aspx>). Teachers were defined by the GTCS as actively teaching if they had completed their “professional update” (the ongoing professional learning requirement that is a requirement for employment as a teacher) and had a last known employer suggestive of a teaching post. A small set of teachers (< 400) were removed from the data before it was provided to PHS at their own request following a consultation held by the GTCS.

Since case/control status is defined at a specific date (generally the date at which a case tested positive for both cases and their matched control), teachers believed **not** to be actively teaching at this time-point were not defined as teachers for this analysis; within the case-control study, 44 individuals were not actively teaching in February but were in November, and 309 teachers were actively teaching in February but not in November. Teachers were further subdivided based on their self-reported setting. The original settings were collapsed into the following sectors; nursery and primary, primary, secondary and other. Few primary teachers in Scotland are based in nurseries. As such, the majority of teachers allocated to the “nursery and primary” category are teachers of primary-school-aged children (based in schools with on-site nurseries) rather than teachers of pre-school children working within nurseries. The

“other” group comprised those working in further education colleges, local government, “miscellaneous”, “nursery/primary/special”, “primary/special” and “special”.

From a total of more than 70,000 registered teachers, the GTCS supplied to PHS 67, 091 records of those believed to be currently working at a school in Scotland. Following de-duplication and the exclusion of records which could not be linked to a CHI-number, the eventual teacher dataset included 66,710 unique individuals.

Rates of testing and testing positive

While we had results for all teachers who tested positive (via the case arm of the case control study), we did not have negative testing data for all teachers, only for those in the control arm. As such, we estimated the number of teachers tested as follows. For any teacher selected as a control at any time (a stratified random sample of the population), which includes all those who subsequently went on to have a positive test, we excluded all subsequent tests after their first positive result. Next we estimated the proportion of unique individuals tested during each calendar week, by age and sex. Next we applied these proportions to the denominator teacher dataset to estimate the total number of teachers tested each week within each age and sex defined stratum, then summed this to obtain the total number of teachers tested each week. We repeated this exercise for healthcare workers and the general population. Figure S1-A shows the estimated proportion of each group tested using this approach.

Subsequently, we used the case arm of the study to identify the first positive test of each teacher and summed this by age and sex. We then divided this number by the total number in each group to obtain the test rates (Figure S1-B) and by the estimated number tested in each group to obtain the proportion of individuals testing positive of the estimated total tested (Figure S1-C) for each week.

Figure S1-D shows the rate ratio for any case of COVID-19. This was obtained directly from the case-control study using the same definition as in the main manuscript via the same analysis - conditional logistic regression. Unlike the main analysis, cases who did not have a positive test and their matched controls (i.e. those defined solely on the basis of a hospital discharge diagnostic code or death) were excluded from the comparison, for comparability with the other data shown in the panel plot (Figure S1) which relates to positive tests. Consistent with the fact that this was a working-age population only 595 cases were thus excluded.

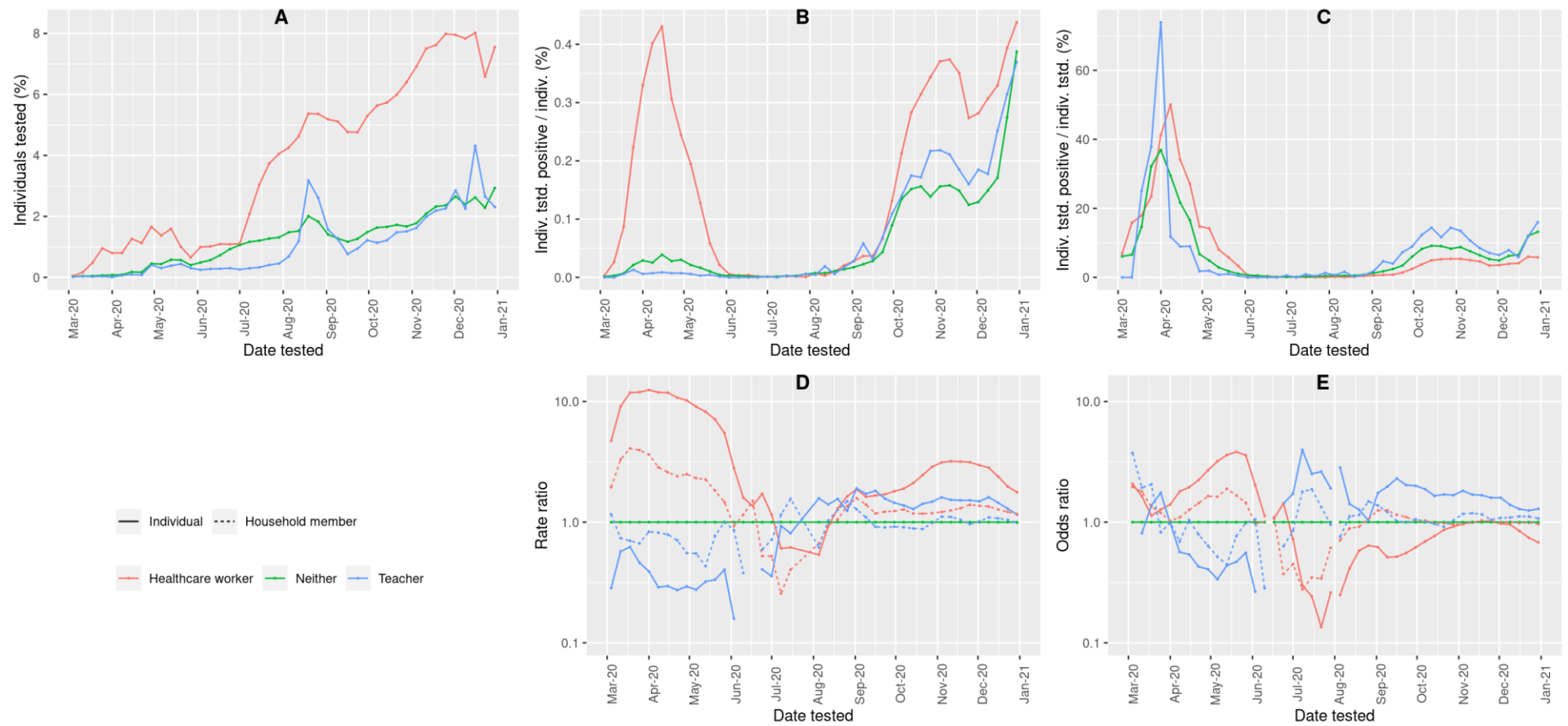
Figure S1-E shows a formal comparison of the proportion testing positive of all those tested in a given week, based only on the case-control dataset. This comparison was conducted entirely within the case-control dataset and does not rely the estimated test rates based on the teacher (or healthcare worker) denominator datasets described above. As such it is also possible to include a comparison of household members of teachers and healthcare workers. This comparison was implemented as follows.

First, we restricted the case-control dataset to cases and controls who had been tested. The original stratification (by age in single years, sex and GP practice) would have led to too few strata with at least one case or control tested contemporaneously, therefore we created new strata based on a combination of week of testing and health board area of residence (there are 14 geographic health boards in Scotland). Effect estimates for teachers and healthcare workers were then obtained by fitting a generalised linear model with a logit link and binomial likelihood conditioning on these new stratifying variables (this has previously been shown to be mathematically identical to fitting a conditional logistic regression model although it is less computationally efficient in some circumstances) as well as on the other potential confounders and matching variables included in the main analysis. Figure S1-E shows the results of fitting this model in rolling 3-week periods from March to January 2021.

Healthcare workers were much more likely to be tested for SARS-CoV-2, while the number of teachers tested each week for SARS-CoV-2 was similar to the numbers of individuals in the general population except in late August and late December when there were short spikes in testing among teachers (Figure S1-A). Relative to the general population, the proportion of teachers testing positive (of those tested) increased more rapidly in September before gradually declining towards (but not reaching) the population average in the period from mid-September until the end of follow-up (Figures S1-C and S1-E). Household members of teachers were more similar to the general population (Figure S1-E).

The proportion testing positive in healthcare workers was less than that of the general population. This is paradoxical given the higher rates of severe COVID-19 and hospitalisation with COVID-19 in this group. The finding is too early to be explained by vaccination and the most plausible explanation is that the pattern of testing is different among healthcare workers, with a higher proportion of tests being screening tests than the other groups. We do not know the extent to which different patterns in testing account for differences observed in the proportion testing positive for teachers, household members of teachers, or household members of healthcare workers.

Figure S1 Testing, test positives and test positives as a proportion of those tested over time



See text above for description of figure.

Counts of events

Table S1 - Counts of events by age, sex, time period and number of individuals in each group. Counts are mutually exclusive

Sex	Time period	Age group (years)	Group	Controls	Cases only	Hospitalised not severe	Severe
Men	1 - pre closure	21 - 30	Healthcare worker	17	32	1	0
Men	1 - pre closure	21 - 30	Household member of healthcare worker	55	13	2	0
Men	1 - pre closure	21 - 30	Household member of teacher	22	4	0	0
Men	1 - pre closure	21 - 30	Neither	975	31	16	5
Men	1 - pre closure	21 - 30	Teacher	9	1	1	0
Men	2 - closed (before phase 3 easing)	21 - 30	Healthcare worker	58	89	1	1
Men	2 - closed (before phase 3 easing)	21 - 30	Household member of healthcare worker	166	28	5	1
Men	2 - closed (before phase 3 easing)	21 - 30	Household member of teacher	104	5	1	0
Men	2 - closed (before phase 3 easing)	21 - 30	Neither	3931	271	21	6
Men	2 - closed (before phase 3 easing)	21 - 30	Teacher	25	1	0	0
Men	2 - closed (phase 3 easing)	21 - 30	Healthcare worker	36	2	0	0
Men	2 - closed (phase 3 easing)	21 - 30	Household member of healthcare worker	139	15	0	0
Men	2 - closed (phase 3 easing)	21 - 30	Household member of teacher	93	10	0	0
Men	2 - closed (phase 3 easing)	21 - 30	Neither	3081	298	4	1
Men	2 - closed (phase 3 easing)	21 - 30	Teacher	29	4	0	0
Men	3 - reopened	21 - 30	Healthcare worker	585	173	6	1
Men	3 - reopened	21 - 30	Household member of healthcare worker	2636	338	2	1
Men	3 - reopened	21 - 30	Household member of teacher	1948	237	2	0
Men	3 - reopened	21 - 30	Neither	67373	6261	94	12
Men	3 - reopened	21 - 30	Teacher	446	85	1	0
Women	1 - pre closure	21 - 30	Healthcare worker	83	67	4	0
Women	1 - pre closure	21 - 30	Household member of healthcare worker	37	9	1	0
Women	1 - pre closure	21 - 30	Household member of teacher	21	1	0	0
Women	1 - pre closure	21 - 30	Neither	1307	37	29	2
Women	1 - pre closure	21 - 30	Teacher	53	0	2	0
Women	2 - closed (before phase 3 easing)	21 - 30	Healthcare worker	527	428	13	1
Women	2 - closed (before phase 3 easing)	21 - 30	Household member of healthcare worker	308	32	2	0
Women	2 - closed (before phase 3 easing)	21 - 30	Household member of teacher	181	9	0	0

