Supplements

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Lockdown and Reopening

The political definition of Lockdown and reopening in Denmark was that all students were sent home and all teaching was done virtually. All public workers apart from critical workers were sent home or worked from home. The private sector was advised to send their workers home as well. All schools and day care facilities closed apart from special cases with children of critical workers. All non-essential shops and other cultural activities were closed. Citizens were advised to avoid use of public transport if possible and limit social contact. Certain travel restrictions were in place.

Reopening in Denmark was done in stages with added reopening every about 14 days. Recommendations of hand sanitizing, sanitizing surfaces, social distance, quarantining and testing when having symptoms were upheld during lockdown and reopening.

Table 1 ICD-10 diagnoses for infectious diseases and diseases triggered by infections

Diseases	ICD-10 diagnose codes
Asthma	DJ45.0-9 & DJ46.0-9
Asthmatic Bronchitis (AB)	DJ40.0-9, DJ20.0-4/6-9, DJ21.0-9 & DJ409
Upper respiratory tract infections (URTI)	DJ06.0-9, DJ171, DB27.0-9, DB34.0-4 excl. DB342A, DJ00.0-9, DJ01.0-9, DJ02.0-9, DJ03.0-9, DJ04.0-9, DJ05.0-9, DJ09.0-9, DJ10.0-9, DJ11.0-9, DJ369 & DJ229
Respiratory Insufficiency (RI)	DJ960 & DJ969
Respiratory Syncytial Virus (RSV)	DJ21.0-9, DJ205, DB974 & DJ12.0-9
Urinary Tract Infections (UTI)	DN129, DN10.0-9 & DN11.0
Gastrointestinal Infections (GI)	DA00.0-9, DA01.0-9, DA02.0-9, DA03.0-9, DA04.0-9, DA05.0-9, DA06.0-9, DA07.0-9, DA07.0-9, DA08.0-9 & DA09.0-9
Coronavirus Disease (COVID-19)	DB342A & DB972A
Skin Infections (Skin)	DL00.0-9, DL01.0-9, DL02.0-9, DL03.0-9, DL08.0-9, DA46.0-9, DB00.0-2/6-9, DB01.0-9, DB02.0-9, DB03.0-9, DB04.0-9, DB05.0-9, DB06.0-9, DB07.0-9, DB08.0-9 & DB09.0-9
Eye Infections (Eye)	DA71.0-9, DA72.0-9, DB005, DB30.0-9, DH00.0-9, DH01.0-9, DH10.0-9, DH162, DH163, DH165, DH168, DH169, DH20.0-9 & DH30.0-9
Ear Infections (Ear)	DH60.0-9, DH65.0-9, DH66.0-9, DH67.0-9, DH68.0-9, DH69.0-9, DH70.0-9, DH750, DH730 & DH731
Pneumonia	DJ12.0-9, DJ13.0-9, DJ14.0-9, DJ15.0-9, DJ16.0-9, DJ17.0-9, DJ18.0-9, DJ229, DJ851 & DJ852
Meningitis/Encephalitis, Sepsis and Osteoarticular Infections combined as (SI)	DG00.0-9, DG01.0-9, DG02.0-9, DG03.0-9, DG04.0-9, DG05.0-9, DG06.0-9, DG07.0-9, DA39.0-9, DA40.0-9, DA41.0-9, DM46.0-9, DM00.0-9, DM01.0-9, DM86.0-9, DB003, DB004, DA83.0-9, DA84.0-9, DA85.0-9, DA86.0-9, DA87.0-9, DA88.0-9 & DA89.0-9
Inflammatory Bowel Disease (IBD)	DK50.0-9 & DK51.0-9
Other	DA15.0-9, DA16.0-9, DA17.0-1&8-9, DA18.0-8, DA19.0-2&8-9, DA20.0-3&7-9, DA21.0-3&7-9, DA22.0-2&7-9, DA23.0-3&8-9, DA24.0-4, DA25.0-1&9, DA26.0&7-9, DA270&8-9, DA28.0-2&8-9, DA30.0-9, DA31.0-1&8-9, DA32.0-1&7-9, DA339, DA359, DA36.0-3&8-9, DA37.0-1&8-9, DA389, DN300, DN308, DN309, DN390, DN410-3&8-9, DN45.0&9, DN481, DN49.0-2&8-9, DN619, DN70.0-1&9, DN71.0-1&9, DN729, DN73.0-9, DN74.0-4&8, DN750.0-1, DN76.0-4&8, DA5.0-9, DA6.0-9, DA75.0-3&9, DA77.0-3&8-7, DA77.0-3&8-9, DA789, DA79.0-1&8-9, DA420-2&7-9, DA43.0-1&8-9, DA44.0-1&8-9, DA48.0-4&8, DB15.0&9, DB16.0-2&9, DB17.0-2&8-9, DB18.0-2&8-9, DB19.0&9, DB20.0&2-4, DB22.0-2&7, DB23.0-2&8, DB249, DB25.0-2&8-9, DB26.0-3&8-9, DB3.0-9, DB95.0-8, DB96.0-8, DB97.0-8, DB98.0-1, DI30.1&8-9, DI33.0&9, DI389, DI398, DI400, DJ340, DJ390, DJ391, DJ392, DJ398, DK112, DK113, DK102, DK12.0-2, DK140, DK61.0-4, DK750, DK81.0-1&8-9, DL050, DM600, DM650, DM651, DA709, DA80.0-4&9, DA81.0-1&8-9, DA82.0-1&9, DA9.2-9, DB4.0-9, DB5.0-8, DB60.0-2&8, DB649, DB7.0-9, DB8.0-3, DA49.0-3&8-9, DB349, DB348, DB999 & DJ399

