



# STATISTICAL BULLETIN 2021

*Alcohol*

**Title:** STATISTICAL BULLETIN 2021 – Alcohol

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# STATISTICAL BULLETIN

## 2021

### *Alcohol*

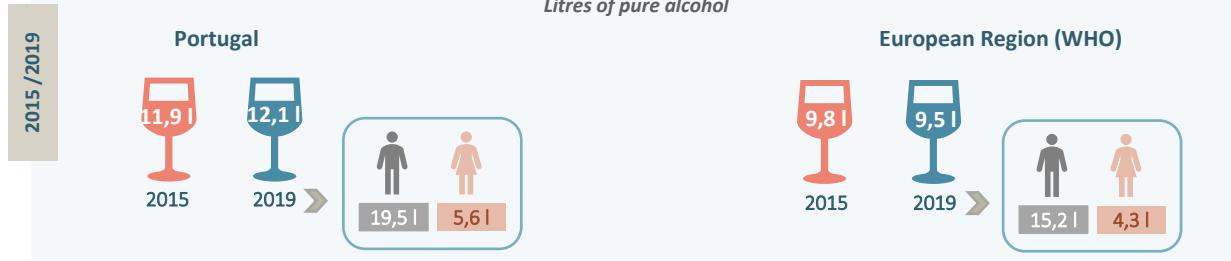


## CONSUMPTION

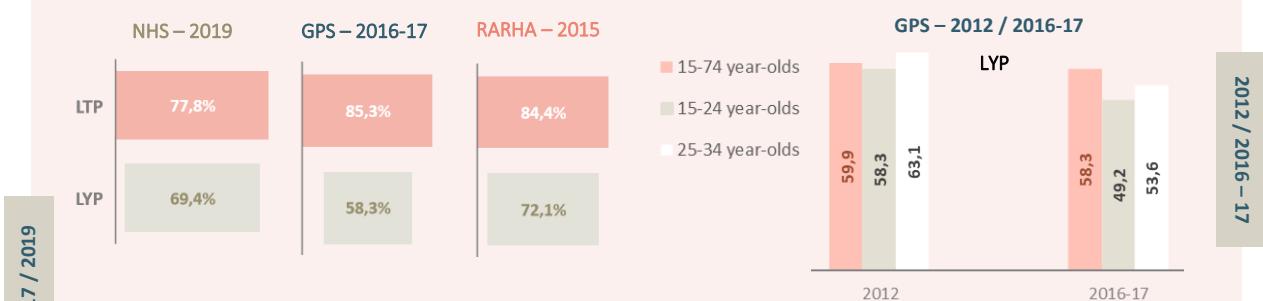
## GENERAL POPULATION

*Global Information System on Alcohol and Health ( $\geq 15$  year-olds) [1]*

## Recorded and unrecorded alcohol use per capita

*Litres of pure alcohol**National Survey on Psychoactive Substances Use in the General Population (GPS) (15-74 year-olds) [2]**National Health Survey (NHS) ( $\geq 15$  year-olds) [3]**Reducing Alcohol Related Harm - Standardised European Alcohol Survey (RARHA-SEAS) (18-64 year-olds) [4]*

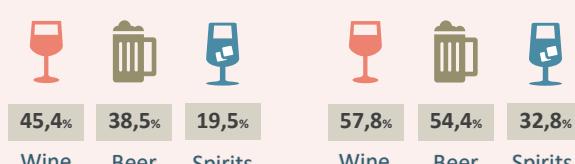
## Lifetime and last 12 months prevalence use

*Any alcoholic beverage*

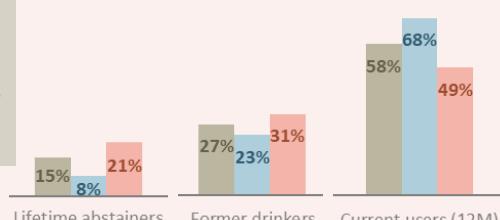
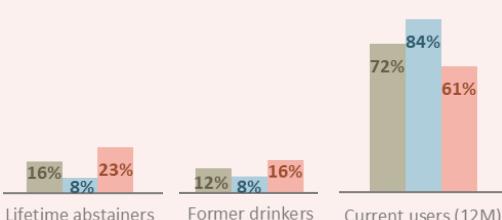
## Last 12 months prevalence of use

