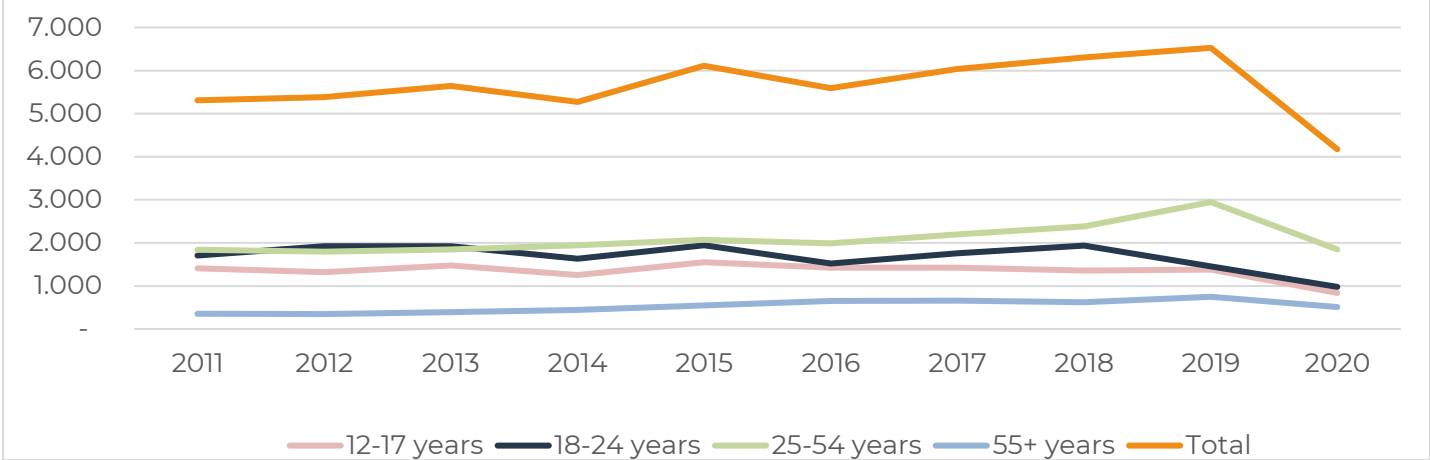
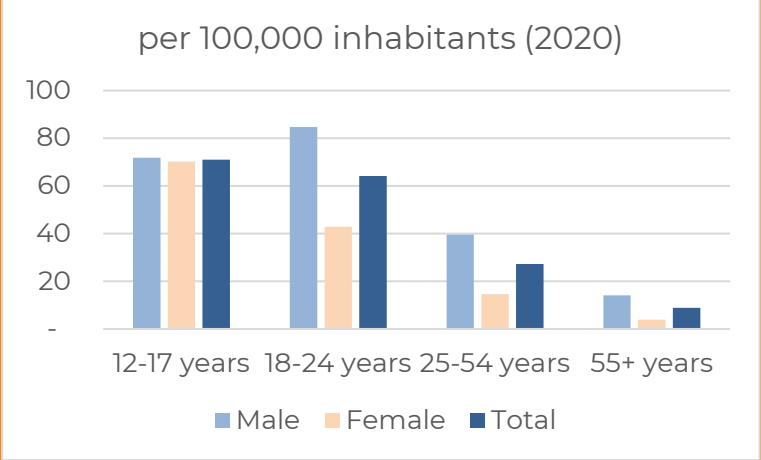


Alcohol-related Emergency Department treatments in the Netherlands: trends in alcohol intoxications and alcohol-related injuries during the COVID-19 pandemic