Figure 1 Timeline of COVID-19 pandemic events and school holidays in Denmark in 2020
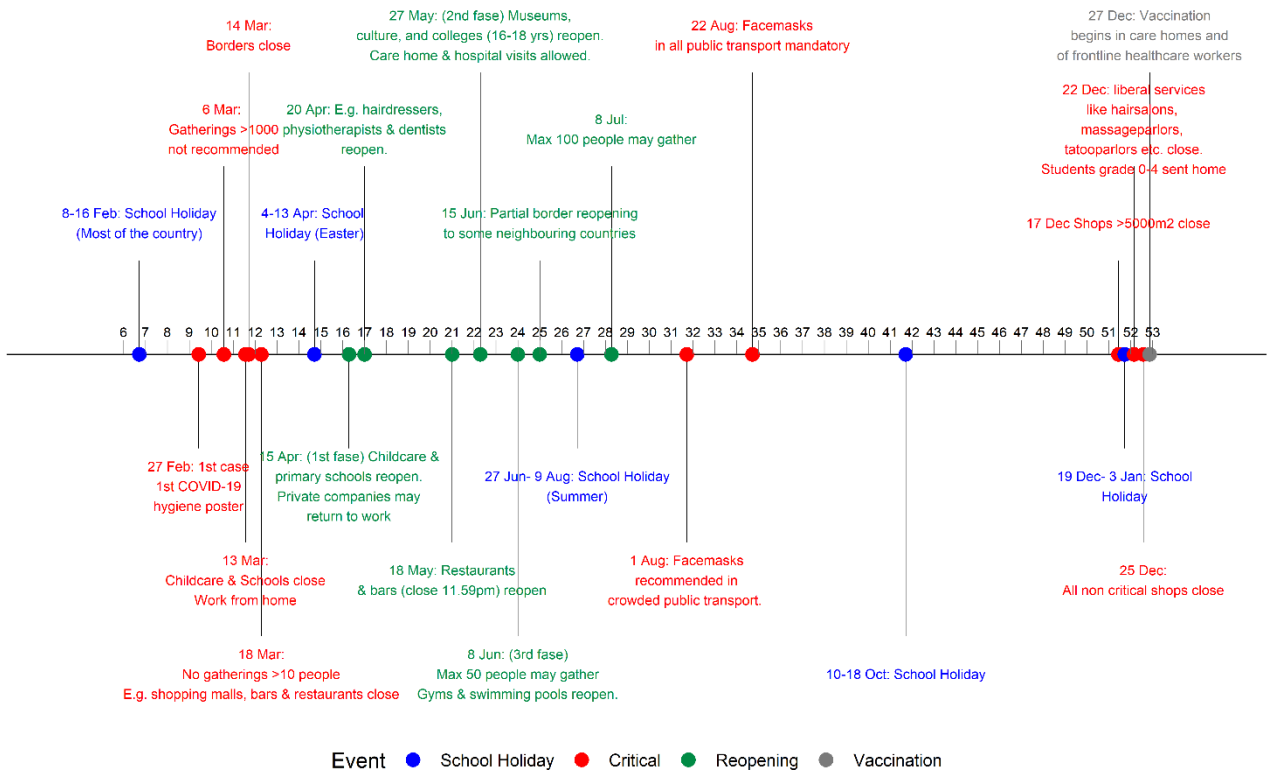