*Any alcoholic beverage*

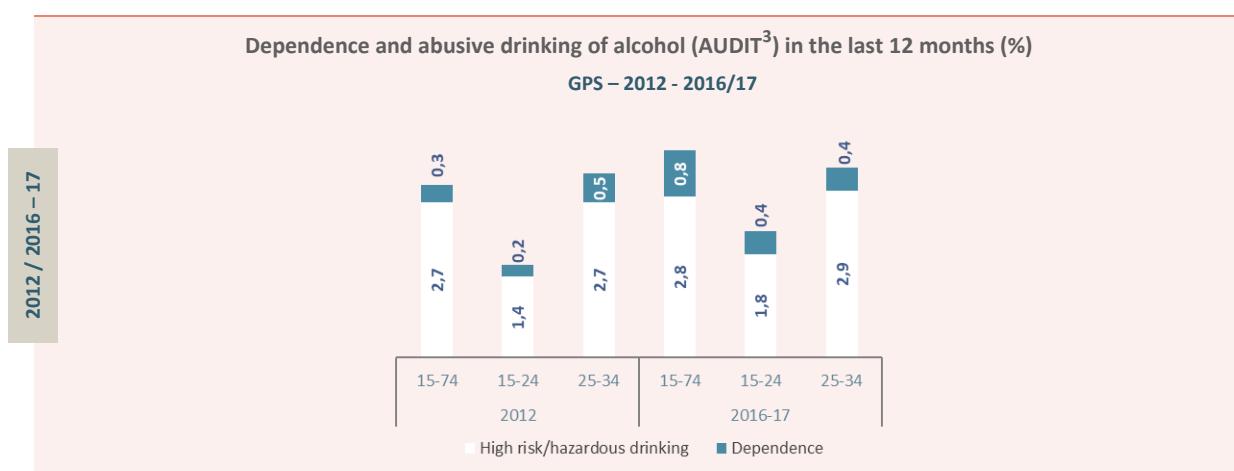
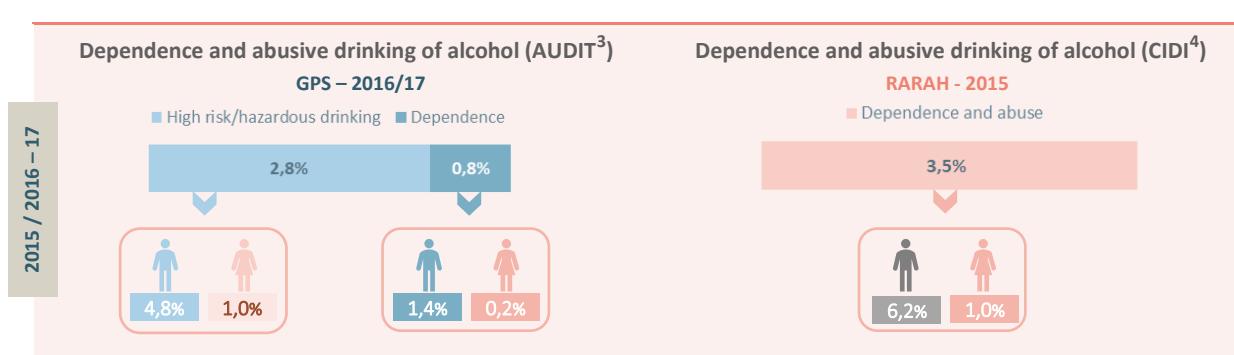
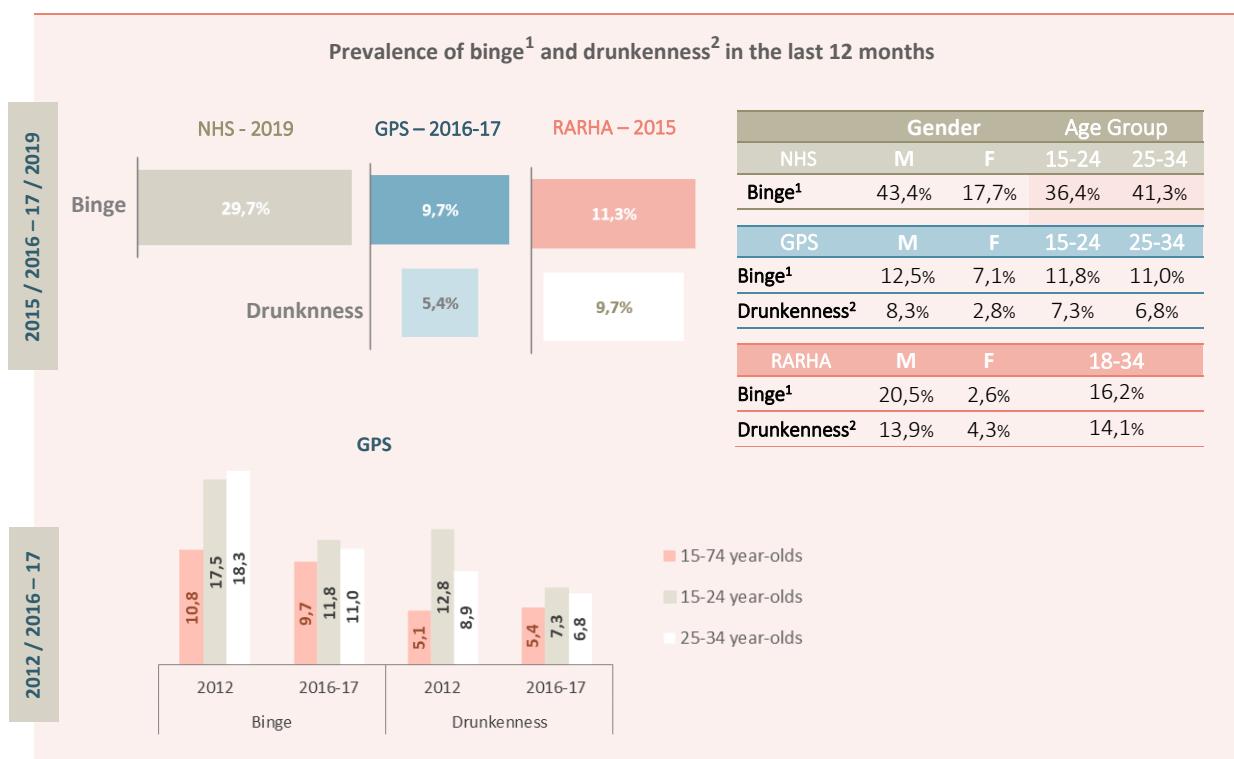
Gender / A.G.	NHS	GPS	RARHA
M	81,8%	68,4%	84,1%
F	58,5%	48,8%	60,6%
15-24	62,2%	49,2%	—
25-34	74,0%	53,6%	—
18-34	—	—	75,8%

*By type of alcoholic beverage*

## Patterns of consumption, by gender

**GPS – 2016-17****RARHA – 2015**

Abstainers - never drank before; Former drinkers – already drank before, but not in previous 12 months.