Sex	Time period	Age group (years)	Group	Controls	Cases only	Hospitalised not severe	Severe
Women	2 - closed (before phase 3 easing)	21 - 30	Neither	10917	692	47	8
Women	2 - closed (before phase 3 easing)	21 - 30	Teacher	329	6	0	0
Women	2 - closed (phase 3 easing)	21 - 30	Healthcare worker	102	16	1	0
Women	2 - closed (phase 3 easing)	21 - 30	Household member of healthcare worker	68	8	0	0
Women	2 - closed (phase 3 easing)	21 - 30	Household member of teacher	42	6	0	0
Women	2 - closed (phase 3 easing)	21 - 30	Neither	2368	225	4	0
Women	2 - closed (phase 3 easing)	21 - 30	Teacher	55	6	0	0
Women	3 - reopened	21 - 30	Healthcare worker	3397	800	13	1
Women	3 - reopened	21 - 30	Household member of healthcare worker	2020	285	2	1
Women	3 - reopened	21 - 30	Household member of teacher	1715	174	3	0
Women	3 - reopened	21 - 30	Neither	89138	8040	172	19
Women	3 - reopened	21 - 30	Teacher	2693	360	6	0
Men	1 - pre closure	31 - 40	Healthcare worker	21	28	3	2
Men	1 - pre closure	31 - 40	Household member of healthcare worker	57	26	2	0
Men	1 - pre closure	31 - 40	Household member of teacher	54	2	1	0
Men	1 - pre closure	31 - 40	Neither	1528	47	38	15
Men	1 - pre closure	31 - 40	Teacher	13	0	1	0
Men	2 - closed (before phase 3 easing)	31 - 40	Healthcare worker	65	100	5	0
Men	2 - closed (before phase 3 easing)	31 - 40	Household member of healthcare worker	160	32	8	1
Men	2 - closed (before phase 3 easing)	31 - 40	Household member of teacher	138	6	0	0
Men	2 - closed (before phase 3 easing)	31 - 40	Neither	4577	292	33	16
Men	2 - closed (before phase 3 easing)	31 - 40	Teacher	55	2	0	0
Men	2 - closed (phase 3 easing)	31 - 40	Healthcare worker	26	3	0	0
Men	2 - closed (phase 3 easing)	31 - 40	Household member of healthcare worker	62	5	0	0
Men	2 - closed (phase 3 easing)	31 - 40	Household member of teacher	43	4	0	0
Men	2 - closed (phase 3 easing)	31 - 40	Neither	1704	167	2	0
Men	2 - closed (phase 3 easing)	31 - 40	Teacher	21	0	0	0
Men	3 - reopened	31 - 40	Healthcare worker	783	199	2	3
Men	3 - reopened	31 - 40	Household member of healthcare worker	2076	292	5	1
Men	3 - reopened	31 - 40	Household member of teacher	1938	228	3	0
Men	3 - reopened	31 - 40	Neither	62814	5726	157	43

Sex	Time period	Age group (years)	Group	Controls	Cases only	Hospitalised not severe	Severe
Men	3 - reopened	31 - 40	Teacher	682	127	2	0
Women	1 - pre closure	31 - 40	Healthcare worker	122	89	6	0
Women	1 - pre closure	31 - 40	Household member of healthcare worker	13	3	0	0
Women	1 - pre closure	31 - 40	Household member of teacher	18	2	0	0
Women	1 - pre closure	31 - 40	Neither	1828	60	38	9
Women	1 - pre closure	31 - 40	Teacher	104	1	1	1
Women	2 - closed (before phase 3 easing)	31 - 40	Healthcare worker	683	395	15	2
Women	2 - closed (before phase 3 easing)	31 - 40	Household member of healthcare worker	130	11	1	0
Women	2 - closed (before phase 3 easing)	31 - 40	Household member of teacher	89	2	0	0
Women	2 - closed (before phase 3 easing)	31 - 40	Neither	10875	708	75	13
Women	2 - closed (before phase 3 easing)	31 - 40	Teacher	445	9	2	0
Women	2 - closed (phase 3 easing)	31 - 40	Healthcare worker	91	4	1	0
Women	2 - closed (phase 3 easing)	31 - 40	Household member of healthcare worker	8	1	0	0
Women	2 - closed (phase 3 easing)	31 - 40	Household member of teacher	13	0	0	0
Women	2 - closed (phase 3 easing)	31 - 40	Neither	1343	128	6	1
Women	2 - closed (phase 3 easing)	31 - 40	Teacher	55	9	0	0
Women	3 - reopened	31 - 40	Healthcare worker	4313	916	25	2
Women	3 - reopened	31 - 40	Household member of healthcare worker	711	82	2	1
Women	3 - reopened	31 - 40	Household member of teacher	761	57	0	0
Women	3 - reopened	31 - 40	Neither	83842	7532	244	37
Women	3 - reopened	31 - 40	Teacher	3577	416	15	1
Men	1 - pre closure	41 - 50	Healthcare worker	50	54	10	2
Men	1 - pre closure	41 - 50	Household member of healthcare worker	85	21	7	1
Men	1 - pre closure	41 - 50	Household member of teacher	65	1	0	0
Men	1 - pre closure	41 - 50	Neither	2418	49	75	45
Men	1 - pre closure	41 - 50	Teacher	25	1	0	0
Men	2 - closed (before phase 3 easing)	41 - 50	Healthcare worker	105	130	14	2
Men	2 - closed (before phase 3 easing)	41 - 50	Household member of healthcare worker	231	35	10	1
Men	2 - closed (before phase 3 easing)	41 - 50	Household member of teacher	158	4	1	0
Men	2 - closed (before phase 3 easing)	41 - 50	Neither	5679	271	99	44
Men	2 - closed (before phase 3 easing)	41 - 50	Teacher	42	4	0	0

Sex	Time period	Age group (years)	Group	Controls	Cases only	Hospitalised not severe	Severe
Men	2 - closed (phase 3 easing)	41 - 50	Healthcare worker	30	5	1	0
Men	2 - closed (phase 3 easing)	41 - 50	Household member of healthcare worker	40	4	0	0
Men	2 - closed (phase 3 easing)	41 - 50	Household member of teacher	36	5	0	0
Men	2 - closed (phase 3 easing)	41 - 50	Neither	1416	119	9	4
Men	2 - closed (phase 3 easing)	41 - 50	Teacher	16	4	0	0
Men	3 - reopened	41 - 50	Healthcare worker	989	221	8	1
Men	3 - reopened	41 - 50	Household member of healthcare worker	1897	297	12	2
Men	3 - reopened	41 - 50	Household member of teacher	1652	199	9	2
Men	3 - reopened	41 - 50	Neither	60144	5256	285	89
Men	3 - reopened	41 - 50	Teacher	571	98	6	1
Women	1 - pre closure	41 - 50	Healthcare worker	206	113	14	6
Women	1 - pre closure	41 - 50	Household member of healthcare worker	32	7	2	0
Women	1 - pre closure	41 - 50	Household member of teacher	23	0	0	2
Women	1 - pre closure	41 - 50	Neither	2533	78	52	16
Women	1 - pre closure	41 - 50	Teacher	118	1	2	0
Women	2 - closed (before phase 3 easing)	41 - 50	Healthcare worker	859	420	34	3
Women	2 - closed (before phase 3 easing)	41 - 50	Household member of healthcare worker	138	26	1	2
Women	2 - closed (before phase 3 easing)	41 - 50	Household member of teacher	125	3	0	0
Women	2 - closed (before phase 3 easing)	41 - 50	Neither	12917	802	124	36
Women	2 - closed (before phase 3 easing)	41 - 50	Teacher	483	4	1	1
Women	2 - closed (phase 3 easing)	41 - 50	Healthcare worker	68	7	0	0
Women	2 - closed (phase 3 easing)	41 - 50	Household member of healthcare worker	6	0	0	0
Women	2 - closed (phase 3 easing)	41 - 50	Household member of teacher	9	1	0	0
Women	2 - closed (phase 3 easing)	41 - 50	Neither	1317	126	5	1
Women	2 - closed (phase 3 easing)	41 - 50	Teacher	51	5	0	0
Women	3 - reopened	41 - 50	Healthcare worker	4632	890	34	5
Women	3 - reopened	41 - 50	Household member of healthcare worker	763	84	4	1
Women	3 - reopened	41 - 50	Household member of teacher	658	67	3	0
Women	3 - reopened	41 - 50	Neither	78980	7006	303	73
Women	3 - reopened	41 - 50	Teacher	2817	330	11	0
Men	1 - pre closure	51 - 65	Healthcare worker	129	64	9	2

