

Figure S1. Crude incidence rate by area-level socioeconomic status and age-group for men (top row) and corresponding incidence rate ratios (adjusted for proportion of population with foreign background) by socioeconomic status and age-group (bottom row)

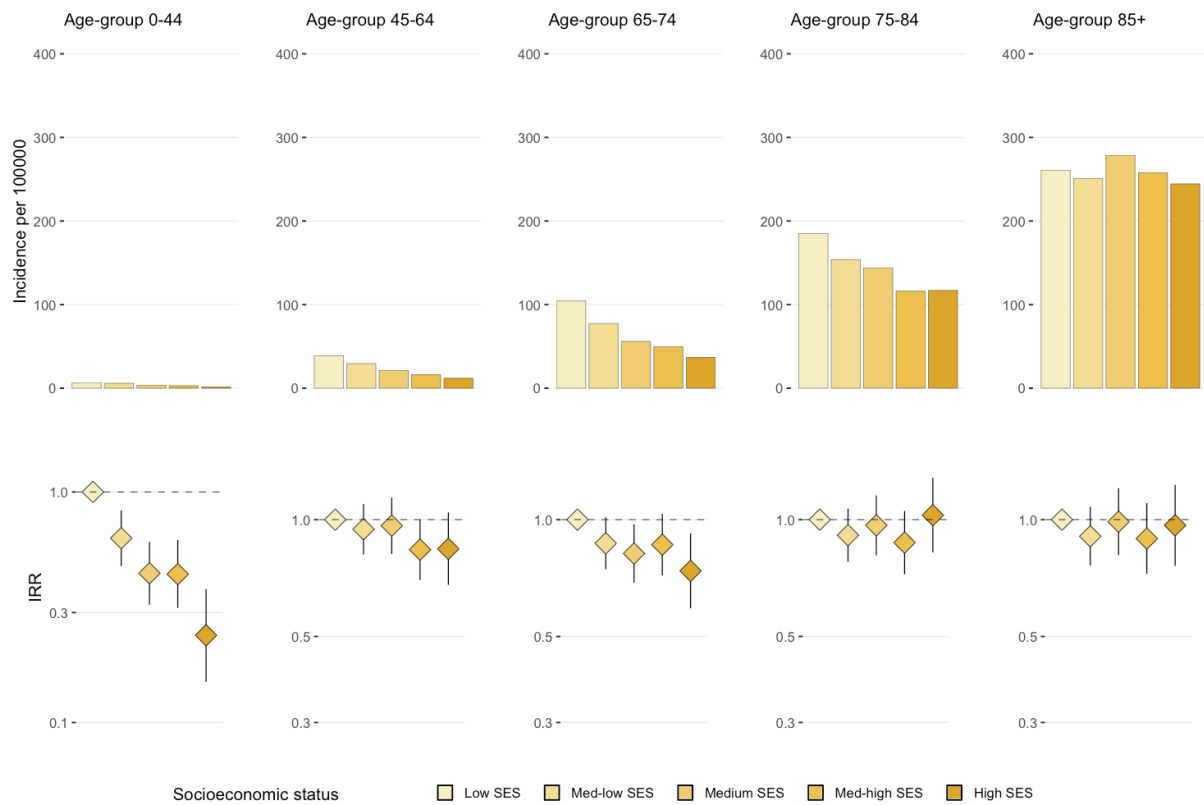


Figure S2. Crude incidence rate by area-level socioeconomic status and age-group for **women** (top row) and corresponding incidence rate ratios (adjusted for proportion of population with foreign background) by socioeconomic status and age-group (bottom row)