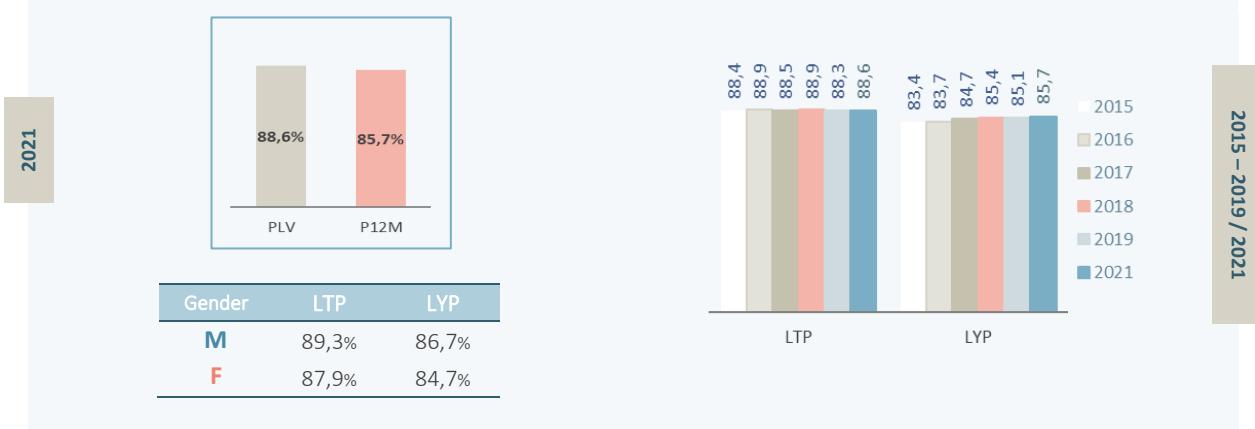
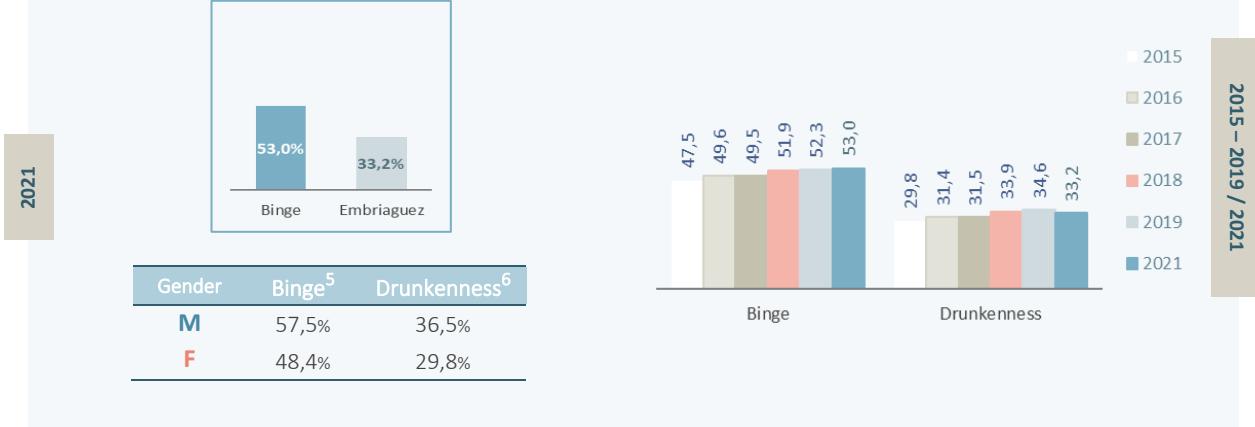
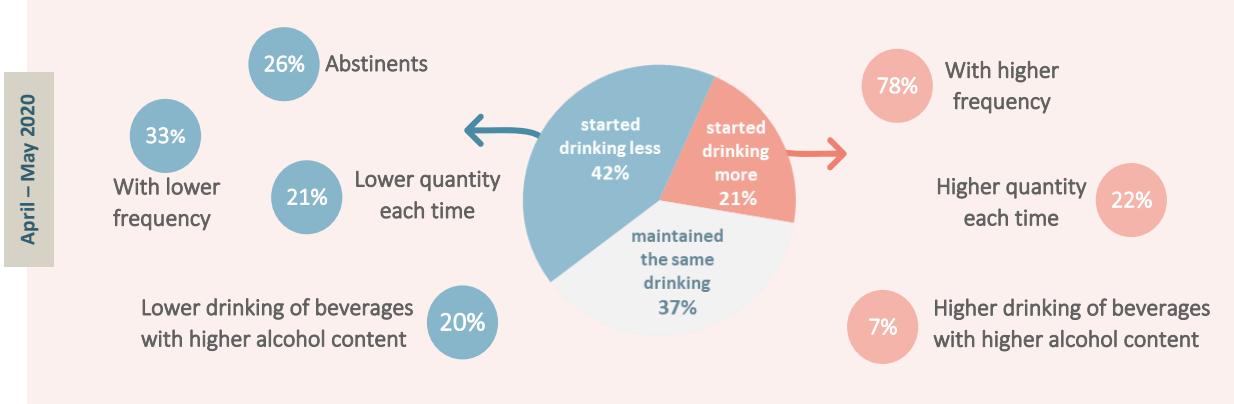