Sex	Time period	Age group (years)	Group	Controls	Cases only	Hospitalised not severe	Severe
Men	1 - pre closure	51 - 65	Household member of healthcare worker	233	35	17	9
Men	1 - pre closure	51 - 65	Household member of teacher	153	2	3	3
Men	1 - pre closure	51 - 65	Neither	5802	103	211	176
Men	1 - pre closure	51 - 65	Teacher	40	0	1	1
Men	2 - closed (before phase 3 easing)	51 - 65	Healthcare worker	229	142	20	7
Men	2 - closed (before phase 3 easing)	51 - 65	Household member of healthcare worker	460	66	20	15
Men	2 - closed (before phase 3 easing)	51 - 65	Household member of teacher	278	16	5	5
Men	2 - closed (before phase 3 easing)	51 - 65	Neither	12317	477	303	179
Men	2 - closed (before phase 3 easing)	51 - 65	Teacher	70	3	0	1
Men	2 - closed (phase 3 easing)	51 - 65	Healthcare worker	27	1	0	0
Men	2 - closed (phase 3 easing)	51 - 65	Household member of healthcare worker	57	7	0	1
Men	2 - closed (phase 3 easing)	51 - 65	Household member of teacher	35	5	1	0
Men	2 - closed (phase 3 easing)	51 - 65	Neither	1422	123	7	7
Men	2 - closed (phase 3 easing)	51 - 65	Teacher	6	2	0	0
Men	3 - reopened	51 - 65	Healthcare worker	1569	349	28	6
Men	3 - reopened	51 - 65	Household member of healthcare worker	3076	455	31	15
Men	3 - reopened	51 - 65	Household member of teacher	2271	271	21	8
Men	3 - reopened	51 - 65	Neither	94451	7638	809	435
Men	3 - reopened	51 - 65	Teacher	610	80	2	0
Women	1 - pre closure	51 - 65	Healthcare worker	346	149	11	8
Women	1 - pre closure	51 - 65	Household member of healthcare worker	71	10	0	1
Women	1 - pre closure	51 - 65	Household member of teacher	69	0	3	0
Women	1 - pre closure	51 - 65	Neither	4927	111	173	82
Women	1 - pre closure	51 - 65	Teacher	124	2	1	2
Women	2 - closed (before phase 3 easing)	51 - 65	Healthcare worker	1237	533	52	10
Women	2 - closed (before phase 3 easing)	51 - 65	Household member of healthcare worker	282	43	7	3
Women	2 - closed (before phase 3 easing)	51 - 65	Household member of teacher	265	5	5	1
Women	2 - closed (before phase 3 easing)	51 - 65	Neither	21077	1182	323	117
Women	2 - closed (before phase 3 easing)	51 - 65	Teacher	458	3	0	0
Women	2 - closed (phase 3 easing)	51 - 65	Healthcare worker	126	14	0	0
Women	2 - closed (phase 3 easing)	51 - 65	Household member of healthcare worker	28	0	0	0

Sex	Time period	Age group (years)	Group	Controls	Cases only	Hospitalised not severe	Severe
Women	2 - closed (phase 3 easing)	51 - 65	Household member of teacher	30	4	0	0
Women	2 - closed (phase 3 easing)	51 - 65	Neither	1752	159	10	4
Women	2 - closed (phase 3 easing)	51 - 65	Teacher	35	6	0	0
Women	3 - reopened	51 - 65	Healthcare worker	5896	1149	57	19
Women	3 - reopened	51 - 65	Household member of healthcare worker	1297	173	18	6
Women	3 - reopened	51 - 65	Household member of teacher	1462	170	10	1
Women	3 - reopened	51 - 65	Neither	111409	9341	754	239
Women	3 - reopened	51 - 65	Teacher	2257	245	8	2

Effect measure estimates

The following tables display the same effect estimates as shown Tables 2 and 3 of the main manuscript but broken down into age and sex strata (Table S2a and S2b), additional time periods (Tables S3a and S3b) or age and sex strata and additional time periods (Tables S4a and S4b). Please see footnotes of Tables 2 and 3 of the main manuscript for additional details.

Table S2a - Rate ratios for any case and hospitalisation with COVID-19 for teachers, healthcare workers and members of their households, entire time period, stratified by age and sex

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	Full period	Men	21 - 30	Any case	1	4.89 (4.25-5.62)	1.45 (1.31-1.61)	1.25 (1.09-1.42)	1.89 (1.51-2.36)
Adjusted	Full period	Men	21 - 30	Any case	1	4.95 (4.29-5.72)	1.27 (1.14-1.41)	1.12 (0.98-1.27)	1.87 (1.49-2.34)
Unadjusted	Full period	Men	21 - 30	Hospitalisation	1	7.87 (3.28-18.85)	1.79 (0.92-3.51)	0.71 (0.22-2.31)	1.96 (0.42-9.09)
Adjusted	Full period	Men	21 - 30	Hospitalisation	1	9.44 (3.66-24.34)	1.86 (0.92-3.76)	0.57 (0.15-2.18)	1.68 (0.32-8.75)
Unadjusted	Full period	Men	31 - 40	Any case	1	4.24 (3.73-4.82)	1.68 (1.51-1.88)	1.21 (1.06-1.38)	1.78 (1.48-2.15)
Adjusted	Full period	Men	31 - 40	Any case	1	4.28 (3.74-4.89)	1.51 (1.35-1.70)	1.11 (0.97-1.27)	1.78 (1.47-2.15)
Unadjusted	Full period	Men	31 - 40	Hospitalisation	1	4.02 (2.12-7.61)	2.07 (1.20-3.60)	0.48 (0.18-1.33)	1.13 (0.34-3.76)
Adjusted	Full period	Men	31 - 40	Hospitalisation	1	4.94 (2.44-10.01)	1.99 (1.12-3.53)	0.49 (0.18-1.38)	1.03 (0.30-3.54)
Unadjusted	Full period	Men	41 - 50	Any case	1	4.23 (3.78-4.74)	1.90 (1.70-2.12)	1.24 (1.08-1.43)	1.83 (1.50-2.24)
Adjusted	Full period	Men	41 - 50	Any case	1	4.23 (3.76-4.77)	1.51 (1.35-1.69)	1.02 (0.88-1.18)	1.86 (1.51-2.29)
Unadjusted	Full period	Men	41 - 50	Hospitalisation	1	3.28 (2.26-4.78)	1.57 (1.08-2.27)	0.92 (0.54-1.58)	1.24 (0.56-2.73)
Adjusted	Full period	Men	41 - 50	Hospitalisation	1	3.71 (2.51-5.49)	1.35 (0.91-2.01)	1.04 (0.59-1.81)	1.33 (0.58-3.05)
Unadjusted	Full period	Men	51 - 65	Any case	1	3.55 (3.23-3.90)	1.92 (1.76-2.08)	1.30 (1.17-1.46)	1.30 (1.04-1.62)
Adjusted	Full period	Men	51 - 65	Any case	1	3.46 (3.13-3.82)	1.47 (1.35-1.60)	0.97 (0.87-1.10)	1.19 (0.94-1.49)
Unadjusted	Full period	Men	51 - 65	Hospitalisation	1	1.96 (1.51-2.53)	1.54 (1.26-1.89)	0.96 (0.70-1.32)	0.37 (0.15-0.92)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Adjusted	Full period	Men	51 - 65	Hospitalisation	1	1.96 (1.50-2.56)	1.34 (1.09-1.67)	0.86 (0.62-1.19)	0.31 (0.12-0.78)
Unadjusted	Full period	Women	21 - 30	Any case	1	3.75 (3.51-4.01)	1.53 (1.36-1.71)	1.02 (0.88-1.18)	1.36 (1.22-1.52)
Adjusted	Full period	Women	21 - 30	Any case	1	3.85 (3.60-4.12)	1.33 (1.18-1.49)	0.89 (0.77-1.03)	1.39 (1.25-1.56)
Unadjusted	Full period	Women	21 - 30	Hospitalisation	1	2.93 (1.94-4.42)	0.99 (0.45-2.20)	0.54 (0.17-1.75)	0.86 (0.41-1.80)
Adjusted	Full period	Women	21 - 30	Hospitalisation	1	3.08 (2.00-4.76)	0.97 (0.42-2.23)	0.73 (0.21-2.51)	0.93 (0.43-2.02)
Unadjusted	Full period	Women	31 - 40	Any case	1	3.16 (2.97-3.37)	1.24 (1.02-1.52)	0.84 (0.67-1.06)	1.22 (1.11-1.35)
Adjusted	Full period	Women	31 - 40	Any case	1	3.29 (3.08-3.51)	1.09 (0.89-1.34)	0.76 (0.61-0.96)	1.31 (1.19-1.45)
Unadjusted	Full period	Women	31 - 40	Hospitalisation	1	2.33 (1.69-3.22)	1.16 (0.46-2.95)	0.21 (0.03-1.51)	1.14 (0.71-1.84)
Adjusted	Full period	Women	31 - 40	Hospitalisation	1	2.58 (1.83-3.64)	0.84 (0.31-2.26)	0.17 (0.02-1.36)	1.21 (0.74-1.99)
Unadjusted	Full period	Women	41 - 50	Any case	1	2.98 (2.80-3.17)	1.53 (1.28-1.83)	1.04 (0.84-1.28)	1.14 (1.02-1.28)
Adjusted	Full period	Women	41 - 50	Any case	1	3.00 (2.82-3.20)	1.25 (1.04-1.51)	0.85 (0.68-1.05)	1.13 (1.00-1.26)
Unadjusted	Full period	Women	41 - 50	Hospitalisation	1	2.61 (2.05-3.33)	1.60 (0.84-3.02)	1.06 (0.48-2.34)	0.74 (0.43-1.26)
Adjusted	Full period	Women	41 - 50	Hospitalisation	1	2.93 (2.26-3.80)	1.37 (0.69-2.74)	1.15 (0.50-2.62)	0.86 (0.49-1.49)
Unadjusted	Full period	Women	51 - 65	Any case	1	2.98 (2.82-3.14)	1.77 (1.56-2.01)	1.16 (1.01-1.33)	1.04 (0.92-1.18)
Adjusted	Full period	Women	51 - 65	Any case	1	2.98 (2.82-3.15)	1.36 (1.19-1.55)	0.87 (0.76-1.00)	1.01 (0.89-1.16)
Unadjusted	Full period	Women	51 - 65	Hospitalisation	1	1.76 (1.47-2.10)	1.70 (1.18-2.46)	0.90 (0.57-1.42)	0.42 (0.24-0.73)
Adjusted	Full period	Women	51 - 65	Hospitalisation	1	1.92 (1.60-2.32)	1.34 (0.90-1.99)	0.77 (0.48-1.25)	0.51 (0.29-0.90)

