Iceland drinking indicators

Drinking status

Drin1_18: (drinking status based on **v31** and quantity and beverage-specific information; **v33** (how often one drink during last 12 months), **v37** (quantity of beer drinking last 12 months), **v39** (quantity of wine drinking last 12 months), **v37** (quantity of spirits drinking last 12 months)

If person drinks wine, beer or spirits -> drin1_18 = 2 (current drinker).
If person didn't drink during last 12 months, but before -> drin1_18 = 1 (current abstainer).
If person never drank wine, beer, spirits -> drin1_18 = 0 (lifetime abstainer).
2 missings

Frequencies

Gefr1_18: (annual frequency of alcohol drinking, based on **v33** (frequency of drinking last 12 months)
Recoding into number of drinking days per year

Almost daily	-> 312
4 – 5 times per week	-> 234
2 – 3 times per week	-> 130
Approximately once a week	-> 52
A couple of times per month	-> 32
Approximately once a month	-> 12
A few times a year	-> 6.5
Once in the past 12 months	-> 1
Never in the past 12 months	-> 0

If person drinks no alcohol (drin1_18=0 or 1) gefr1_18 = 0.
Missings: 15 (0,6%)

Wifr1_18: (annual frequency of wine drinking, based on **v39** (frequency of wine drinking last 12 months))
Recoding into number of drinking days per year

Almost daily	-> 312
4 – 5 times per week	-> 234
2 – 3 times per week	-> 130
Approximately once a week	-> 52
A couple of times per month	-> 32
Approximately once a month	-> 12
A few times a year	-> 6.5
Once in the past 12 months	-> 1
Never in the past 12 months	-> 0

If person drinks no alcohol (drin1_18=0 or 1) wifr1_18 = 0.
Missings: 11

Befr1_18: (annual frequency of beer drinking, based on v37, frequency of beer drinking, last 12 months)
Recoding into number of drinking days per year

Almost daily	-> 312
4 – 5 times per week	-> 234
2 – 3 times per week	-> 130
Approximately once a week	-> 52
A couple of times per month	-> 32
Approximately once a month	-> 12
A few times a year	-> 6.5
Once in the past 12 months	-> 1
Never in the past 12 months	-> 0

If person drinks no alcohol (drin1_18=0 or 1) befre1_18 = 0.
Missings: 11

spfr1_18: (annual frequency of spirits drinking, based on v41, frequency of spirits drinking, last 12 months)
Recoding into number of drinking days per year

Almost daily	-> 312
4 – 5 times per week	-> 234
2 – 3 times per week	-> 130
Approximately once a week	-> 52
A couple of times per month	-> 32
Approximately once a month	-> 12
A few times a year	-> 6.5
Once in the past 12 months	-> 1
Never in the past 12 months	-> 0

If person drinks no alcohol (drin1_18=0 or 1) spfre1_18 = 0.
Missings: 18

Nodd__18: computing the maxima of overall and beverage specific frequencies (gefr1_18, wifr1_18, befr1_18 and spfr1_18)
Missings: 2

Quantities

Gequ1_18: (annual quantity of alcohol drinking, based on **v36** (number of drinks on one occasion) alcohol content of standard drink = 13g)

If person reports no frequency (missing) -> gequ1_18 = missing.
If gefr1_18 = 0 -> gequ1_18 = 0.
If person drinks no alcohol (drin1_18=0 or 1) gequ1_18 = 0.
Missings: 152 (6,2%)
145 people report frequency but no quantity -> imputation of the quantity by median of frequency group
7 missings remain
If person reports frequency but quantity=0 -> gequ1_18 = 0,5 (half of the smallest quantity).
Recalculate number of drinks into grams of pure alcohol -> gequ1_18 = gequ1_18*13.