<sup>1</sup> Binge: GPS, 2016/17 - Consumption of 4 or more glasses (if female) or 6 or more glasses (if male) of any alcoholic beverage in the same occasion, In 2012, in the case of female, the question referred to consumption of 5 or more glasses; NHS - consumption of 6 or more alcoholic beverages in a specific occasion or event; RARHA - consumption of at least 60 g (if male) or 40 g (if female) of pure alcohol in the same occasion.

<sup>2</sup> Drunkenness: GPS-stagger when walking, difficulty in talking, vomit, not remembering what happened; RARHA-stagger when walking or having difficulty in talking.

<sup>3</sup> AUDIT- Alcohol Use Disorders Identification Test.

<sup>4</sup> CIDI - Composite International Diagnostic Interview – DSM criteria.

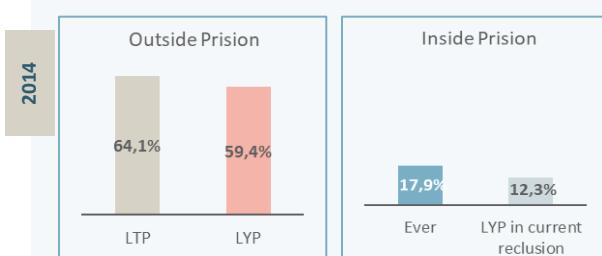
**Survey on the Young Participants of the National Defense Day (18 year-olds) [5]****Lifetime and last 12 months prevalence of use,  
Any alcoholic beverage****Binge<sup>5</sup> and drunkenness<sup>6</sup> in the last 12 months***Any alcoholic beverage***Addictive Behaviours in Times of Covid-19 Portugal ( $\geq 18$  year-olds) [6]****Changes in alcohol drinking during the COVID-19 period (%)**<sup>5</sup> Consumption of 5 or more glasses (if female) or 6 or more glasses (if male) of any alcoholic beverage in the same occasion.<sup>6</sup> Stagger when walking, difficulty in talking, vomit, not remembering what happened.

## PRISON SETTING

### *National Survey on Addictive Behaviours in Prison Settings ( $\geq 16$ year-olds) [7]*

**Lifetime and last 12 months prevalence of use,  
outside and inside prison**

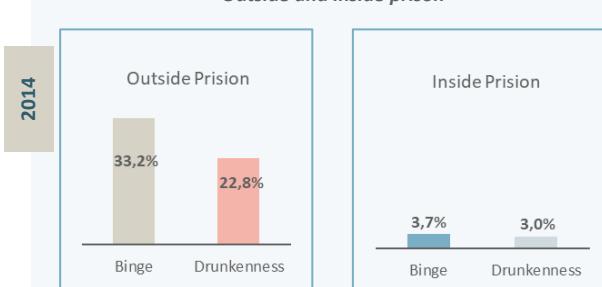
*Any alcoholic beverage*



Gender / A. G.	Last Year Prevalence (LYP)	
	Outside prison	Current reclusion
M	61,1%	13,1%
F	39,5%	6,2%
16-25	65,5%	18,9%
26-35	62,6%	14,2%

**Binge<sup>5</sup> and drunkenness<sup>6</sup> prevalence  
in the last 30 days**

*Outside and inside prison*



Outside prison	Gender		Age Group	
	M	F	16-25	26-35
Binge <sup>5</sup>	34,4%	21,0%	42,5%	39,9%
Drunkenness <sup>6</sup>	23,2%	17,9%	35,3%	27,4%