Table S2b Rate ratios for any case and hospitalisation with COVID-19 for teachers by sector, entire time period, stratified by age and sex

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	Full period	Men	21 - 30	Any case	1	2.13 (1.22-3.72)	1.97 (1.15-3.38)	1.71 (1.27-2.30)	2.78 (1.37-5.61)
Adjusted	Full period	Men	21 - 30	Any case	1	1.96 (1.11-3.47)	2.07 (1.19-3.60)	1.69 (1.25-2.28)	2.76 (1.34-5.65)
Unadjusted	Full period	Men	21 - 30	Hospitalisation	1	-	-	1.15 (0.14-9.36)	-
Adjusted	Full period	Men	21 - 30	Hospitalisation	1	-	-	0.78 (0.09-7.05)	-
Unadjusted	Full period	Men	31 - 40	Any case	1	1.52 (0.91-2.54)	1.86 (1.14-3.03)	1.83 (1.43-2.32)	1.81 (1.08-3.05)
Adjusted	Full period	Men	31 - 40	Any case	1	1.53 (0.91-2.57)	1.77 (1.07-2.93)	1.82 (1.42-2.33)	1.90 (1.11-3.24)
Unadjusted	Full period	Men	31 - 40	Hospitalisation	1	1.80 (0.22-15.01)	-	1.13 (0.26-4.91)	-
Adjusted	Full period	Men	31 - 40	Hospitalisation	1	1.78 (0.20-15.64)	-	0.99 (0.22-4.59)	-
Unadjusted	Full period	Men	41 - 50	Any case	1	1.43 (0.74-2.78)	3.40 (2.02-5.73)	1.50 (1.14-1.97)	2.48 (1.63-3.79)
Adjusted	Full period	Men	41 - 50	Any case	1	1.52 (0.77-3.00)	3.00 (1.73-5.19)	1.55 (1.16-2.06)	2.53 (1.63-3.93)
Unadjusted	Full period	Men	41 - 50	Hospitalisation	1	1.24 (0.16-9.95)	-	1.17 (0.41-3.34)	2.00 (0.44-9.16)
Adjusted	Full period	Men	41 - 50	Hospitalisation	1	1.16 (0.14-9.90)	-	1.24 (0.41-3.74)	2.64 (0.56-12.39)
Unadjusted	Full period	Men	51 - 65	Any case	1	1.98 (0.88-4.46)	0.60 (0.19-1.92)	1.39 (1.06-1.81)	1.11 (0.67-1.84)
Adjusted	Full period	Men	51 - 65	Any case	1	1.79 (0.77-4.13)	0.51 (0.16-1.65)	1.25 (0.95-1.64)	1.09 (0.65-1.84)
Unadjusted	Full period	Men	51 - 65	Hospitalisation	1	-	-	0.48 (0.18-1.32)	0.29 (0.04-2.16)
Adjusted	Full period	Men	51 - 65	Hospitalisation	1	-	-	0.41 (0.15-1.16)	0.21 (0.03-1.73)

Unadjusted	Full period	Women	21 - 30	Any case	1	1.23 (0.99-1.54)	1.58 (1.31-1.89)	1.30 (1.08-1.56)	1.24 (0.83-1.87)
Adjusted	Full period	Women	21 - 30	Any case	1	1.23 (0.99-1.54)	1.63 (1.36-1.96)	1.34 (1.11-1.62)	1.24 (0.82-1.87)
Unadjusted	Full period	Women	21 - 30	Hospitalisation	1	0.62 (0.08-4.72)	1.38 (0.53-3.58)	0.28 (0.04-2.06)	1.81 (0.22-15.11)
Adjusted	Full period	Women	21 - 30	Hospitalisation	1	0.73 (0.09-5.69)	1.57 (0.59-4.18)	0.25 (0.03-2.01)	1.81 (0.21-15.88)
Unadjusted	Full period	Women	31 - 40	Any case	1	1.13 (0.93-1.37)	1.36 (1.14-1.62)	1.17 (0.98-1.39)	1.26 (0.95-1.66)
Adjusted	Full period	Women	31 - 40	Any case	1	1.23 (1.01-1.50)	1.49 (1.24-1.78)	1.23 (1.03-1.47)	1.32 (0.99-1.75)
Unadjusted	Full period	Women	31 - 40	Hospitalisation	1	0.68 (0.21-2.19)	0.59 (0.18-1.90)	1.69 (0.86-3.32)	2.00 (0.68-5.86)
Adjusted	Full period	Women	31 - 40	Hospitalisation	1	0.71 (0.21-2.34)	0.58 (0.17-1.92)	1.85 (0.91-3.76)	2.51 (0.81-7.79)
Unadjusted	Full period	Women	41 - 50	Any case	1	0.99 (0.79-1.25)	1.38 (1.12-1.70)	1.11 (0.91-1.35)	1.12 (0.85-1.46)
Adjusted	Full period	Women	41 - 50	Any case	1	0.97 (0.77-1.22)	1.37 (1.10-1.70)	1.11 (0.91-1.35)	1.09 (0.83-1.44)
Unadjusted	Full period	Women	41 - 50	Hospitalisation	1	0.22 (0.03-1.59)	0.52 (0.16-1.65)	0.87 (0.37-2.01)	1.70 (0.66-4.39)
Adjusted	Full period	Women	41 - 50	Hospitalisation	1	0.36 (0.05-2.69)	0.46 (0.13-1.56)	1.14 (0.48-2.68)	1.57 (0.59-4.19)
Unadjusted	Full period	Women	51 - 65	Any case	1	1.08 (0.84-1.38)	1.45 (1.15-1.81)	0.83 (0.65-1.06)	0.85 (0.63-1.16)
Adjusted	Full period	Women	51 - 65	Any case	1	1.04 (0.81-1.34)	1.35 (1.07-1.71)	0.82 (0.63-1.05)	0.89 (0.65-1.21)
Unadjusted	Full period	Women	51 - 65	Hospitalisation	1	0.30 (0.07-1.23)	0.28 (0.07-1.16)	0.67 (0.31-1.45)	0.29 (0.07-1.19)
Adjusted	Full period	Women	51 - 65	Hospitalisation	1	0.33 (0.08-1.36)	0.32 (0.08-1.31)	0.88 (0.40-1.92)	0.40 (0.10-1.65)

Table S3a - Rate ratios for any case, hospitalisation with COVID-19 and severe COVID-19 for teachers, healthcare workers and members of their households, stratified by time period

Adjustment	Time period	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	1 - pre closure	Any case	1	11.12 (9.85-12.55)	4.15 (3.45-4.99)	0.82 (0.58-1.16)	0.57 (0.36-0.92)
Adjusted	1 - pre closure	Any case	1	11.41 (10.07-12.92)	3.92 (3.25-4.73)	0.78 (0.55-1.11)	0.57 (0.36-0.92)
Unadjusted	1 - pre closure	Hospitalisation	1	2.23 (1.72-2.88)	1.70 (1.22-2.36)	0.66 (0.38-1.15)	0.87 (0.49-1.56)
Adjusted	1 - pre closure	Hospitalisation	1	2.32 (1.78-3.02)	1.49 (1.06-2.10)	0.67 (0.38-1.17)	0.95 (0.53-1.70)
Unadjusted	1 - pre closure	Severe	1	1.99 (1.22-3.25)	1.57 (0.84-2.93)	0.86 (0.37-2.00)	0.91 (0.32-2.57)
Adjusted	1 - pre closure	Severe	1	2.11 (1.27-3.51)	1.49 (0.78-2.85)	0.81 (0.34-1.92)	0.95 (0.33-2.71)
Unadjusted	2 - closed (before phase 3 easing)	Any case	1	9.49 (8.93-10.10)	2.50 (2.22-2.81)	0.73 (0.59-0.90)	0.27 (0.19-0.37)
Adjusted	2 - closed (before phase 3 easing)	Any case	1	9.80 (9.20-10.43)	2.33 (2.07-2.63)	0.71 (0.58-0.88)	0.29 (0.21-0.40)
Unadjusted	2 - closed (before phase 3 easing)	Hospitalisation	1	3.47 (2.89-4.15)	2.32 (1.80-2.98)	0.67 (0.41-1.09)	0.21 (0.09-0.51)
Adjusted	2 - closed (before phase 3 easing)	Hospitalisation	1	3.92 (3.25-4.74)	2.24 (1.72-2.93)	0.64 (0.39-1.06)	0.24 (0.10-0.59)
Unadjusted	2 - closed (before phase 3 easing)	Severe	1	2.05 (1.33-3.17)	2.26 (1.43-3.57)	0.94 (0.40-2.17)	0.34 (0.08-1.39)
Adjusted	2 - closed (before phase 3 easing)	Severe	1	2.15 (1.35-3.42)	2.59 (1.57-4.30)	0.88 (0.36-2.18)	0.43 (0.10-1.86)
Unadjusted	2 - closed (phase 3 easing)	Any case	1	1.11 (0.83-1.48)	1.02 (0.74-1.40)	1.28 (0.91-1.79)	1.37 (0.96-1.96)
Adjusted	2 - closed (phase 3 easing)	Any case	1	1.05 (0.79-1.41)	0.89 (0.65-1.23)	1.10 (0.78-1.55)	1.29 (0.90-1.85)
Unadjusted	2 - closed (phase 3 easing)	Hospitalisation	1	1.20 (0.34-4.25)	0.69 (0.09-5.35)	0.47 (0.06-3.56)	-
Adjusted	2 - closed (phase 3 easing)	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Severe	1	-	-	-	-

Adjustment	Time period	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Adjusted	2 - closed (phase 3 easing)	Severe	1	-	-	-	-
Unadjusted	3 - reopened	Any case	1	2.41 (2.33-2.49)	1.54 (1.47-1.61)	1.22 (1.16-1.29)	1.41 (1.34-1.49)
Adjusted	3 - reopened	Any case	1	2.41 (2.33-2.49)	1.25 (1.20-1.31)	1.01 (0.95-1.06)	1.42 (1.35-1.49)
Unadjusted	3 - reopened	Hospitalisation	1	1.71 (1.47-2.00)	1.25 (1.02-1.54)	1.00 (0.77-1.30)	0.89 (0.67-1.18)
Adjusted	3 - reopened	Hospitalisation	1	1.82 (1.55-2.14)	1.04 (0.83-1.29)	0.97 (0.74-1.27)	0.97 (0.72-1.29)
Unadjusted	3 - reopened	Severe	1	1.44 (1.02-2.05)	1.33 (0.90-1.97)	0.68 (0.38-1.23)	0.30 (0.11-0.81)
Adjusted	3 - reopened	Severe	1	1.76 (1.22-2.56)	1.13 (0.74-1.73)	0.67 (0.36-1.24)	0.27 (0.09-0.77)