Figure 2 Timeline of COVID-19 pandemic events and school holidays in Denmark in 2021
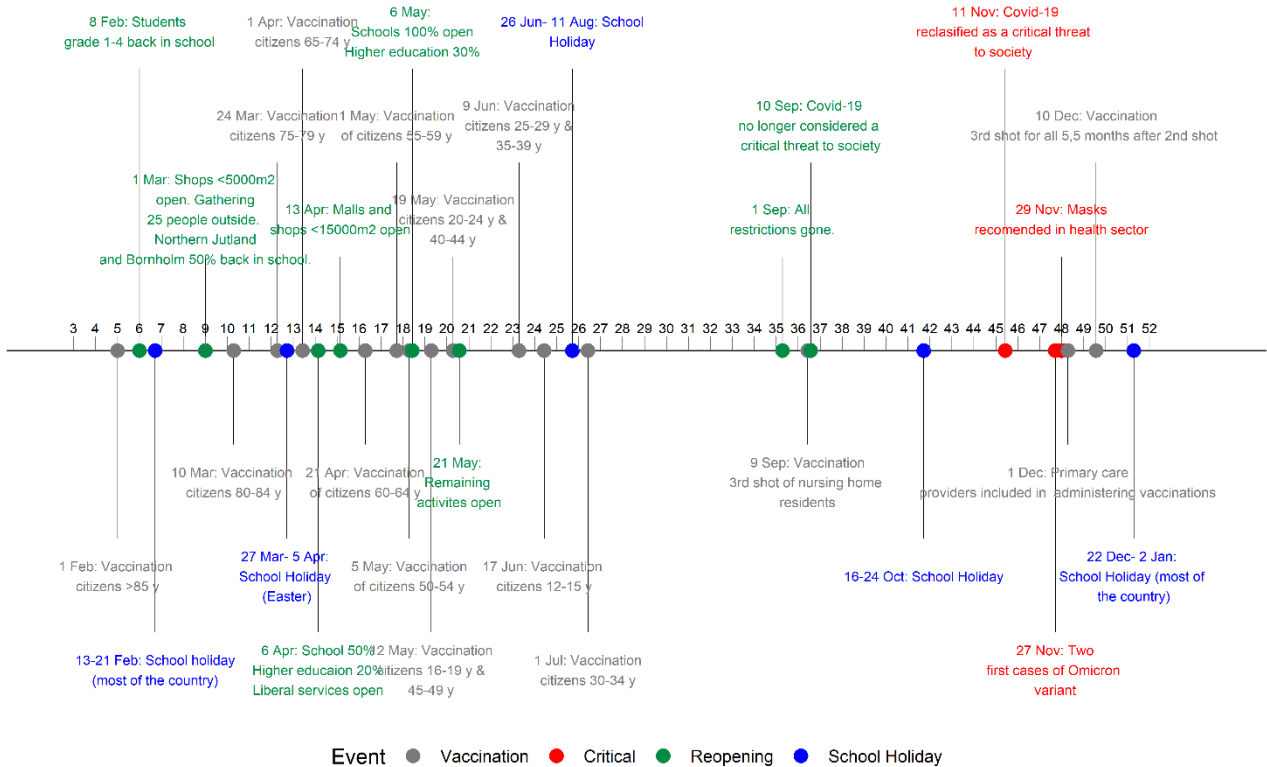
Figure 3 Respiratory tract infection hospital emergency event rates for children and adolescents during 2015-2021. Solid lines marking lockdowns. Dotted lines marking reopenings. Specifically, school reopenings are marked