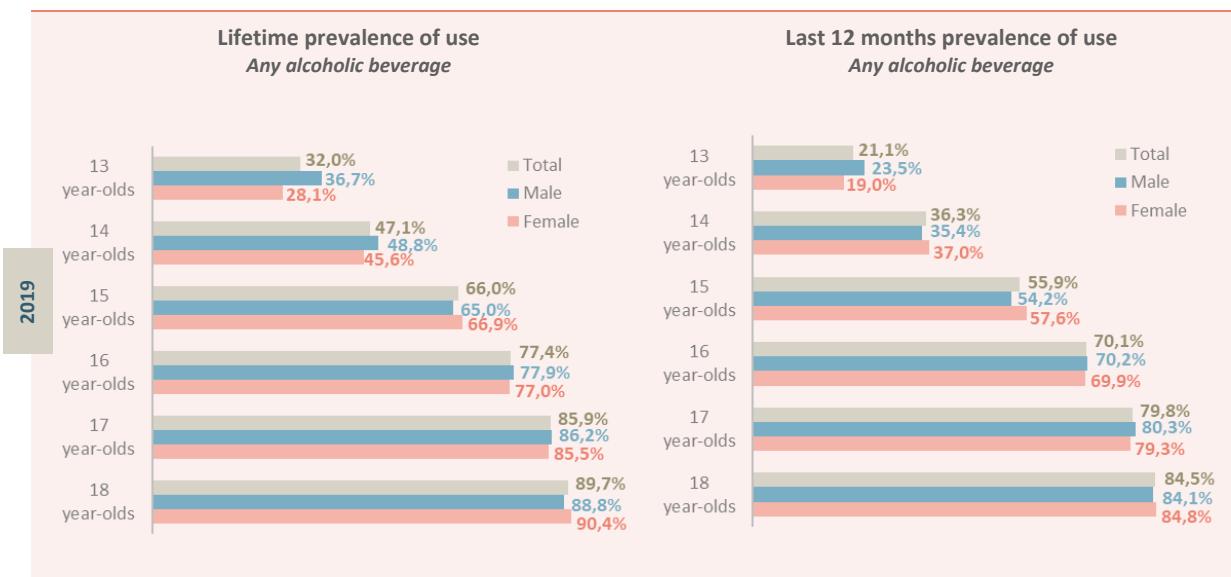
  

Inside prison	Gender		Age Group	
	M	F	16-25	26-35
Binge <sup>5</sup>	3,9%	0,6%	6,5%	4,9%
Drunkenness <sup>6</sup>	3,0%	2,5%	5,8%	3,9%

## SCHOOL SETTING

**Study on alcohol, tobacco and drugs use and other addictive behaviours and dependencies (13-18 year-olds)**

- Continental Portugal [8] [9] [10] [12]



Last 12 months prevalence of use (%)  
Any alcoholic beverage

■ 2011  
■ 2015  
■ 2019

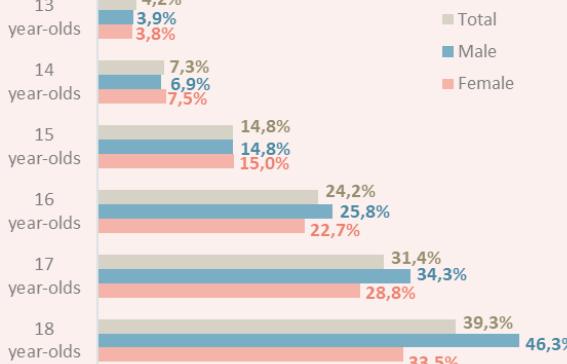


2011 / 2015 / 2019

Binge<sup>7</sup> prevalence in the last 30 days (%)

2019

■ Total  
■ Male  
■ Female



■ 2011  
■ 2015  
■ 2019

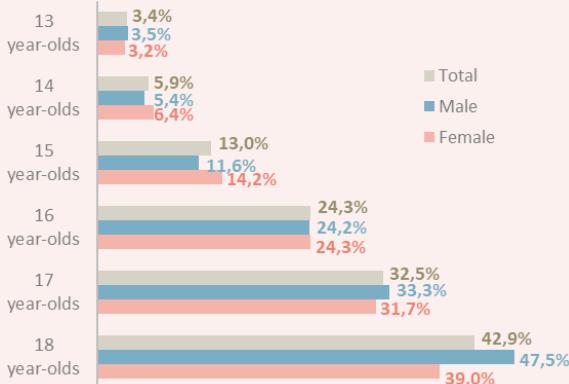


2011 / 2015 / 2019

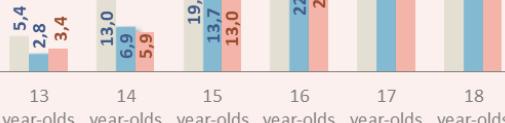
Drunkenness<sup>8</sup> prevalence in the last 12 months

2019

■ Total  
■ Male  
■ Female



■ 2011  
■ 2015  
■ 2019



2011 / 2015 / 2019

<sup>7</sup> Consumption of 5 or more drinks of any alcoholic beverage in one occasion.<sup>8</sup> Stagger when walking, difficulty in talking, vomit, not remembering what happened

## CUSTODIAL FACILITIES FOR YOUNG OFFENDERS SETTING

### Survey on Addictive Behaviours in Young Offenders in Custodial Facilities (14-20 year-olds) [11]

Lifetime prevalence of use\*, last 12 months before custody and last 12 months in the current custody<sup>9</sup>  
Any alcoholic beverage

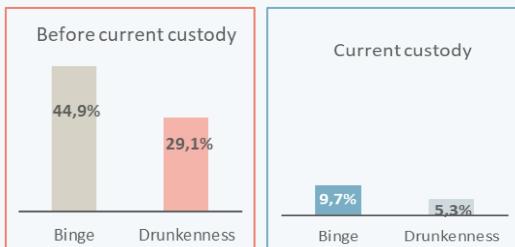
2015	LTP	before and/or after beginning custody	93,0%
	LYP	before current custody	82,3%
	LYP	current custody	32,1%

Gender / A.G.	LTP*	LYP	
		Before current custody	Current custody <sup>9</sup>
M	92,9%	83,3%	32,0%
F	93,3%	73,3%	33,3%
14-15	88,2%	70,6%	23,5%
16-17	91,3%	85,3%	27,3%
18-20	96,4%	82,1%	40,7%