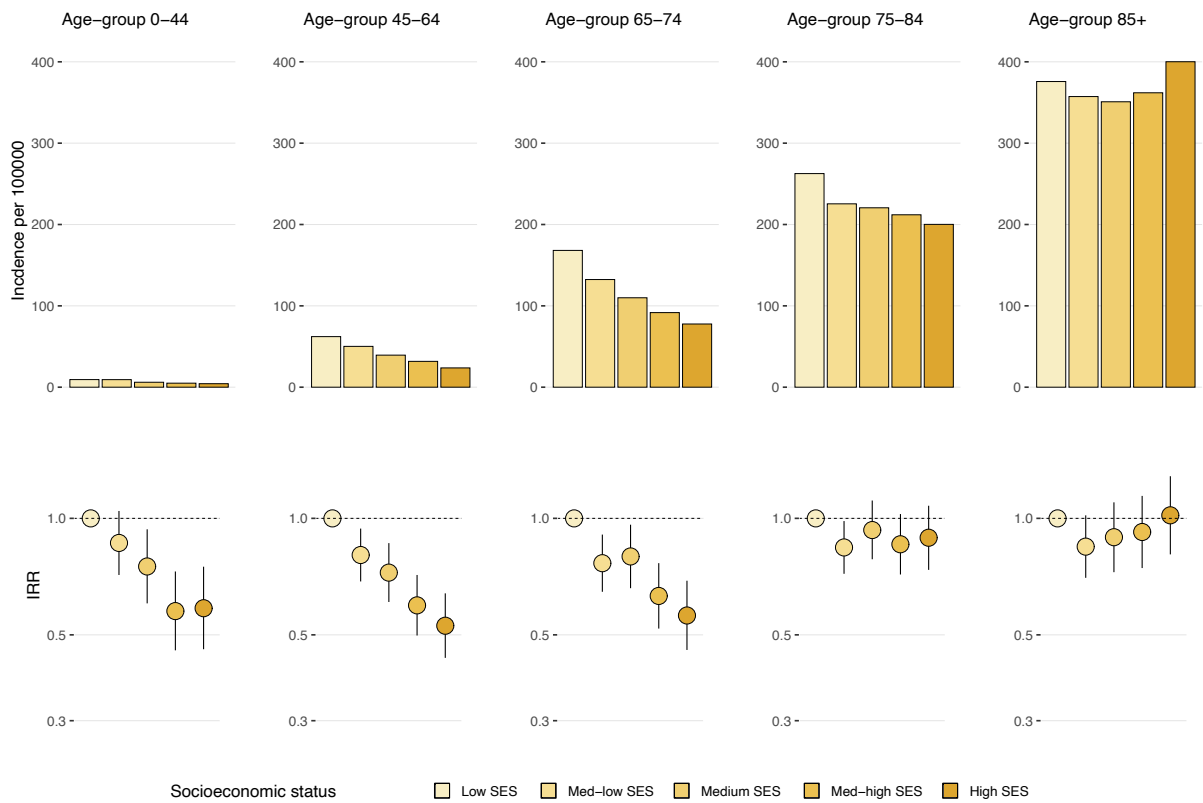


Figure S3. Crude incidence rate by **area-level income** (quintiles) and age-group (top row) and corresponding incidence rate ratios (adjusted for proportion of the population with foreign background and unemployment rate) by **area-level income** (quintiles) and age-group (bottom row)

