

Data category	Information
Primary registry and trial identifying number	AEA RCT Registry, trial identifier no. AEARCTR-0006290
Date of registration in primary registry	August 18, 2020
Secondary identifying numbers	NA
Source(s) of monetary or material support	Norwegian Institute of Public Health (NIPH)
Primary sponsor	Norwegian Institute of Public Health (NIPH)
Secondary sponsor(s)	NA
Contact for public queries	Ingeborg Rossow (ingeborg.rossow@fhi.no)
Contact for scientific queries	Research Professor Ingeborg Rossow (ingeborg.rossow@fhi.no) Researcher Daniel Bergsvik (daniel.bergsvik@fhi.no) Researcher Maja W. Grøtting (majaweemes.grotting@fhi.no)
Public title	Effect of extended trading hours on alcohol sales in Norway: a cluster randomised controlled trial
Scientific title	Effect of extended trading hours on alcohol sales in Norway: a cluster randomised controlled trial
Countries of recruitment	Norway
Health condition(s) or problem(s) studied	Alcohol Sales
Intervention(s)	A one-hour extension of sales hours on Saturdays in the state owned monopoly on retail sales of strong beer, wine and spirits. Trade districts are randomly allocated into one of three experimental conditions: implementation of extended trading hours by September 1st 2020, by December 1st 2020, or by March 1st 2021.
Key inclusion and exclusion criteria	228 (out of 335) monopoly outlets, clustered into 62 (of 66) trade districts, were eligible for trial inclusion. The 53 smallest outlets were excluded due to very low turnover on Saturday afternoon 4 large cities are excluded as requested by the state monopoly
Study type	Cluster randomised controlled trial
	Allocation: 62 (of 66 ¹ in total) trade districts eligible for randomization were stratified into three blocks, based on monthly alcohol sales in 2018. Computer generated randomisation of trade districts allocated monopoly outlets within each block into one of three experimental conditions: implementation of extended trading hours by September 1st 2020, by December 1st 2020, or by March 1st 2021.

¹ Note that the total number of trade districts in Norway is presented differently in the trial registration; that is n=67. Further information on this issue is presented in the Analysis Plan.

Data category	Information
Date of first enrolment	September 1st 2020
Target sample size	228
Recruitment status	Complete
Primary outcome(s)	<ul style="list-style-type: none"> i) Monthly alcohol sales in monopoly outlets ii) Monthly alcohol sales in licensed grocery stores <p>Both measured in beverage specific volumes and in litres of pure alcohol.</p>
Key secondary outcomes	<ul style="list-style-type: none"> i) Weekly alcohol sales in monopoly outlets and in licensed grocery stores ii) Distribution of total alcohol sales over days of the week (Monday through Saturday) in monopoly outlets iii) Distribution of alcohol sales over the trading hours on Saturdays in monopoly outlets, <p>These are measured in beverage specific volumes and in litres of pure alcohol</p> <ul style="list-style-type: none"> iv) Monthly alcohol sales (total and beverage specific) in monopoly outlets, as measured in turnover (NOK).