\*Before and/or after the beginning of custody

Binge<sup>10</sup> and drunkenness<sup>11</sup> prevalence in the last 30 days

Before custody and in the current custody<sup>9</sup>

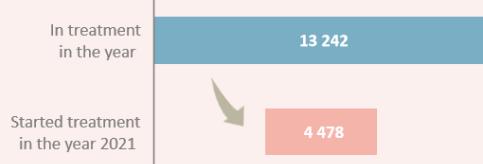


Before current custody	Gender		Age Group		
	M	F	14-15	16-17	18-20
Binge <sup>10</sup>	47,3%	26,7%	20,0%	47,5%	49,1%
Drunkenness <sup>11</sup>	30,4%	20,0%	13,3%	35,5%	26,0%
Current custody	M	F	14-15	16-17	18-20
Binge <sup>10</sup>	10,9%	0,0%	6,3%	9,1%	11,5%
Drunkenness <sup>11</sup>	5,9%	0,0%	6,3%	6,2%	3,8%

## SOME CONSEQUENCES RELATED WITH CONSUMPTION

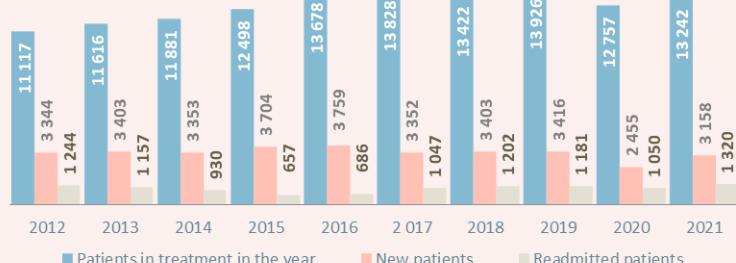
### Treatment [12]

#### Patients in treatment in the year and patients that started treatment in the year (n) (outpatient – public network)



Gender / Age Group	Patients in treatment in the year	Patients that started treatment in the year
M	79,7%	80,9%
F	20,3%	19,1%
≤ 34 year-olds	6,0%	9,8%
35 - 49	36,3%	40,3%
≥ 50 year-olds	57,7%	50,0%

#### Patients in treatment in the year and patients that started treatment in the year – new and readmitted (n) (outpatient – public network)



2012 - 2021

<sup>9</sup> While in custody, some young offenders have authorization to go outside the Facility, for weekends, vacations or to go to school/professional training.

<sup>10</sup> Consumption of 5 or more drinks (female) or 6 or more drinks (male) of any alcoholic beverage in one occasion.

<sup>11</sup> Stagger when walking, difficulty in talking, vomit, not remembering what happened.

**Hospital Discharges [12]**

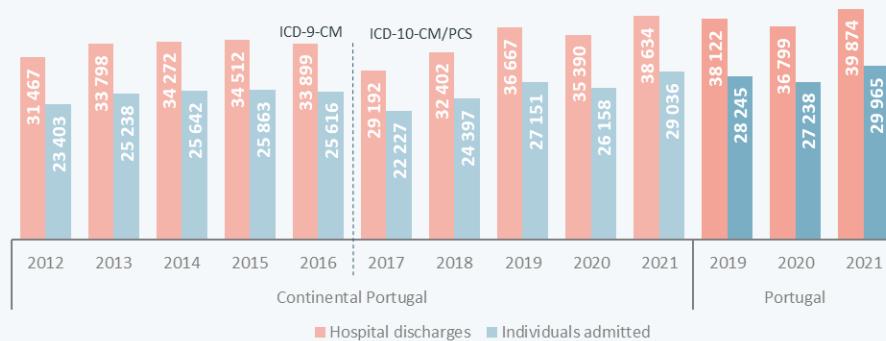
Hospital discharges related with alcohol use\* and individuals admitted (n)

Main or secondary diagnosis



In 2021 there were **39 874** hospital discharges with main or secondary diagnosis related with alcohol use\* involving **29 965** individuals in **Portugal**

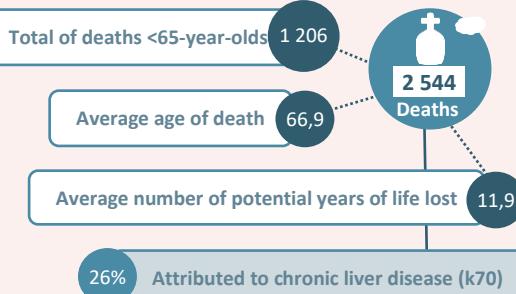
Gender / A. G.	Individual Admitted
M	87,5%
F	12,5%
≤ 65 year-olds	54,9%
≥ 65 year-olds	45,1%



2012 - 2021

**Hospital discharges related with alcohol use\***  
Main diagnosis

\*Hospital discharges with causes/conditions 100% attributable to alcohol use; ICD-9-CM (until 2016): 291; 303; 305.0; 357.5; 425.5; 535.3; 571.0 – 571.3; 760.71; 790.3; 977.3; 980.0; 980.1; 980.9. ICD-10-CM/PCS (since 2017): F10.10; F10.11; F10.12; F10.13; F10.14; F10.15; F10.18; F10.19; F10.20; F10.21; F10.22; F10.23; F10.24; F10.25; F10.26; F10.27; F10.28; F10.29; F10.92; F10.93; F10.94; F10.95; F10.96; F10.97; F10.98; F10.99; G31.2; G62.1; G72.1; I42.6; K29.2; K86.0; O35.4; P04.3; Q86.0; R78.0; T510X1A; T510X2A; T510X3A; T510X4A; T511X1A; T511X2A; T511X3A; T511X4A; T5191XA; T5192XA; T5193XA; T5194XA.