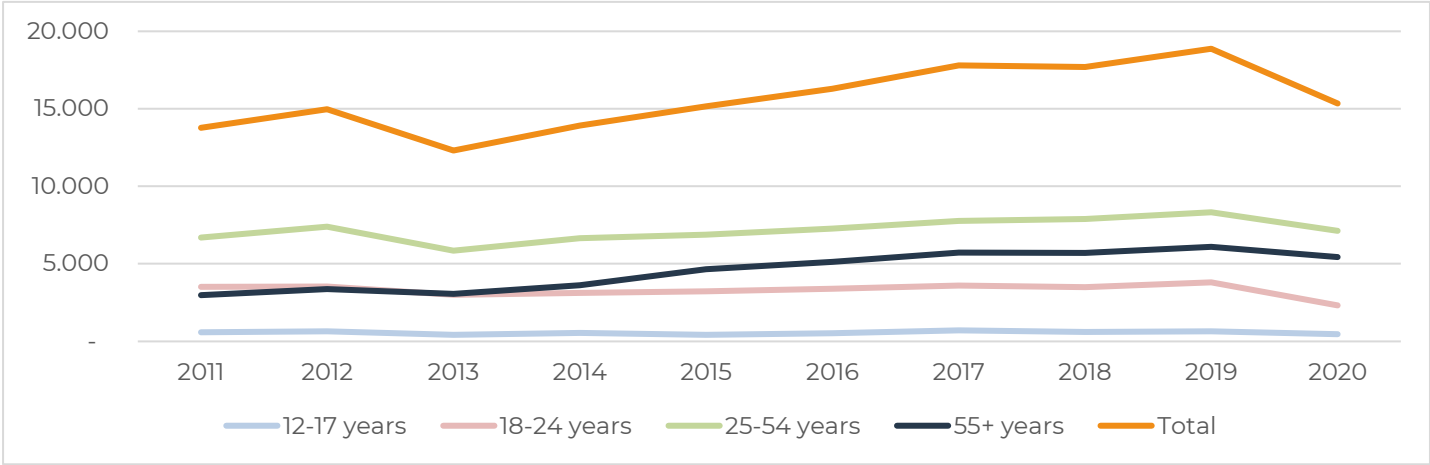
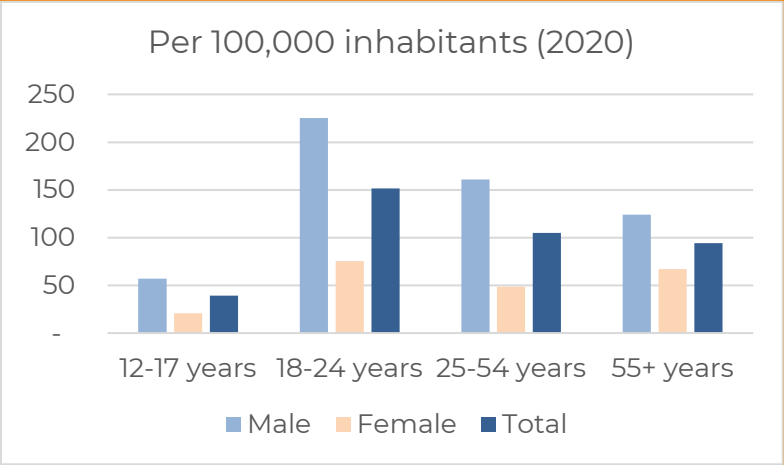
Dutch Injury Surveillance System (DISS):
a representative sample of 14 Emergency Departments

Alcohol intoxications: always registered
Alcohol related injuries: earlier research (self-report 2004-2009)
showed an underestimation of factor 3-6



Intoxications

2010-2019: significant increase (31%) in alcohol **intoxications**
 Compared to 2019 (6,500 ED visits) a significant decrease (36%) in ED visits due to alcohol **intoxications** in 2020 (4,200 ED visits)



Injuries

2010-2019: significant increase (89%) in alcohol related **injuries**
 Compared to 2019 (18,900 ED visits) a significant decrease (19%) in ED visits due to alcohol related **injuries** in 2020 (15,400 ED visits)

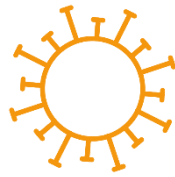
Closure catering sector



March 16th – May 31st



October 14th – December 31st



Intoxications

**Significant decrease:
59% (p=0.043)**

Injuries

**Significant decrease:
43% (p=0.015)**

**Not significant decrease:
53% (p=0.084)**

**Significant decrease:
43% (p=0.014)**

Conclusion:

- Prevalance rate of ED visits for alcohol intoxications and alcohol related injuries showed a strong decrease during the COVID-19 pandemic
- Decrease was much stronger during times of closure of bars, clubs and restaurants
- Dutch National Prevention Agreement: more research on alcohol related injuries