Table S3b Rate ratios for any case and hospitalisation with COVID-19 for teachers by sector, stratified by time period

Adjustment	Time period	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	1 - pre closure	Any case	1	0.12 (0.02-0.89)	0.71 (0.26-1.97)	0.71 (0.36-1.41)	0.73 (0.29-1.87)
Adjusted	1 - pre closure	Any case	1	0.13 (0.02-0.94)	0.67 (0.24-1.86)	0.71 (0.36-1.40)	0.76 (0.30-1.94)
Unadjusted	1 - pre closure	Hospitalisation	1	-	1.46 (0.51-4.16)	1.03 (0.44-2.39)	0.91 (0.27-3.05)
Adjusted	1 - pre closure	Hospitalisation	1	-	1.60 (0.55-4.64)	1.11 (0.47-2.61)	0.99 (0.29-3.39)
Unadjusted	2 - closed (before phase 3 easing)	Any case	1	0.26 (0.13-0.51)	0.28 (0.15-0.53)	0.22 (0.12-0.40)	0.38 (0.18-0.80)
Adjusted	2 - closed (before phase 3 easing)	Any case	1	0.28 (0.15-0.55)	0.30 (0.16-0.57)	0.23 (0.13-0.43)	0.40 (0.19-0.86)
Unadjusted	2 - closed (before phase 3 easing)	Hospitalisation	1	0.49 (0.12-2.04)	-	0.22 (0.05-0.87)	0.28 (0.04-2.05)
Adjusted	2 - closed (before phase 3 easing)	Hospitalisation	1	0.55 (0.13-2.35)	-	0.25 (0.06-1.01)	0.33 (0.04-2.41)
Unadjusted	2 - closed (phase 3 easing)	Any case	1	0.99 (0.45-2.17)	1.58 (0.78-3.20)	0.92 (0.47-1.84)	3.03 (1.52-6.03)
Adjusted	2 - closed (phase 3 easing)	Any case	1	0.94 (0.43-2.07)	1.64 (0.80-3.36)	0.85 (0.42-1.70)	2.54 (1.26-5.14)
Unadjusted	2 - closed (phase 3 easing)	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Hospitalisation	1	-	-	-	-
Unadjusted	3 - reopened	Any case	1	1.30 (1.17-1.44)	1.64 (1.49-1.80)	1.38 (1.28-1.50)	1.30 (1.14-1.49)
Adjusted	3 - reopened	Any case	1	1.30 (1.17-1.45)	1.66 (1.50-1.83)	1.39 (1.27-1.51)	1.31 (1.14-1.51)
Unadjusted	3 - reopened	Hospitalisation	1	0.57 (0.27-1.22)	0.73 (0.38-1.38)	1.06 (0.71-1.58)	1.08 (0.58-2.01)
Adjusted	3 - reopened	Hospitalisation	1	0.61 (0.28-1.33)	0.72 (0.37-1.40)	1.22 (0.81-1.86)	1.17 (0.60-2.27)

Table S4a - Rate ratios for any case and hospitalisation with COVID-19 for teachers, healthcare workers and members of their households, stratified by time period, age and sex

