

Alcohol, drive and traffic accidents in Catalonia



Undoubtedly alcohol has an important roll as a risk factor in our roads.

What kind of vehicles are more frequently driven under the influence of alcohol?

Let's see some data

What kind of vehicles are more frequently driven above the legal limit?

BUS DRIVERS

During 2011, a total of 3.764 preventive alcohol test were being carried out by Mossos d'Esquadra.

TRUCK DRIVERS

During 2011, a total of 35.371 preventive alcohol test were being carried out by Mossos d'Esquadra.

The number of alcohol test carried out were 374.985 in Catalanian roads (all kind of vehicles, preventive test)



What kind of vehicles are more frequently driven above the legal limit?

A total of 114 truck drivers were above the legal limit of 0,3 BAC (alcohol blood content, equivalent to 0,15mg/l in air)

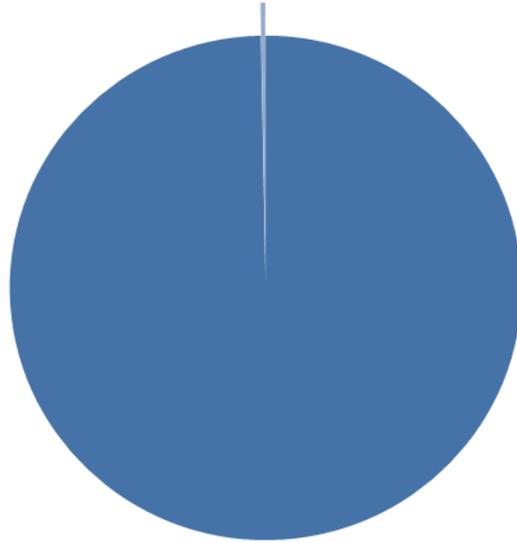
A total of 4 bus drivers were above the legal limit of 0,3 BAC

(preventive test)

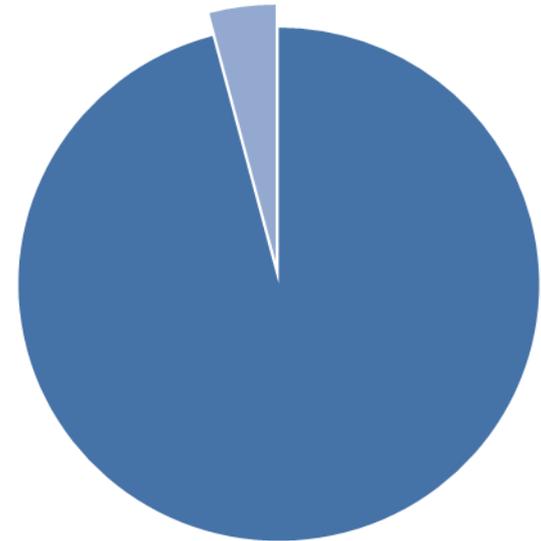


Buses and trucks versus the rest of vehicles

0,3% positive results; buses and trucks drivers (preventive control)



4,3% positive results; all kind of vehicles (preventive control)



What kind of vehicles are more frequently involved in crashes, with the driver above the legal limit? ?

During 2011, a total of 1.674 alcohol test were being carried out to buses and trucks drivers, as a result of being involved in a crash.

21 drivers was above the 0,3 BAC legal limit.

1,25%



What kind of vehicles are more frequently involved in crashes, with the driver under the influence of alcohol?

Only 1 of the 98 bus drivers, involved in a crash during the year 2011, was under the effects of alcohol



Buses, trucks and alcohol.



Social alarm

Just one severe accident, involving a bus, can cause great number of casualties and injured.



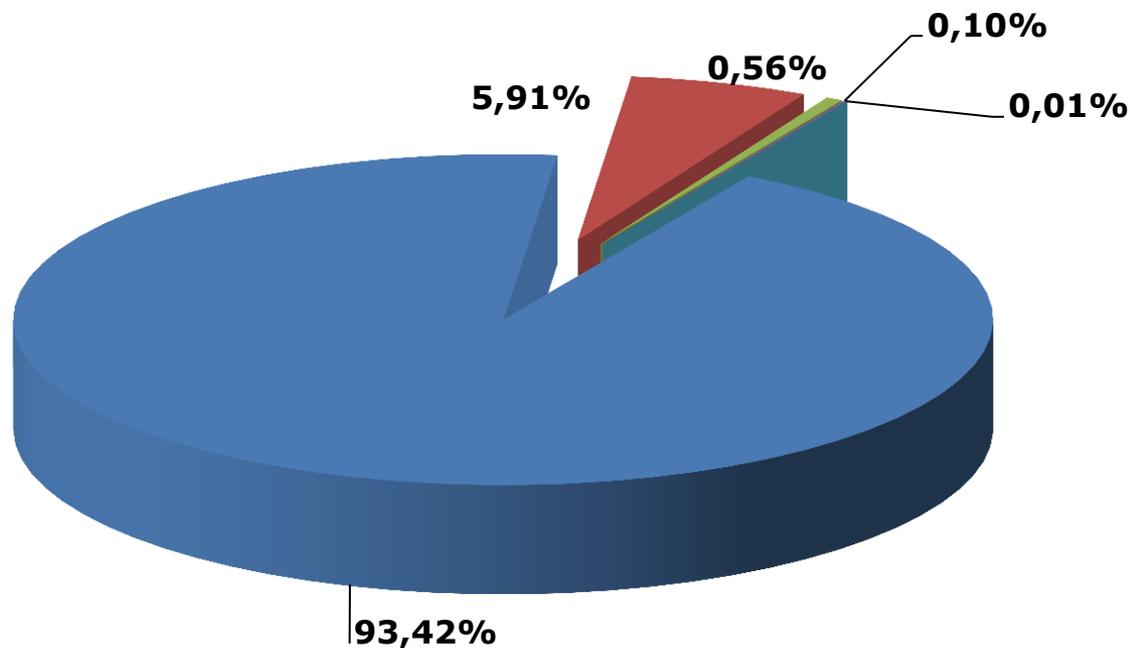
Drivers, alcohol and recidivism.

**How many drivers were caught
driving above the legal limit, twice
or more, during 2011?**



Drivers, alcohol and recidivism.

How many times the same driver above the legal limit of alcohol:



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■ 1 ■ 2 ■ 3 ■ 4 ■ 5

More than 6,58% of drivers “repeatedly” drive under the effects of alcohol, in the same year!

Drivers, alcohol and recidivism.

A total of 1.466 drivers committed a drink driving offense, at least twice, during the year 2011.

Considering the probability of being breath tested for alcohol...

...this represents a great risk for the road safety!



Cars and alcohol

Light vehicles and severe crashes

We have seen in the past how a light vehicle, a car for instance, can cause a severe accident involving a larger vehicle.

Great number of deaths and injuries can result from a single accident .

When a first collision cause the loss of control of a larger vehicle...



**Lane invasion:
In this case, one single car cause
a multiple crash, a large
truck involved.**



**4 cars and a large
truck involved.**

**Cause of the crash:
lane invasion**

**No bad behavior by
the truck driver.**

Data seems to indicate different scenarios:

- Buses, trucks, and professional drivers in general, tend to drive sober than the rest of the population.**
- The risk of accident with higher consequences that this vehicles generate is also larger than the rest, for that reason we have to put special attention on them.**

- Recidivism in drive drunk shows that exist some population than “usually” drive under the effects of alcohol and generate a objective risk for roads safety.**



Thank you for your attention.

Any questions?

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