# Drinking indicators Czech Republic:

## Drinking status

**drin5_14**: (drinking status using a mixture of time frames, based on **q41, q42_1, q42_2, q42_3, q56**) values: 0 (lifetime abstainer); 1 (12 months abstainer); 2 (current drinker)

- if maximum of overall and beverage specific frequencies for the last 12 months greater than 0 (gefr5_14) => current drinker (drin5_14=2)
- if q56 (have you ever had a drink…?) is "yes" and gefr5_14=0 => 12 months abstainer (drin5_14=1)
- if q56 (have you ever had a drink…?) is "no" and gefr5_14=0 => lifetime abstainer (drin5_14=0)
- if q56 is missing and gefr5_14=0 => lifetime abstainer (drin5_14=0)

## frequencies

**gefr1_14**: (overall frequency, based on **q41**, last 12 months):
recoding:

| | |
|---|---|
| daily or almost daily | => 312 |
| 3-4 times per week | => 182 |
| 1 or 2 times per week | => 78 |
| 1 or 2 times per month | => 18 |
| 1 or 2 times per three months | => 6 |
| 1 or 2 times per six months | => 3 |
| 1 or 2 times per year | => 1.5 |
| not at all during the last year | => 0 |

**gefr5_14**: (overall frequency, based on **q41, q42_1, q42_2, q42_3**, last 12 months): maximum of overall and beverage specific frequencies gefr5_14= max(gefr1_14, befr1_14, wifr1_14, spfr1_14).

**nodd__14**: (annual number of drinking days, based on gefr5_14): nodd__14=gefr5_14

**befr1_14**: (annual frequency of drinking beer, based on **q42_1**) recoding (see gefr1_14)
**wifr1_14**: (annual frequency of drinking wine, based on **q42_2**) recoding (see gefr1_14)
**spfr1_14**: (annual frequency of drinking spirits, based on **q42_3**) recoding (see gefr1_14)

## quantities

**bequ1_14**: (usual quantity of drinking beer, based on **q43_a**) bequ1_14=q43_a*0.5*0.05*0.793*1000 (1 glass: 0.5 litres, 5%vol. alcohol contents)
**wiqu1_14**: (usual quantity of drinking wine, based on **q43_b**) wiqu1_14=q43_a*0.2*0.12*0.793*1000 (1 glass: 0.2 litres, 12%vol. alcohol contents)
**spqu1_14**: (usual quantity of drinking spirits, based on **q43_c**)
bequ1_14=q43_a*0.05*0.40*0.793*1000 (1 glass: 0.05 litres, 40%vol. alc. cont.)

***Data cleaning:***

We have done some data cleaning:

- If frequency was 0, quantity was set to 0 (for each beverage separately, spirits: 381 cases, beer: 295 cases, wine: 194 cases)
- If frequency is missing and quantity too, both are set to 0 (no consumption) (approximately 15 cases)
- If frequency is greater 0 and quantity is 0, quantity is set to the half of the lowest quantity (1/2 glass)
- If there is a frequency but no quantity: the missing quantities were imputed by the median quantity of all people with the same frequency. Frequencies were not imputed. (beer: 3 cases, wine: 18 cases, spirits: 47 cases)

## volume

**bevo1_14**: (annual volume beer, based on **befr1_14, bequ1_14**): annual frequency beer * usual quantity beer bevo1_14=befr1_14*bequ1_14
**wivo1_14**: (annual volume wine, based on **wifr1_14, wiqu1_14**): annual frequency wine * usual quantity wine wivo1_14=wifr1_14*wiqu1_14
**spvo1_14**: (annual volume spirits, based on **spfr1_14, spqu1_14**): annual frequency spirits * usual quantity spirits spvo1_14=spfr1_14*spqu1_14
**bsvo1_14**: (annual overall volume based on beverage specific measures, **bevo1_14, wivo1_14, spvo1_14**) sum of beverage specific annual volumes: bsvo1_14=bevo1_14+wivo1_14+spvo1_14

## Binge drinking

**bing1_14**: (based on **q44**: frequency of drinking 5+ beer **or** wine **or** spirits): recoding (see gefr1_14) minimum alcohol contents:
5 glasses of beer: 100 gr. ethanol
5 glasses of wine: 96 gr. ethanol
5 glasses of spirits: 80 gr. ethanol