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	1 - pre closure	Men	21 - 30	Hospitalisation	1	2.21 (0.21-22.98)	2.99 (0.54-16.44)	-	5.51 (0.49-61.45)
Unadjusted	1 - pre closure	Men	31 - 40	Hospitalisation	1	6.57 (2.07-20.90)	1.14 (0.26-5.07)	0.57 (0.07-4.32)	2.62 (0.29-23.71)
Unadjusted	1 - pre closure	Men	41 - 50	Hospitalisation	1	6.02 (2.89-12.57)	2.25 (1.02-5.00)	0.53 (0.12-2.36)	-
Unadjusted	1 - pre closure	Men	51 - 65	Hospitalisation	1	1.42 (0.75-2.69)	1.85 (1.21-2.84)	0.62 (0.27-1.43)	0.74 (0.17-3.17)
Unadjusted	1 - pre closure	Women	21 - 30	Hospitalisation	1	2.98 (0.92-9.67)	0.84 (0.10-6.69)	-	2.13 (0.44-10.33)
Unadjusted	1 - pre closure	Women	31 - 40	Hospitalisation	1	2.52 (0.99-6.41)	-	-	1.23 (0.27-5.50)
Unadjusted	1 - pre closure	Women	41 - 50	Hospitalisation	1	3.32 (1.90-5.79)	1.97 (0.42-9.24)	2.16 (0.45-10.30)	0.92 (0.21-3.94)
Unadjusted	1 - pre closure	Women	51 - 65	Hospitalisation	1	1.33 (0.80-2.19)	0.83 (0.19-3.57)	0.84 (0.26-2.75)	0.51 (0.16-1.67)
Unadjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Hospitalisation	1	6.93 (1.21-39.89)	9.32 (3.13-27.72)	1.19 (0.14-10.14)	-
Unadjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Hospitalisation	1	5.58 (1.82-17.14)	9.14 (3.42-24.44)	-	-
Unadjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Hospitalisation	1	6.07 (3.20-11.53)	1.91 (0.98-3.74)	0.52 (0.12-2.24)	-
Unadjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Hospitalisation	1	3.36 (2.14-5.28)	2.09 (1.44-3.04)	0.87 (0.44-1.74)	0.35 (0.05-2.60)
Unadjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Hospitalisation	1	6.56 (3.15-13.66)	1.44 (0.31-6.76)	-	-
Unadjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Hospitalisation	1	3.50 (1.91-6.41)	0.81 (0.11-6.25)	-	0.56 (0.13-2.34)
Unadjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Hospitalisation	1	3.62 (2.42-5.43)	3.01 (1.00-9.06)	-	0.32 (0.08-1.31)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Hospitalisation	1	2.66 (1.97-3.58)	1.74 (0.85-3.56)	0.90 (0.38-2.12)	-
Unadjusted	2 - closed (phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	51 - 65	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	51 - 65	Hospitalisation	1	-	-	-	-
Unadjusted	3 - reopened	Men	21 - 30	Hospitalisation	1	14.41 (4.17-49.82)	0.44 (0.10-1.86)	0.82 (0.19-3.49)	2.47 (0.28-21.97)
Unadjusted	3 - reopened	Men	31 - 40	Hospitalisation	1	2.24 (0.73-6.82)	1.04 (0.41-2.62)	0.58 (0.18-1.89)	1.02 (0.24-4.39)
Unadjusted	3 - reopened	Men	41 - 50	Hospitalisation	1	1.41 (0.69-2.85)	1.30 (0.75-2.25)	1.24 (0.66-2.34)	1.99 (0.87-4.53)
Unadjusted	3 - reopened	Men	51 - 65	Hospitalisation	1	1.66 (1.15-2.40)	1.19 (0.88-1.62)	1.11 (0.75-1.65)	0.26 (0.06-1.04)
Unadjusted	3 - reopened	Women	21 - 30	Hospitalisation	1	1.79 (0.97-3.30)	0.87 (0.30-2.48)	1.05 (0.31-3.48)	0.91 (0.39-2.15)
Unadjusted	3 - reopened	Women	31 - 40	Hospitalisation	1	1.95 (1.27-3.00)	1.49 (0.52-4.31)	0.34 (0.05-2.50)	1.33 (0.78-2.28)
Unadjusted	3 - reopened	Women	41 - 50	Hospitalisation	1	1.89 (1.31-2.74)	1.13 (0.45-2.86)	1.28 (0.49-3.29)	0.95 (0.50-1.77)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	3 - reopened	Women	51 - 65	Hospitalisation	1	1.49 (1.15-1.92)	1.87 (1.20-2.93)	0.90 (0.49-1.68)	0.57 (0.30-1.09)
Adjusted	1 - pre closure	Men	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	1 - pre closure	Men	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	1 - pre closure	Men	41 - 50	Hospitalisation	1	6.86 (3.15-14.94)	2.12 (0.93-4.85)	0.51 (0.11-2.38)	-
Adjusted	1 - pre closure	Men	51 - 65	Hospitalisation	1	1.48 (0.77-2.83)	1.66 (1.07-2.59)	0.59 (0.25-1.37)	0.65 (0.15-2.82)
Adjusted	1 - pre closure	Women	21 - 30	Hospitalisation	1	5.42 (1.36-21.66)	1.09 (0.11-10.80)	-	2.59 (0.44-15.39)
Adjusted	1 - pre closure	Women	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	1 - pre closure	Women	41 - 50	Hospitalisation	1	-	-	-	-
Adjusted	1 - pre closure	Women	51 - 65	Hospitalisation	1	1.47 (0.88-2.48)	0.65 (0.14-2.99)	0.87 (0.26-2.98)	0.66 (0.20-2.24)
Adjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Hospitalisation	1	6.23 (3.16-12.28)	1.58 (0.76-3.29)	0.68 (0.15-3.06)	-
Adjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Hospitalisation	1	3.65 (2.28-5.84)	2.07 (1.40-3.07)	0.78 (0.38-1.62)	0.43 (0.06-3.23)
Adjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Hospitalisation	1	4.21 (2.20-8.08)	0.96 (0.12-7.69)	-	0.63 (0.15-2.72)
Adjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Hospitalisation	1	4.81 (3.10-7.45)	2.10 (0.60-7.39)	-	0.41 (0.10-1.75)
Adjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Hospitalisation	1	3.00 (2.20-4.09)	1.52 (0.71-3.25)	0.90 (0.37-2.17)	-
Adjusted	2 - closed (phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Adjusted	2 - closed (phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Men	51 - 65	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Women	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Women	41 - 50	Hospitalisation	1	-	-	-	-
Adjusted	3 - reopened	Men	21 - 30	Hospitalisation	1	15.32 (3.93-59.82)	0.40 (0.09-1.82)	0.77 (0.14-4.35)	1.31 (0.13-13.39)
Adjusted	3 - reopened	Men	31 - 40	Hospitalisation	1	3.05 (0.92-10.04)	1.04 (0.40-2.70)	0.64 (0.19-2.10)	0.99 (0.22-4.49)
Adjusted	3 - reopened	Men	41 - 50	Hospitalisation	1	1.67 (0.80-3.49)	1.06 (0.57-1.95)	1.39 (0.72-2.71)	2.51 (1.03-6.12)
Adjusted	3 - reopened	Men	51 - 65	Hospitalisation	1	1.64 (1.11-2.43)	1.00 (0.73-1.38)	1.01 (0.67-1.54)	0.18 (0.04-0.77)
Adjusted	3 - reopened	Women	21 - 30	Hospitalisation	1	1.76 (0.93-3.32)	0.87 (0.30-2.57)	1.29 (0.37-4.48)	1.00 (0.41-2.45)
Adjusted	3 - reopened	Women	31 - 40	Hospitalisation	1	2.16 (1.36-3.41)	0.90 (0.29-2.83)	0.29 (0.03-2.61)	1.42 (0.80-2.51)
Adjusted	3 - reopened	Women	41 - 50	Hospitalisation	1	2.13 (1.43-3.17)	1.12 (0.42-3.00)	1.51 (0.56-4.10)	1.04 (0.53-2.02)
Adjusted	3 - reopened	Women	51 - 65	Hospitalisation	1	1.62 (1.24-2.12)	1.39 (0.85-2.26)	0.68 (0.35-1.30)	0.72 (0.38-1.40)
Unadjusted	1 - pre closure	Men	21 - 30	Any case	1	60.07 (24.47-147.41)	6.06 (2.98-12.31)	3.54 (1.09-11.51)	2.85 (0.52-15.50)
Unadjusted	1 - pre closure	Men	31 - 40	Any case	1	26.67 (13.96-50.95)	7.50 (4.47-12.58)	0.79 (0.27-2.26)	1.17 (0.15-9.24)
Unadjusted	1 - pre closure	Men	41 - 50	Any case	1	22.54 (14.42-35.24)	5.54 (3.48-8.83)	0.40 (0.11-1.46)	0.58 (0.07-4.54)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	1 - pre closure	Men	51 - 65	Any case	1	7.21 (5.31-9.78)	3.20 (2.37-4.31)	0.61 (0.31-1.18)	0.52 (0.12-2.19)
Unadjusted	1 - pre closure	Women	21 - 30	Any case	1	20.69 (12.99-32.97)	4.54 (2.15-9.58)	0.22 (0.02-2.09)	0.72 (0.17-3.11)
Unadjusted	1 - pre closure	Women	31 - 40	Any case	1	12.88 (9.08-18.25)	3.92 (1.24-12.43)	1.21 (0.42-3.48)	0.51 (0.16-1.64)
Unadjusted	1 - pre closure	Women	41 - 50	Any case	1	11.41 (8.54-15.24)	4.45 (2.08-9.54)	1.73 (0.62-4.82)	0.44 (0.14-1.40)
Unadjusted	1 - pre closure	Women	51 - 65	Any case	1	6.96 (5.58-8.68)	3.08 (1.69-5.60)	0.79 (0.33-1.89)	0.50 (0.20-1.25)
Unadjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Any case	1	24.55 (16.45-36.64)	2.84 (1.92-4.21)	0.78 (0.36-1.66)	0.50 (0.07-3.79)
Unadjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Any case	1	24.22 (16.83-34.85)	3.74 (2.60-5.38)	0.55 (0.25-1.24)	0.44 (0.11-1.85)
Unadjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Any case	1	22.04 (16.35-29.72)	3.03 (2.17-4.24)	0.52 (0.24-1.12)	1.21 (0.42-3.47)
Unadjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Any case	1	10.47 (8.37-13.10)	2.90 (2.32-3.63)	1.14 (0.77-1.71)	0.68 (0.25-1.88)
Unadjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Any case	1	13.31 (11.35-15.62)	1.49 (1.03-2.15)	0.60 (0.32-1.10)	0.27 (0.12-0.60)
Unadjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Any case	1	9.17 (7.87-10.68)	1.24 (0.68-2.25)	0.86 (0.43-1.72)	0.36 (0.19-0.65)
Unadjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Any case	1	7.46 (6.51-8.54)	2.92 (1.95-4.39)	0.68 (0.34-1.36)	0.17 (0.07-0.37)
Unadjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Any case	1	6.63 (5.91-7.44)	2.50 (1.85-3.38)	0.64 (0.41-1.01)	0.09 (0.03-0.27)
Unadjusted	2 - closed (phase 3 easing)	Men	21 - 30	Any case	1	0.58 (0.14-2.40)	1.02 (0.59-1.76)	1.07 (0.55-2.08)	1.36 (0.47-3.90)
Unadjusted	2 - closed (phase 3 easing)	Men	31 - 40	Any case	1	1.27 (0.37-4.33)	0.79 (0.31-1.99)	1.07 (0.42-2.73)	-
Unadjusted	2 - closed (phase 3 easing)	Men	41 - 50	Any case	1	2.01 (0.82-4.92)	1.06 (0.37-3.02)	1.26 (0.48-3.27)	3.34 (1.03-10.85)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Unadjusted	2 - closed (phase 3 easing)	Men	51 - 65	Any case	1	0.36 (0.05-2.72)	1.58 (0.77-3.26)	1.74 (0.72-4.18)	3.24 (0.65-16.13)
Unadjusted	2 - closed (phase 3 easing)	Women	21 - 30	Any case	1	1.75 (1.02-3.00)	1.13 (0.54-2.37)	1.95 (0.94-4.06)	1.16 (0.49-2.75)
Unadjusted	2 - closed (phase 3 easing)	Women	31 - 40	Any case	1	0.52 (0.21-1.33)	1.15 (0.14-9.21)	-	1.56 (0.76-3.22)
Unadjusted	2 - closed (phase 3 easing)	Women	41 - 50	Any case	1	1.02 (0.46-2.25)	-	1.00 (0.12-8.11)	0.98 (0.38-2.53)
Unadjusted	2 - closed (phase 3 easing)	Women	51 - 65	Any case	1	1.13 (0.64-2.00)	0.32 (0.04-2.38)	1.38 (0.47-4.00)	1.77 (0.74-4.24)
Unadjusted	3 - reopened	Men	21 - 30	Any case	1	3.33 (2.80-3.96)	1.37 (1.22-1.53)	1.27 (1.11-1.46)	1.97 (1.56-2.49)
Unadjusted	3 - reopened	Men	31 - 40	Any case	1	2.78 (2.38-3.26)	1.49 (1.32-1.69)	1.27 (1.11-1.46)	1.94 (1.60-2.35)
Unadjusted	3 - reopened	Men	41 - 50	Any case	1	2.47 (2.13-2.86)	1.74 (1.54-1.96)	1.34 (1.16-1.55)	1.89 (1.53-2.33)
Unadjusted	3 - reopened	Men	51 - 65	Any case	1	2.60 (2.32-2.92)	1.73 (1.57-1.90)	1.37 (1.21-1.54)	1.39 (1.10-1.76)
Unadjusted	3 - reopened	Women	21 - 30	Any case	1	2.63 (2.43-2.85)	1.51 (1.34-1.70)	1.06 (0.91-1.23)	1.47 (1.31-1.64)
Unadjusted	3 - reopened	Women	31 - 40	Any case	1	2.38 (2.21-2.56)	1.21 (0.97-1.51)	0.83 (0.65-1.06)	1.31 (1.18-1.45)
Unadjusted	3 - reopened	Women	41 - 50	Any case	1	2.16 (2.00-2.33)	1.28 (1.04-1.58)	1.10 (0.87-1.38)	1.30 (1.16-1.46)
Unadjusted	3 - reopened	Women	51 - 65	Any case	1	2.25 (2.11-2.41)	1.65 (1.43-1.92)	1.27 (1.10-1.48)	1.21 (1.06-1.38)
Adjusted	1 - pre closure	Men	21 - 30	Any case	1	71.04 (27.27-185.04)	6.18 (2.90-13.18)	3.51 (1.07-11.53)	4.08 (0.65-25.65)
Adjusted	1 - pre closure	Men	31 - 40	Any case	1	27.11 (13.79-53.28)	6.76 (3.96-11.54)	0.72 (0.26-2.02)	1.03 (0.13-8.31)
Adjusted	1 - pre closure	Men	41 - 50	Any case	1	23.94 (15.07-38.04)	5.31 (3.29-8.58)	0.35 (0.09-1.30)	0.55 (0.07-4.29)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Adjusted	1 - pre closure	Men	51 - 65	Any case	1	7.29 (5.32-9.98)	2.92 (2.15-3.98)	0.56 (0.29-1.09)	0.48 (0.11-2.05)
Adjusted	1 - pre closure	Women	21 - 30	Any case	1	23.69 (14.42-38.91)	4.90 (2.29-10.51)	0.32 (0.03-3.28)	0.72 (0.16-3.19)
Adjusted	1 - pre closure	Women	31 - 40	Any case	1	13.10 (9.11-18.83)	3.44 (1.04-11.37)	1.28 (0.44-3.73)	0.51 (0.16-1.64)
Adjusted	1 - pre closure	Women	41 - 50	Any case	1	11.42 (8.51-15.32)	4.15 (1.90-9.07)	1.72 (0.62-4.78)	0.45 (0.14-1.47)
Adjusted	1 - pre closure	Women	51 - 65	Any case	1	7.41 (5.89-9.33)	3.04 (1.63-5.67)	0.70 (0.28-1.72)	0.57 (0.23-1.42)
Adjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Any case	1	25.00 (16.65-37.55)	2.47 (1.66-3.69)	0.69 (0.32-1.51)	0.49 (0.06-3.73)
Adjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Any case	1	25.72 (17.65-37.49)	3.37 (2.32-4.91)	0.55 (0.24-1.23)	0.47 (0.11-1.97)
Adjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Any case	1	23.01 (16.91-31.30)	2.55 (1.81-3.61)	0.50 (0.23-1.08)	1.22 (0.41-3.62)
Adjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Any case	1	10.66 (8.46-13.44)	2.60 (2.06-3.28)	1.04 (0.69-1.56)	0.75 (0.27-2.10)
Adjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Any case	1	13.58 (11.54-15.97)	1.40 (0.96-2.02)	0.57 (0.31-1.06)	0.26 (0.12-0.60)
Adjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Any case	1	9.74 (8.32-11.39)	1.24 (0.68-2.27)	0.88 (0.43-1.80)	0.40 (0.22-0.73)
Adjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Any case	1	7.70 (6.70-8.85)	2.89 (1.92-4.37)	0.65 (0.32-1.33)	0.18 (0.08-0.41)
Adjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Any case	1	6.76 (6.01-7.60)	2.39 (1.76-3.24)	0.63 (0.40-0.99)	0.10 (0.03-0.30)
Adjusted	2 - closed (phase 3 easing)	Men	21 - 30	Any case	1	0.53 (0.13-2.26)	0.94 (0.54-1.63)	0.92 (0.47-1.81)	1.27 (0.44-3.71)
Adjusted	2 - closed (phase 3 easing)	Men	31 - 40	Any case	1	1.29 (0.37-4.45)	0.72 (0.28-1.83)	0.98 (0.38-2.54)	-
Adjusted	2 - closed (phase 3 easing)	Men	51 - 65	Any case	1	0.36 (0.05-2.78)	1.20 (0.57-2.53)	1.27 (0.51-3.17)	2.42 (0.45-12.93)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Healthcare worker	Household member of healthcare worker	Household member of teacher	Teacher
Adjusted	2 - closed (phase 3 easing)	Women	21 - 30	Any case	1	1.76 (1.02-3.06)	1.00 (0.47-2.11)	1.67 (0.79-3.53)	1.16 (0.49-2.77)
Adjusted	2 - closed (phase 3 easing)	Women	31 - 40	Any case	1	0.50 (0.19-1.31)	0.86 (0.10-7.34)	-	1.61 (0.75-3.44)
Adjusted	2 - closed (phase 3 easing)	Women	41 - 50	Any case	1	0.93 (0.41-2.07)	-	1.34 (0.16-11.44)	0.82 (0.31-2.17)
Adjusted	3 - reopened	Men	21 - 30	Any case	1	3.38 (2.83-4.02)	1.19 (1.06-1.34)	1.14 (0.99-1.31)	1.96 (1.54-2.49)
Adjusted	3 - reopened	Men	31 - 40	Any case	1	2.74 (2.33-3.23)	1.33 (1.18-1.51)	1.16 (1.01-1.33)	1.94 (1.59-2.35)
Adjusted	3 - reopened	Men	41 - 50	Any case	1	2.35 (2.02-2.75)	1.35 (1.19-1.53)	1.07 (0.92-1.25)	1.95 (1.56-2.43)
Adjusted	3 - reopened	Men	51 - 65	Any case	1	2.50 (2.22-2.83)	1.30 (1.17-1.43)	0.99 (0.87-1.13)	1.25 (0.98-1.59)
Adjusted	3 - reopened	Women	21 - 30	Any case	1	2.69 (2.48-2.92)	1.29 (1.14-1.46)	0.92 (0.79-1.07)	1.51 (1.35-1.69)
Adjusted	3 - reopened	Women	31 - 40	Any case	1	2.42 (2.24-2.62)	1.04 (0.83-1.30)	0.74 (0.57-0.95)	1.41 (1.27-1.57)
Adjusted	3 - reopened	Women	41 - 50	Any case	1	2.14 (1.98-2.32)	1.01 (0.81-1.26)	0.87 (0.69-1.10)	1.26 (1.12-1.43)
Adjusted	3 - reopened	Women	51 - 65	Any case	1	2.24 (2.09-2.40)	1.22 (1.05-1.42)	0.91 (0.78-1.06)	1.16 (1.01-1.33)

