

Supplementary Table 1.

Weekly positive rapid antigen tests in Austrian schools, per province. Approximately 10% of the Austrian population has been tested weekly in this program, which started in February 2021. Primary schools (age 6-10) are open 5 days a week and pupils are tested twice per week. In secondary schools (age 10-15), half of the pupils go to school Monday and Tuesday and are tested on Monday; the other half attend Wednesday and Thursday, and are tested on Wednesday. (Exceptionally, schools use alternate weeks instead). Initially, only Lepu Medical tests were used; lately, some secondary schools started to use Flowflex (ACON) [52]. The frequency of school-testing has now been increased to 3-times a week. All staff wear FFP2 masks, secondary school pupils wear face masks in the classroom, primary school pupils wear masks when indoors outside of their class group. There is some variability to this general guideline for more specialized institutions.

Week starting	8.2.	15.2.	22.2.	1.3.	8.3.	15.3.	22.3
Wien	142*	250	258	429	345	606	599
Niederösterreich	56*	103	187	209	212	195	234
Oberösterreich		43	118	161	217	139	147
Steiermark		43	109	148	122	134	145
Salzburg		19	68	97	90	100	82
Kärnten		40	65	86	84	53	61
Tirol		13	42	54	66	43	60
Burgenland		10	34	44	41	49	61
Vorarlberg		15	23	19	11	6	16
Total Positive	198	536	904	1247	1188	1325	1405
Total Tests							
(appr.)	470 k	1.3mil	1.4mil	1.4mil	1.5mil	1.6mil	1.7mil
Percent Positive	0.042	0.041	0.065	0.089	0.079	0.083	0.083

* 75% and 80% of the cases, respectively, were confirmed by PCR in the first week; in later weeks, the % of false positives rose to about 40% [32].