Wiqu1_18: (annual quantity of wine drinking, based on **v40** (typical number of drinks (wine) (drink size wine = 0,125 l))
Recoding v40 into wiqul (litre of wine per drinking occasion)

Have never drunk wine, or have only ever tasted it	-> 0
Less than 1 glass of wine	-> 0,0625
1 glass of wine	-> 0,125
2-3 glasses of wine	-> 0,3125
About half a bottle of wine	-> 0,375
Less than 1 bottle of wine	-> 0,5625
About 1 bottle of wine	-> 0,75
More than 1 bottle of wine	-> 0,84375

If person reports no frequency (missing) -> wiqu1_18 = missing.
If wifr1_18 = 0 -> wiqu1_18 = 0.
If person drinks no alcohol (drin1_18=0 or 1) or wine (wifre1_18=0) wiqul = 0.
Missings: 20
If person reports frequency but no quantity -> Imputation of the quantity by median of frequency group.
If person reports frequency but quantity=0 -> wiqu1_18 = 0,03125 (half of the smallest quantity).
11 missings remain

Recalculate into grams of pure alcohol -> wiqu1_18 = wiqul * 0,125 (alcohol content wine) * 0,793 * 1000

Bequ1_18: (annual quantity of beer drinking, based on **v38** (typical number of drinks (beer) (drink size beer = 0,33 l))
Recoding v38 into bequl (litre of beer per drinking occasion)

Have never drunk beer, or have only ever tasted it	-> 0
Less than 1 small can or bottle	-> 0,165
About 1 small can or bottle	-> 0,33
About 2 small cans or bottles	-> 0,66
About 3 small cans or bottles	-> 0,99
About 4-5 small cans or bottles	-> 1,485
About 6-9 small cans or bottles	-> 2,475
10 small cans or bottles	-> 3,3

If person drinks no alcohol (drin1_18=0 or 1) or beer (befre1_18=0) bequl = 0.
If person reports no frequency (missing) -> bequ1_18 = missing.
If befr1_18 = 0 -> bequ1_18 = 0.
Missings: 102

If person reports frequency but no quantity -> Imputation of the quantity by median of frequency group.
If person reports frequency but quantity=0 ->bequ1_18 = 0,0825 (half of the smallest quantity).
11 missings remain

Recalculate into grams of pure alcohol -> bequ1_18 = bequl * 0,05 (alcohol content beer) * 0,793 * 1000

Spqu1_18: (annual quantity of spirits drinking, based on **v42** (typical number of drinks (spirits) (drink size spirits = 0,05 l))
Recoding v42 into spqul (litre of spirits per drinking occasion)

A single drink	-> 0,05
A double drink	-> 0,1
About 3 drinks	-> 0,15
3-5 double drinks	-> 0,4
More than a quarter of a bottle	-> 0,175
Less than half a bottle	-> 0,2625
About half a bottle	-> 0,35
More than half a bottle	-> 0,39375

If person drinks no alcohol (drin1_18=0 or 1) or spirits (spfre1_18=0) spqul = 0.
If person reports no frequency (missing) -> spqu1_18 = missing.
If spfr1_18 = 0 -> spqu1_18 = 0.
Missings: 53

If person reports frequency but no quantity -> Imputation of the quantity by median of frequency group.
18 missings remain

Recalculate into grams of pure alcohol -> spqu1_18 = spqul * 0,38 (alcohol content spirits) * 0,793 * 1000

Binge

Bing1_18: binge drinking, based on **v35** (5+ drinks on a single day, last 12 months)
Recoding v35 into bing1_18 (binge drinking days per year)

Almost daily	-> 312
4-5 times per week	-> 234

2-3 times per week	-> 130
Approximately once a week	-> 52
A couple of times per month	-> 32
Approximately once a month	-> 12
A few times a year	-> 6,5
Once in the past 12 months	-> 1
Never in the last 12 months	-> 0

If person doesn't drink alcohol (drin1_18 = 0 or 1) -> bin1_18 = 0.
32 missings

Volumes

Gevo1_18: (annual volume of alcohol drinking, computing the product of gefr1_18 and gequ1_18)
15 missings

Wivo1_18: (annual volume of wine drinking)
Creating wivo1_18 by computing the product of wifr1_18 (frequency of wine) and wiqu1_18 (quantity of wine per drinking occasion).
11 missings

bevo1_18: (annual volume of beer drinking)
Creating bevo1_18 by computing the product of befr1_18 (frequency of beer) and bequ1_18 (quantity of beer per drinking occasion).
11 missings

spvo1_18: (annual volume of spirits drinking)
Creating spvo1_18 by computing the product of spfr1_18 (frequency of spirits) and spqu1_18 (quantity of spirits per drinking occasion).
18 missings

Bsvo1_18: computing the sum of beverage-specific annual volumes (wivo1_18, bevo1_18 and spvo1_18).
2 missings