Table S4b Rate ratios for any case and hospitalisation with COVID-19 for teachers by sector, stratified by time period, age and sex

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	1 - pre closure	Men	21 - 30	Any case	1	-	15.94 (0.91-278.20)	-	11.01 (0.18-682.10)
Adjusted	1 - pre closure	Men	21 - 30	Any case	1	-	28.54 (1.49-545.24)	-	14.72 (0.10-2081.40)
Unadjusted	1 - pre closure	Men	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	1 - pre closure	Men	21 - 30	Hospitalisation	1	-	-	-	-
Unadjusted	1 - pre closure	Men	31 - 40	Any case	1	-	-	1.81 (0.22-14.98)	-
Adjusted	1 - pre closure	Men	31 - 40	Any case	1	-	-	1.53 (0.18-13.21)	-
Unadjusted	1 - pre closure	Men	31 - 40	Hospitalisation	1	-	-	3.18 (0.33-30.75)	-
Adjusted	1 - pre closure	Men	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	1 - pre closure	Men	41 - 50	Any case	1	-	-	-	1.55 (0.15-16.04)
Adjusted	1 - pre closure	Men	41 - 50	Any case	1	-	-	-	2.02 (0.20-20.01)
Unadjusted	1 - pre closure	Men	41 - 50	Hospitalisation	1	-	-	-	-
Adjusted	1 - pre closure	Men	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	1 - pre closure	Men	51 - 65	Any case	1	-	-	0.50 (0.07-3.69)	0.92 (0.10-8.32)
Adjusted	1 - pre closure	Men	51 - 65	Any case	1	-	-	0.46 (0.06-3.43)	0.89 (0.10-8.40)
Unadjusted	1 - pre closure	Men	51 - 65	Hospitalisation	1	-	-	0.82 (0.11-6.38)	1.26 (0.14-11.17)
Adjusted	1 - pre closure	Men	51 - 65	Hospitalisation	1	-	-	0.70 (0.09-5.55)	1.22 (0.13-11.26)
Unadjusted	1 - pre closure	Women	21 - 30	Any case	1	-	2.48 (0.54-11.48)	-	-
Adjusted	1 - pre closure	Women	21 - 30	Any case	1	-	2.25 (0.47-10.73)	-	-

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	1 - pre closure	Women	21 - 30	Hospitalisation	1	-	4.85 (0.88-26.64)	-	-
Adjusted	1 - pre closure	Women	21 - 30	Hospitalisation	1	-	5.13 (0.72-36.36)	-	-
Unadjusted	1 - pre closure	Women	31 - 40	Any case	1	0.51 (0.07-3.87)	-	0.46 (0.06-3.39)	1.78 (0.23-13.97)
Adjusted	1 - pre closure	Women	31 - 40	Any case	1	0.49 (0.06-3.69)	-	0.49 (0.07-3.68)	2.01 (0.25-15.92)
Unadjusted	1 - pre closure	Women	31 - 40	Hospitalisation	1	-	-	1.82 (0.22-15.24)	3.79 (0.39-36.90)
Adjusted	1 - pre closure	Women	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	1 - pre closure	Women	41 - 50	Any case	1	-	0.90 (0.12-6.75)	1.00 (0.23-4.33)	-
Adjusted	1 - pre closure	Women	41 - 50	Any case	1	-	0.88 (0.12-6.68)	0.99 (0.23-4.37)	-
Unadjusted	1 - pre closure	Women	41 - 50	Hospitalisation	1	-	2.45 (0.28-21.13)	1.61 (0.20-13.14)	-
Adjusted	1 - pre closure	Women	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	1 - pre closure	Women	51 - 65	Any case	1	-	-	1.09 (0.39-3.09)	0.41 (0.05-3.14)
Adjusted	1 - pre closure	Women	51 - 65	Any case	1	-	-	1.18 (0.41-3.36)	0.41 (0.05-3.15)
Unadjusted	1 - pre closure	Women	51 - 65	Hospitalisation	1	-	-	0.89 (0.21-3.80)	0.74 (0.09-6.05)
Adjusted	1 - pre closure	Women	51 - 65	Hospitalisation	1	-	-	1.15 (0.26-5.13)	0.75 (0.09-6.41)
Unadjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Any case	1	2.39 (0.28-20.66)	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Any case	1	2.10 (0.23-19.30)	-	-	-
Unadjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Any case	1	-	-	0.78 (0.18-3.33)	-
Adjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Any case	1	-	-	0.82 (0.19-3.56)	-
Unadjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Any case	1	-	2.10 (0.22-20.20)	0.49 (0.06-3.67)	4.44 (0.87-22.69)
Adjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Any case	1	-	2.05 (0.19-21.54)	0.46 (0.06-3.62)	5.77 (1.13-29.53)
Unadjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Men	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Any case	1	-	3.47 (0.38-32.02)	0.81 (0.25-2.63)	-
Adjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Any case	1	-	3.78 (0.40-35.40)	0.97 (0.29-3.18)	-
Unadjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Hospitalisation	1	-	-	0.55 (0.07-4.13)	-
Adjusted	2 - closed (before phase 3 easing)	Men	51 - 65	Hospitalisation	1	-	-	0.65 (0.08-5.02)	-
Unadjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Any case	1	0.17 (0.02-1.24)	0.35 (0.11-1.12)	0.14 (0.02-1.01)	0.88 (0.12-6.72)
Adjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Any case	1	0.17 (0.02-1.23)	0.36 (0.11-1.14)	0.14 (0.02-0.99)	0.85 (0.11-6.52)
Unadjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Any case	1	0.40 (0.13-1.25)	0.42 (0.15-1.13)	0.29 (0.09-0.92)	0.29 (0.04-2.10)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Adjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Any case	1	0.44 (0.14-1.39)	0.47 (0.17-1.29)	0.32 (0.10-1.01)	0.33 (0.05-2.41)
Unadjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Hospitalisation	1	1.44 (0.17-11.92)	-	0.88 (0.11-6.75)	-
Adjusted	2 - closed (before phase 3 easing)	Women	31 - 40	Hospitalisation	1	2.43 (0.28-21.21)	-	0.85 (0.10-7.04)	-
Unadjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Any case	1	0.28 (0.09-0.90)	0.12 (0.02-0.84)	-	0.35 (0.09-1.45)
Adjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Any case	1	0.33 (0.10-1.03)	0.12 (0.02-0.89)	-	0.39 (0.10-1.61)
Unadjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Hospitalisation	1	0.97 (0.12-7.82)	-	-	1.00 (0.12-8.03)
Adjusted	2 - closed (before phase 3 easing)	Women	41 - 50	Hospitalisation	1	1.08 (0.11-10.17)	-	-	1.20 (0.14-9.90)
Unadjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Any case	1	0.10 (0.01-0.75)	-	0.09 (0.01-0.63)	0.16 (0.02-1.15)
Adjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Any case	1	0.12 (0.02-0.87)	-	0.10 (0.01-0.71)	0.17 (0.02-1.21)
Unadjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (before phase 3 easing)	Women	51 - 65	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	21 - 30	Any case	1	-	6.52 (1.09-39.13)	0.51 (0.07-3.84)	4.89 (0.44-54.17)
Adjusted	2 - closed (phase 3 easing)	Men	21 - 30	Any case	1	-	4.75 (0.73-31.07)	0.51 (0.07-3.87)	5.24 (0.46-59.86)
Unadjusted	2 - closed (phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Men	21 - 30	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	31 - 40	Any case	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Men	31 - 40	Any case	1	-	-	-	-