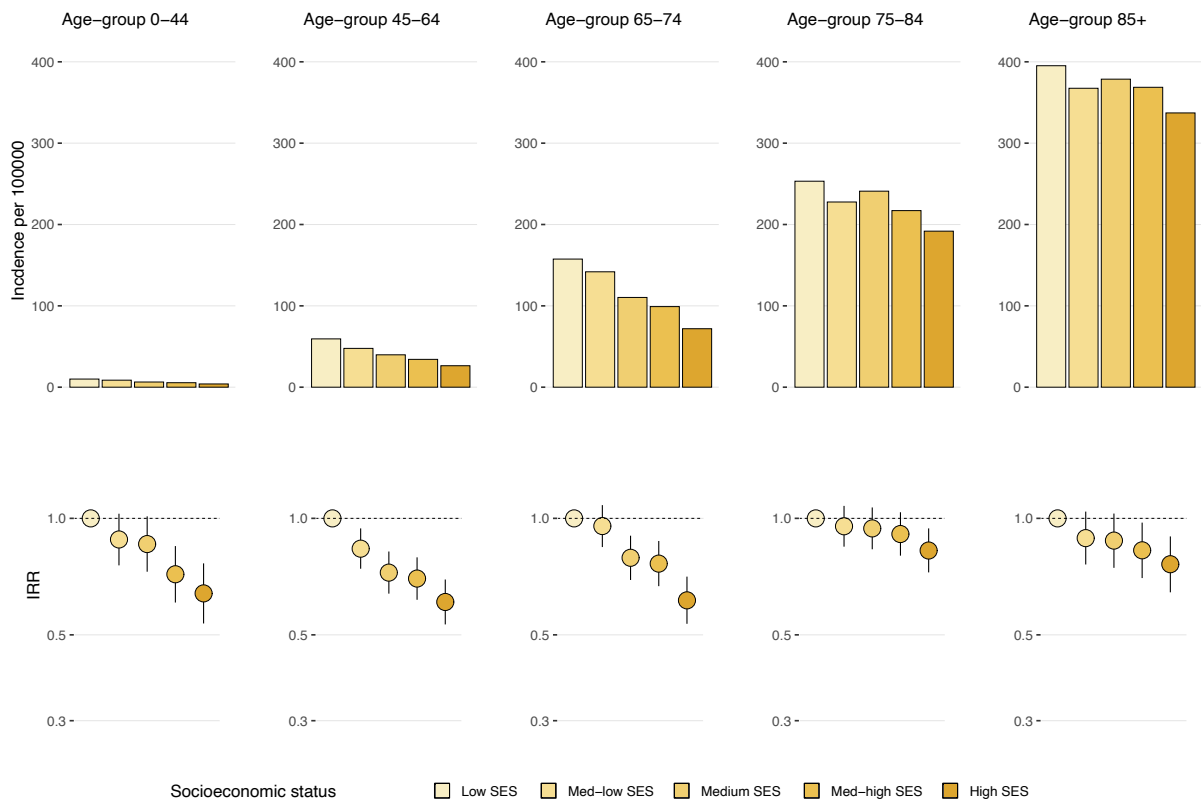


Figure S4. Crude incidence rate by **area-level education** (quintiles) and age-group (top row) and corresponding incidence rate ratios (adjusted for proportion of the population with foreign background and unemployment rate) by **area-level education** (quintiles) and age-group (bottom row)