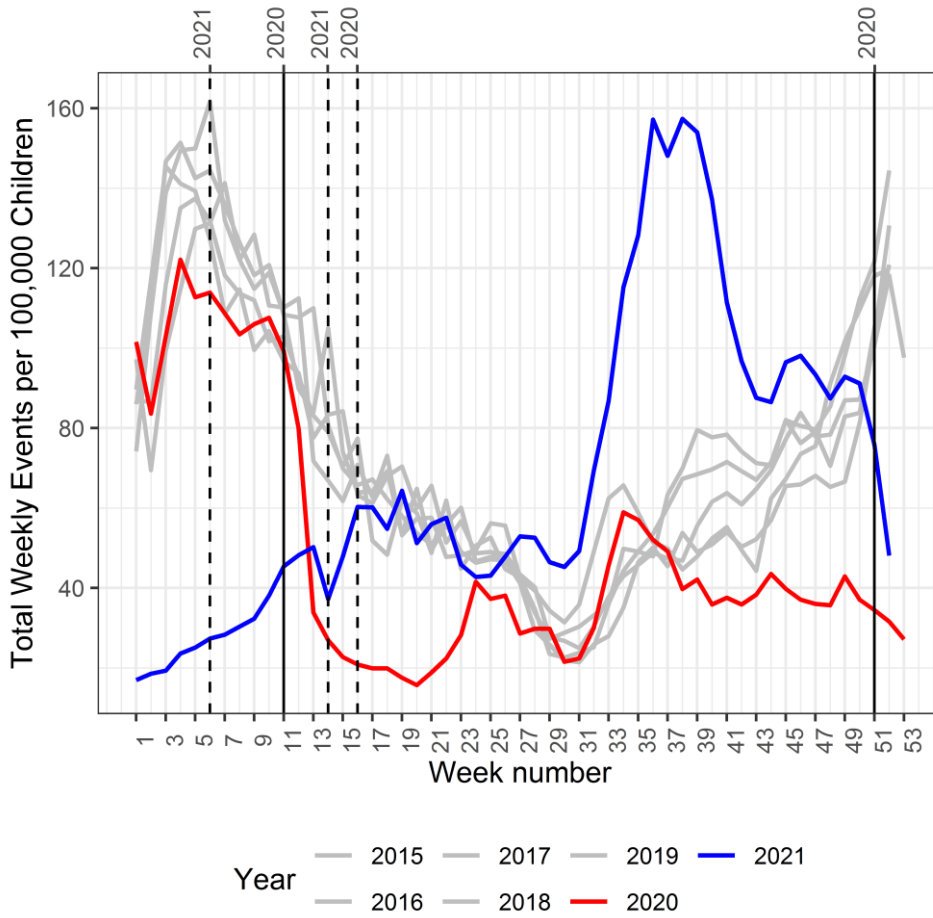
Figure 4 Selected predefined rare conditions emergency hospital events in 2020. SI is meningitis, encephalitis, osteoarticular infections and sepsis combined. IBD is inflammatory bowel disease. COVID-19 is coronavirus disease. Solid lines are marking lockdowns. Dotted lines are marking reopenings