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	2 - closed (phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Men	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	41 - 50	Any case	1	-	5.37 (0.48-59.70)	3.51 (0.70-17.53)	2.78 (0.28-27.87)
Unadjusted	2 - closed (phase 3 easing)	Men	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Men	51 - 65	Any case	1	NA	NA	-	20.83 (1.89-230.07)
Adjusted	2 - closed (phase 3 easing)	Men	51 - 65	Any case	1	NA	NA	-	13.09 (1.01-169.21)
Unadjusted	2 - closed (phase 3 easing)	Men	51 - 65	Hospitalisation	1	NA	NA	-	-
Adjusted	2 - closed (phase 3 easing)	Men	51 - 65	Hospitalisation	1	NA	NA	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	21 - 30	Any case	1	1.44 (0.32-6.42)	2.89 (0.79-10.66)	0.46 (0.06-3.44)	-
Adjusted	2 - closed (phase 3 easing)	Women	21 - 30	Any case	1	1.42 (0.31-6.44)	3.13 (0.83-11.74)	0.45 (0.06-3.37)	-
Unadjusted	2 - closed (phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Women	21 - 30	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	31 - 40	Any case	1	1.39 (0.41-4.69)	1.56 (0.35-6.98)	1.68 (0.48-5.92)	1.89 (0.22-16.26)
Adjusted	2 - closed (phase 3 easing)	Women	31 - 40	Any case	1	1.42 (0.41-4.94)	1.96 (0.42-9.12)	1.78 (0.47-6.70)	1.27 (0.13-12.36)
Unadjusted	2 - closed (phase 3 easing)	Women	31 - 40	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Women	31 - 40	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	41 - 50	Any case	1	0.61 (0.08-4.73)	-	0.87 (0.11-6.72)	2.64 (0.69-10.10)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Adjusted	2 - closed (phase 3 easing)	Women	41 - 50	Any case	1	0.48 (0.06-3.85)	-	0.66 (0.08-5.37)	2.08 (0.51-8.48)
Unadjusted	2 - closed (phase 3 easing)	Women	41 - 50	Hospitalisation	1	-	-	-	-
Adjusted	2 - closed (phase 3 easing)	Women	41 - 50	Hospitalisation	1	-	-	-	-
Unadjusted	2 - closed (phase 3 easing)	Women	51 - 65	Any case	1	1.08 (0.13-8.71)	0.76 (0.10-5.78)	1.77 (0.21-14.95)	5.56 (1.31-23.66)
Unadjusted	2 - closed (phase 3 easing)	Women	51 - 65	Hospitalisation	1	-	-	-	-
Unadjusted	3 - reopened	Men	21 - 30	Any case	1	2.39 (1.33-4.30)	1.70 (0.94-3.07)	1.89 (1.40-2.56)	2.56 (1.17-5.58)
Adjusted	3 - reopened	Men	21 - 30	Any case	1	2.21 (1.21-4.02)	1.83 (1.00-3.34)	1.86 (1.37-2.53)	2.61 (1.18-5.79)
Unadjusted	3 - reopened	Men	21 - 30	Hospitalisation	1	-	-	2.45 (0.28-21.78)	-
Adjusted	3 - reopened	Men	21 - 30	Hospitalisation	1	-	-	1.28 (0.12-13.11)	-
Unadjusted	3 - reopened	Men	31 - 40	Any case	1	1.70 (1.01-2.85)	2.06 (1.26-3.38)	1.95 (1.52-2.50)	2.04 (1.20-3.44)
Adjusted	3 - reopened	Men	31 - 40	Any case	1	1.70 (1.01-2.89)	2.00 (1.20-3.34)	1.94 (1.51-2.51)	2.12 (1.23-3.64)
Unadjusted	3 - reopened	Men	31 - 40	Hospitalisation	1	1.97 (0.23-16.91)	-	0.82 (0.11-6.31)	-
Adjusted	3 - reopened	Men	31 - 40	Hospitalisation	1	2.46 (0.27-22.28)	-	0.72 (0.09-5.99)	-
Unadjusted	3 - reopened	Men	41 - 50	Any case	1	1.61 (0.82-3.14)	3.60 (2.06-6.29)	1.56 (1.18-2.07)	2.43 (1.54-3.83)
Adjusted	3 - reopened	Men	41 - 50	Any case	1	1.83 (0.92-3.64)	3.24 (1.80-5.83)	1.64 (1.22-2.21)	2.41 (1.49-3.89)
Unadjusted	3 - reopened	Men	41 - 50	Hospitalisation	1	2.03 (0.24-17.42)	-	1.76 (0.60-5.19)	4.02 (0.78-20.74)
Adjusted	3 - reopened	Men	41 - 50	Hospitalisation	1	3.19 (0.34-30.01)	-	1.94 (0.59-6.35)	4.79 (0.90-25.41)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Unadjusted	3 - reopened	Men	51 - 65	Any case	1	2.44 (1.07-5.57)	0.47 (0.11-1.93)	1.51 (1.15-1.99)	1.09 (0.63-1.90)
Adjusted	3 - reopened	Men	51 - 65	Any case	1	2.39 (1.01-5.64)	0.38 (0.09-1.59)	1.31 (0.98-1.74)	1.12 (0.63-1.99)
Unadjusted	3 - reopened	Men	51 - 65	Hospitalisation	1	-	-	0.39 (0.09-1.60)	-
Adjusted	3 - reopened	Men	51 - 65	Hospitalisation	1	-	-	0.31 (0.07-1.32)	-
Unadjusted	3 - reopened	Women	21 - 30	Any case	1	1.32 (1.06-1.66)	1.67 (1.38-2.01)	1.44 (1.19-1.74)	1.30 (0.86-1.98)
Adjusted	3 - reopened	Women	21 - 30	Any case	1	1.33 (1.06-1.67)	1.74 (1.44-2.11)	1.50 (1.23-1.81)	1.29 (0.85-1.97)
Unadjusted	3 - reopened	Women	21 - 30	Hospitalisation	1	0.80 (0.10-6.16)	1.47 (0.44-4.93)	0.34 (0.05-2.55)	2.11 (0.25-18.11)
Adjusted	3 - reopened	Women	21 - 30	Hospitalisation	1	0.89 (0.11-7.08)	1.80 (0.51-6.32)	0.33 (0.04-2.68)	1.76 (0.19-16.00)
Unadjusted	3 - reopened	Women	31 - 40	Any case	1	1.20 (0.98-1.47)	1.47 (1.23-1.76)	1.26 (1.05-1.51)	1.32 (0.99-1.76)
Adjusted	3 - reopened	Women	31 - 40	Any case	1	1.32 (1.08-1.63)	1.60 (1.33-1.93)	1.33 (1.10-1.60)	1.38 (1.03-1.85)
Unadjusted	3 - reopened	Women	31 - 40	Hospitalisation	1	0.62 (0.15-2.58)	0.98 (0.30-3.21)	1.93 (0.89-4.17)	1.97 (0.57-6.87)
Adjusted	3 - reopened	Women	31 - 40	Hospitalisation	1	0.59 (0.14-2.54)	0.93 (0.27-3.22)	2.48 (1.11-5.57)	2.05 (0.53-7.95)
Unadjusted	3 - reopened	Women	41 - 50	Any case	1	1.15 (0.91-1.46)	1.58 (1.28-1.96)	1.26 (1.03-1.54)	1.22 (0.92-1.61)
Adjusted	3 - reopened	Women	41 - 50	Any case	1	1.09 (0.86-1.39)	1.57 (1.25-1.96)	1.24 (1.01-1.53)	1.16 (0.87-1.56)
Unadjusted	3 - reopened	Women	41 - 50	Hospitalisation	1	-	0.55 (0.13-2.29)	1.39 (0.54-3.58)	2.60 (0.87-7.80)
Adjusted	3 - reopened	Women	41 - 50	Hospitalisation	1	-	0.41 (0.09-1.84)	1.91 (0.71-5.14)	2.09 (0.66-6.63)
Unadjusted	3 - reopened	Women	51 - 65	Any case	1	1.29 (1.00-1.66)	1.77 (1.40-2.22)	0.94 (0.73-1.22)	0.92 (0.66-1.28)

Adjustment	Time period	Sex	Age group (years)	Outcome	Neither	Nursery/Primary or Nursery	Primary	Secondary	Teacher in other sector
Adjusted	3 - reopened	Women	51 - 65	Any case	1	1.20 (0.93-1.56)	1.58 (1.24-2.01)	0.91 (0.69-1.18)	0.97 (0.69-1.36)
Unadjusted	3 - reopened	Women	51 - 65	Hospitalisation	1	0.58 (0.14-2.39)	0.48 (0.12-2.01)	0.89 (0.36-2.24)	0.24 (0.03-1.73)
Adjusted	3 - reopened	Women	51 - 65	Hospitalisation	1	0.60 (0.14-2.57)	0.48 (0.11-2.06)	1.32 (0.51-3.39)	0.39 (0.05-2.85)