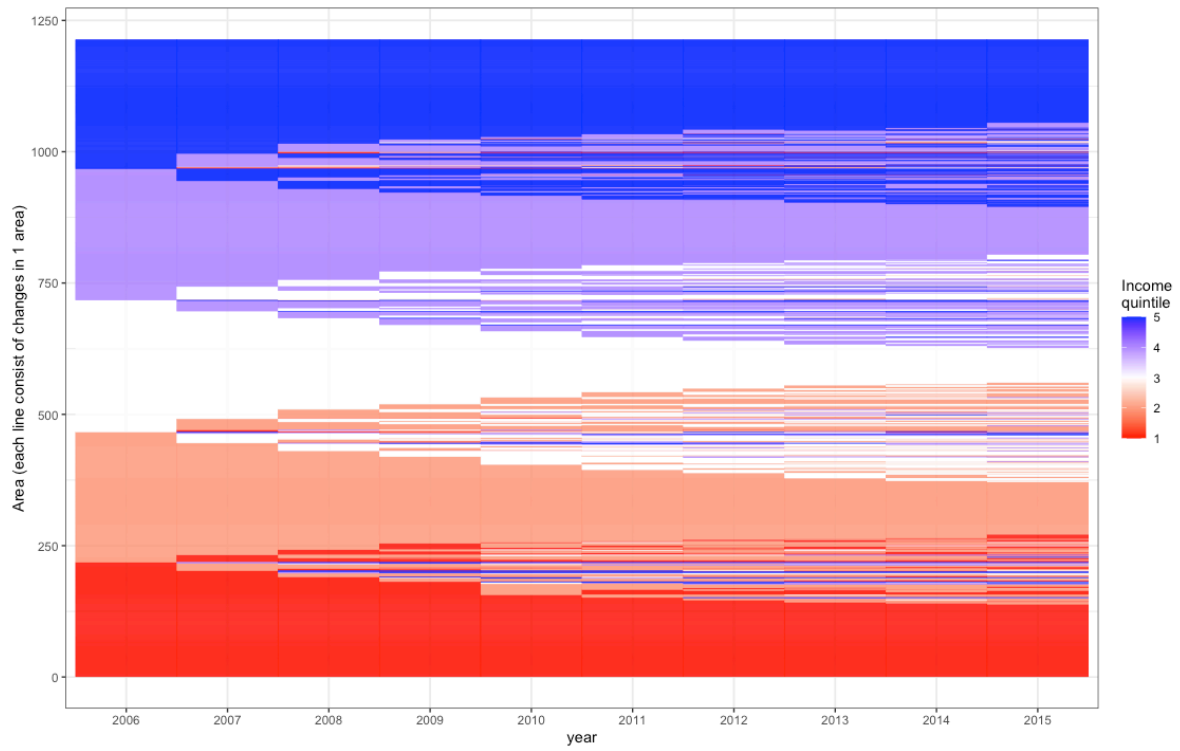


Figure S5. Changes in area-level income over time.