**Mortality [12]****General Registries - Deaths by diseases attributable to alcohol\***

Gender / A. G.	Deaths (%)	Potential Years of Life Lost (average)
M	79,3%	11,7 years
F	20,7%	13,3 years
< 65 year-olds	47,4%	
< 70 year-olds	60,5%	

\*Diseases attributable to alcohol CID-10: C00 – C15, F10, I42.6, K70, K85-86.0, X45. WHO criteria, used by Statistics Portugal.

## Deaths by diseases attributable to alcohol (n)\*



\*Diseases attributable to alcohol CID-10: C00 – C15, F10, I42.6, K70, K85-86.0, X45. WHO criteria, used by Statistics Portugal

2011 - 2020

## Specific Registries – Autopsy cases from the National Institute of Legal Medicine and Forensic Sciences

## Deaths by alcoholic intoxication

2021



Average age of death

54

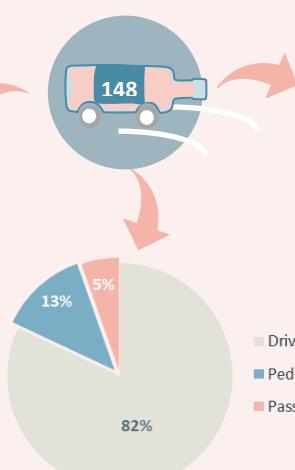
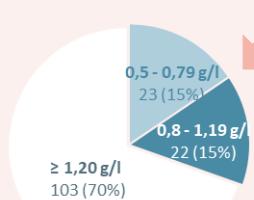
Gender / A. G.	Deaths (%)
M	75,6%
F	24,4%
≤ 34 year-olds	5,0%
35 – 49	22,5%
≥ 50 year-olds	72,5%

## Fatalities in road accidents

BAC ≥ 0,5 g/l

2021

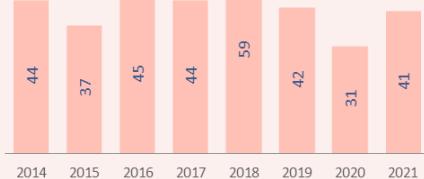
## Blood Alcohol Concentration



Gender / A. G.	Deaths (%)
M	95,3%
F	4,7%
≤ 34 year-olds	29,7%
35 – 49	27,0%
≥ 50 year-olds	43,3%

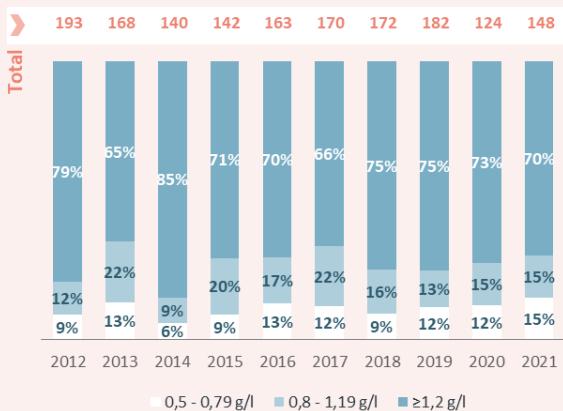
2014 - 2021

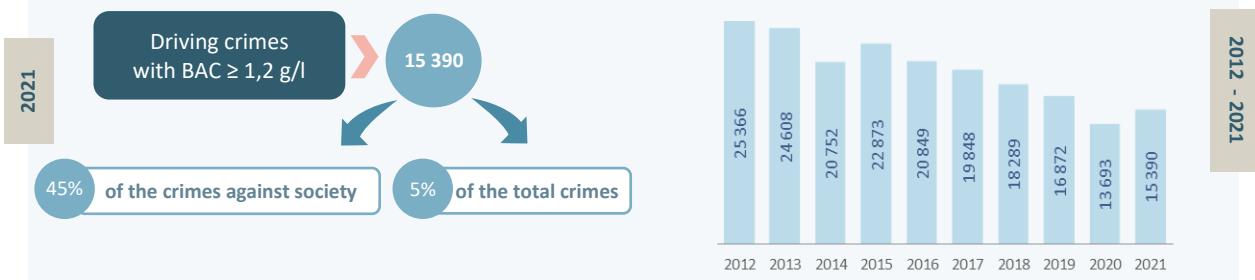
## Deaths by alcoholic intoxication (n)



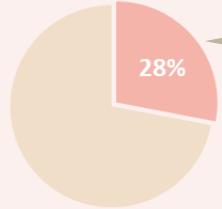
2012 - 2021

## Fatalities in road accidents – BAC ≥ 0,5g/l (%)

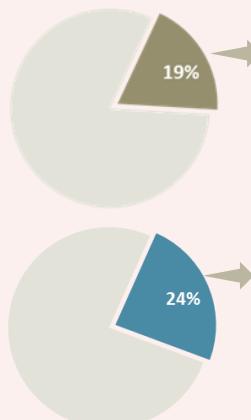


**SOCIAL / LEGAL PROBLEMS*****Criminality Directly Related with Alcohol Use [12]*****Recorded criminality – Driving offenses with BAC  $\geq 1,2 \text{ g/l}$** ***Indirect Criminality (Some Study Results) [7] [11]******National survey on addictive behaviours in prison settings  
( $\geq 16$  year-olds)***

2014

***Survey on addictive behaviours in young offenders in custodial facilities (14-20 year-olds)***

2015

**MARKETS*****Supply Control [12]*****Oversight of the alcohol commercial sales, alcohol consumption and making alcohol available (n)  
DL no. 106/2015, 16 June**

2021



Commercial facilities overseen



4 994

73

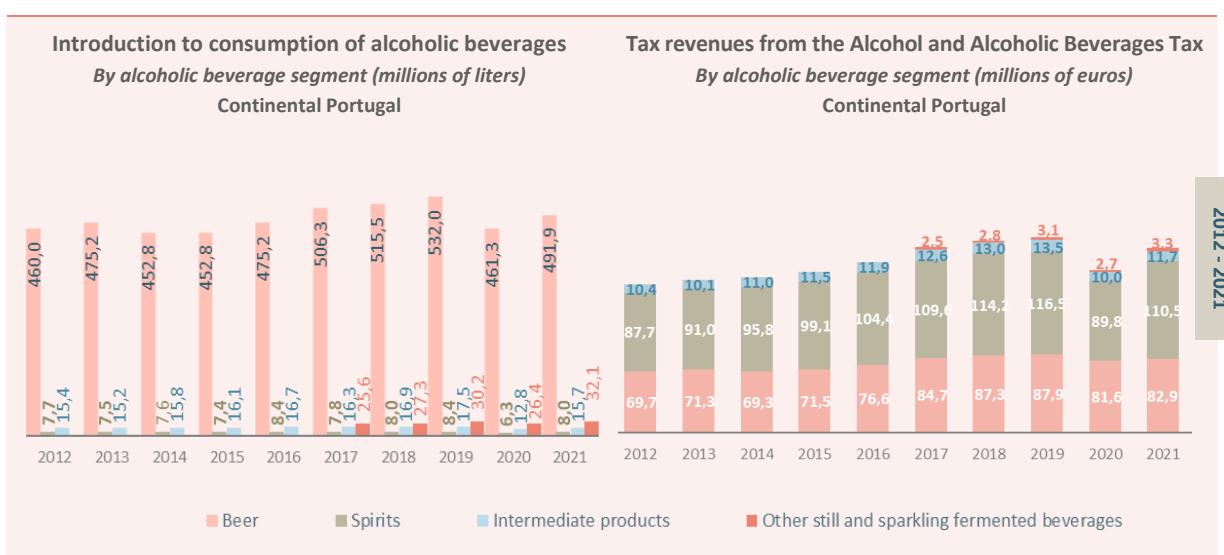
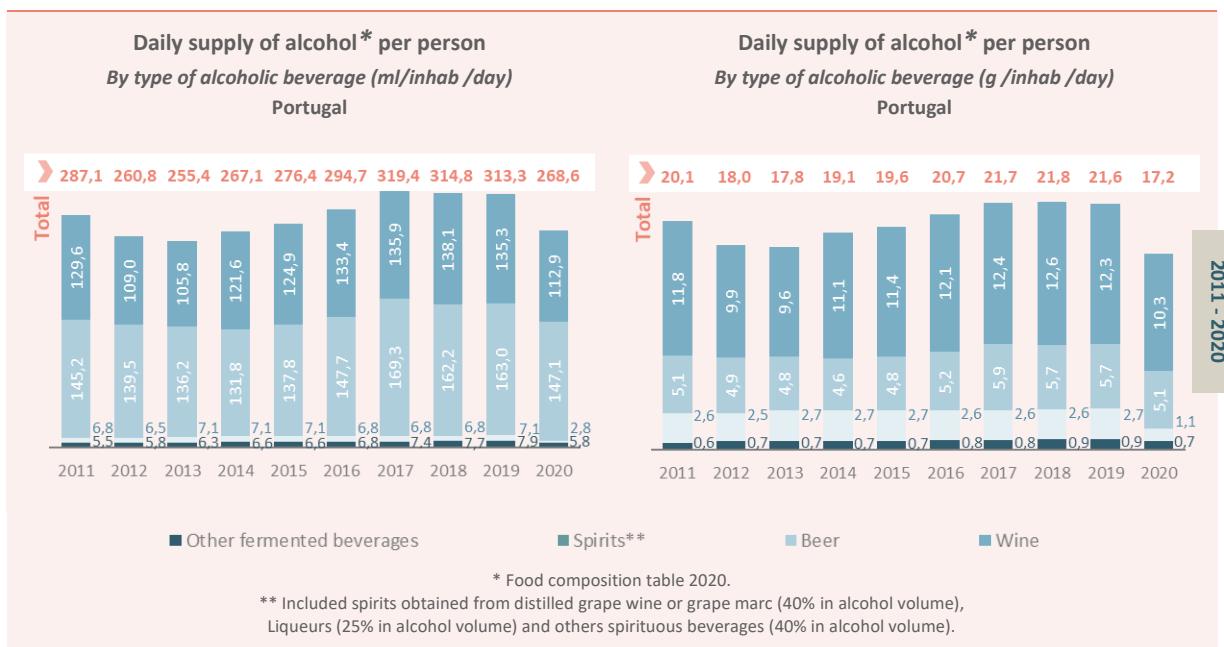
Offences detected

44



Offences with underage involved

Administrative offences proceedings with  
underage involved (Portugal Continental)

*Some Markets Indicators [12] [13]*

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[https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine\\_indadores&indOcorrCod=0009360&contexto=bd&selTab=tab2](https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_indadores&indOcorrCod=0009360&contexto=bd&selTab=tab2)
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