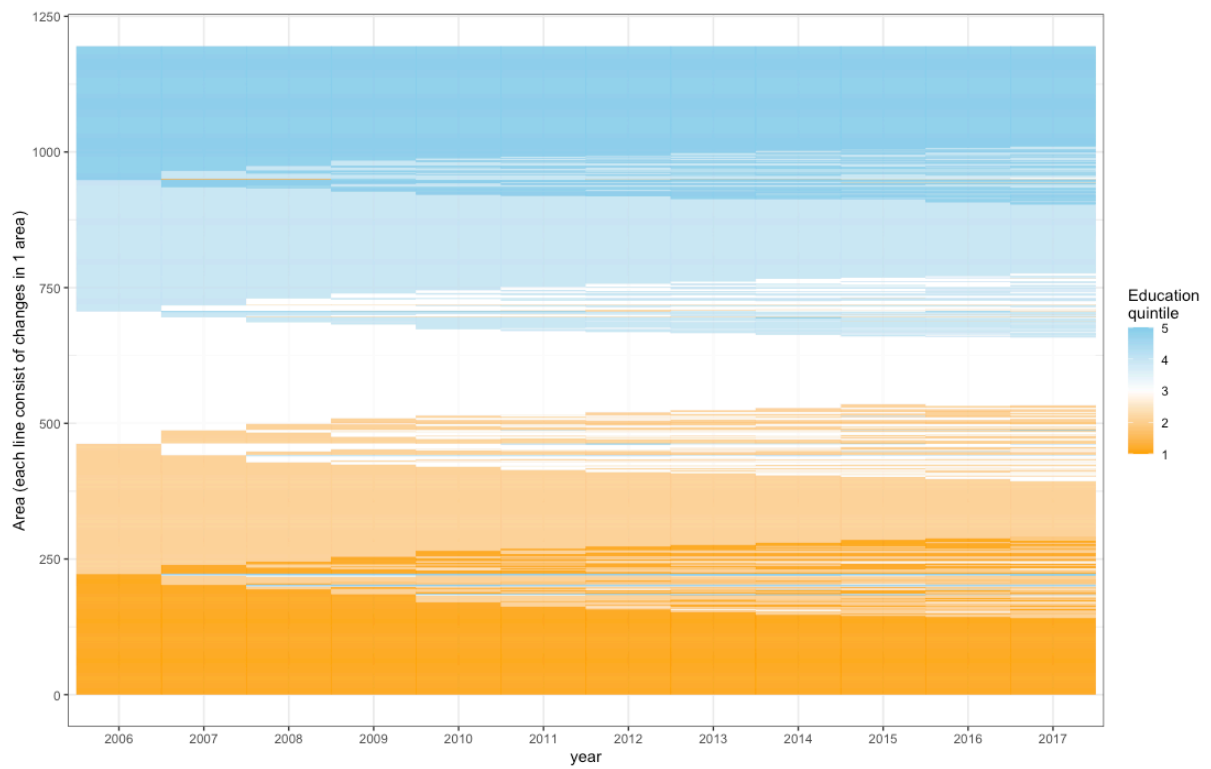


Figure S6. Changes in area-level education over time.

Table S1. The association between area-level SES and incidence of OHCA in areas with a proportion of the population with foreign background <10%. The results are presented as IRRs with 95% CI.

	IRR	Low CI	High CI
SES area 1	1	1	1
SES area 2	1.025	0.799	1.315
SES area 3	0.920	0.692	1.222
SES area 4	0.805	0.601	1.078
SES area 5	0.691	0.520	0.919
Proportion over 65	10.480	3.106	35.366
Proportion unemployed	0.905	0.670	1.221

Table S2. The association between area-level SES and incidence of OHCA in areas with a proportion of the population with foreign background 10-19%. The results are presented as IRRs with 95% CI.

	IRR	Low CI	High CI
SES area 1	1	1	1
SES area 2	0.929	0.758	1.138
SES area 3	0.793	0.654	0.960
SES area 4	0.754	0.622	0.914
SES area 5	0.624	0.506	0.768
Proportion over 65	20.257	11.776	34.849
Proportion unemployed	1.052	0.971	1.139

Table S3. The association between area-level SES and incidence of OHCA in areas with a proportion of the population with foreign background $\geq 20\%$. The results are presented as IRRs with 95% CI.

	IRR	Low CI	High CI
SES area 1	1	1	1
SES area 2	0.924	0.826	1.033
SES area 3	0.755	0.661	0.862
SES area 4	0.778	0.603	1.003
SES area 5	0.311	0.206	0.467
Proportion over 65	15.232	7.629	30.412
Proportion unemployed	0.983	0.952	1.015

R package used; pscl

$\text{zeroinfl}(y, x_1 + x_2 + x_3 \mid x_4, \text{dist}=\text{"negbin"}, \text{data}=\text{data})$

Regression models for all patients

$\text{Incidence} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population}$

$\text{Incidence}^{0-44} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population}^{0-44}$

$\text{Incidence}^{45-64} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population}^{45-64}$

$\text{Incidence}^{65-74} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population}^{6-74}$

$\text{Incidence}^{74-84} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population}^{75-84}$

$\text{Incidence}^{85+} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population}^{85+}$

Regression models for men

$\text{Incidence_men} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_men}$

$\text{Incidence_men}^{0-44} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_men}^{0-44}$

$\text{Incidence_men}^{45-64} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_men}^{45-64}$

$\text{Incidence_men}^{65-74} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_men}^{6-74}$

$\text{Incidence_men}^{74-84} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_men}^{75-84}$

$\text{Incidence_men}^{85+} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_men}^{85+}$

Regression models for men

$\text{Incidence_women} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_women}$

$\text{Incidence_women}^{0-44} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_women}^{0-44}$

$\text{Incidence_women}^{45-64} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_women}^{45-64}$

$\text{Incidence_women}^{65-74} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_women}^{6-74}$

$\text{Incidence_women}^{74-84} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_women}^{75-84}$

$\text{Incidence_women}^{85+} \sim \text{SES} + \text{foreign} + \text{unemployment} \mid \text{population_women}^{85+}$