Sweden Drinking Indicators

Drinking Status

drin1_09: drinking status (based on **audit1 (q34)** (overall frequency), **kons12m (q31)** (drinking status last 12 months) **konsliv (q32)** (ever consumed alcohol))

- If person reports frequency (gefr6_09 > 0) => drin1_09 = 2 (current drinker).
- If person reports no frequency (gefr6_09 = 0) and person is not a lifetime abstainer (konsliv=1) => drin1_09 = 1 (current abstainer)
- If person reports no frequency and is a lifetime abstainer (konsliv=2) => drin1_09 = 0 (lifetime abstainer.

No missings

Frequencies

gefr6_09: overall frequency based on **audit1 (q34)** (overall frequency) and **kons12m (q31)** (drinking status last 12 months)

Recoding into number of drinking days per year

Never	-> 0
Once a month or more seldom	-> 6,5
2 – 4 times a month	-> 36
2 – 3 times a week	-> 130
4 times a week or more	-> 286

If person drinks no alcohol (disregarding light beer, kons12m=2) -> gefr6_09 = 0.

4 missings (0,1%)

wifr1_09: frequency of wine drinking (based on **oftavin (q45)** (How often drunk wine during last 12 months?)

recoding into number of wine drinking days

almost every day	-> 338
4 – 5 times a week	-> 234
2 – 3 times a week	-> 130
approx once a week	-> 52
2 – 3 times a month	-> 30
approx once a month	-> 12
a few times only	-> 6,5
once	-> 1
never	-> 0

4 missings

Not asked in sub sample c

befr1_09: frequency of beer drinking (based on **oftasol (q43)**) frequency of medium and strong beer)

recoding into number of beer drinking days

almost every day	-> 338
4 – 5 times a week	-> 234
2 – 3 times a week	-> 130
approx once a week	-> 52
2 – 3 times a month	-> 30
approx once a month	-> 12
a few times only	-> 6,5
once	-> 1
never	-> 0

5 missings

Not asked in sub sample c

spfr1_09: frequency of spirits drinking (based on **oftasp (q47)**)

recoding into number of beer drinking days

almost every day -> 338
4 – 5 times a week -> 234
2 – 3 times a week -> 130
approx once a week -> 52
2 – 3 times a month -> 30
approx once a month -> 12
a few times only -> 6,5
once -> 1
never -> 0

5 missings
Not asked in sub sample c

oafr1_09: frequency of folk beer drinking (based on **oftafol (q41)**)
recoding into number of beer drinking days
almost every day -> 338
4 – 5 times a week -> 234
2 – 3 times a week -> 130
approx once a week -> 52
2 – 3 times a month -> 30
approx once a month -> 12
a few times only -> 6,5
once -> 1
never -> 0

6 missings
Not asked in sub sample c

obfr1_09: frequency of cider drinking (based on **oftacid (q48a)**)
recoding into number of beer drinking days
almost every day -> 338
4 – 5 times a week -> 234
2 – 3 times a week -> 130
approx once a week -> 52
2 – 3 times a month -> 30
approx once a month -> 12
a few times only -> 6,5
once -> 1
never -> 0

10 missings
Not asked in sub sample c

nodd__09: number of drinking days
nodd__09 = maximum of gefr1_09, befr1_09, wifr1_09, spfr1_09, oafr1_09 and obfr1_09
2 missings

gffr1_09: annual frequency in days, based on the graduated frequency
gffr1_09= sum of the (capped) frequencies gfa2, gfa3, gfa4, gfa5, gfa6, gfa7. (see below: gfvo6_09).
Only asked to sub-sample C
No missings

Quantities

wiqu1_09: usual quantity of wine drinking (based on **vin75 (q46b)**, **vin37 (q46a)** and **vingl15 (q46c) =** wine quantity in cl), alcohol content 12,43%

- recalculated into amount of pure alcohol -> winequantity (0,15/0,37/0,75) * 0,1243 (alcohol content) * 0,793 * 1000
- If person has missing frequency -> wiqu1_09 = missing (4 cases)
- 8 people report frequency but quantity = 0 -> wiqu1_09 = 0.74 (half of the smallest quantity)

Not asked in sub sample c
No missings (except sub sample c)

bequ1_09: usual quantity of beer drinking (based on **sol33 (q44a)**, **sol50 (q44b)**, **solgl20 (q44c)** and **solgl40 (q44d)** = beer quantity in cl), alcohol content 5,589%

- recalculated into amount of pure alcohol -> beerquantity (0,33/0,50/0,20/0,40) * 0,05589 (alcohol content) * 0,793 * 1000
- If person has missing frequency -> bequ1_09 = missing (5 cases)
- 9 people report frequency but quantity = 0 -> bequ1_09 = 4,43 (half of the smallest quantity)

Not asked in sub sample c
1 missing (except sub sample c)

spqu1_09: usual quantity of spirits drinking (based on **sp35 (q48a), sp70 (q48b), spgl4 (q48c), spgl6 (q48d)** and **spcl (q48e)**= spirits quantity in cl), alcohol content 38,15%

- recalculated into amount of pure alcohol -> spiritsquantity (0,35/0,70/0,04/0,06/0,01) * 0,3815 (alcohol content) * 0,793 * 1000
- If person has missing frequency -> spqu1_09 = missing (5 cases)
- 16 people report frequency but quantity = 0 -> spqu1_09 = 1,51 (half of the smallest quantity)

1 missing (except sub sample c)

oaqu1_09: usual quantity of folk beer drinking (based on **fol33 (q42a), fol50 (q42b), folgl20 (q42c)** and **folgl40 (q42d)** = folk beer quantity in cl), alcohol content 3,2%.

- recalculated into amount of pure alcohol -> folk beerquantity (0,33/0,50/0,20/0,40) * 0,032 (alcohol content) * 0,793 * 1000
- If person has missing frequency -> oaqu1_09 = missing (6 cases)
- 10 people report frequency but quantity = 0 -> oaqu1_09 = 2,53 (half of the smallest quantity)

2 missings (except sub sample c)

obqu1_09: usual quantity of cider drinking (based on **cid33 (q48ca), cid50 (q48cb), cidgl20 (q48cc)** and **cidgl40 (q48cd)** = cider quantity in cl), alcohol content 4,91%

- recalculated into amount of pure alcohol -> ciderquantity (0,33/0,50/0,20/0,40) * 0,0491 (alcohol content) * 0,793 * 1000
- If person has missing frequency -> obqu1_09 = missing (10 cases)
- 10 people report frequency but quantity = 0 -> obqu1_09 = 3,89 (half of the smallest quantity)

6 missing (except sub sample c)

gequ6_09: usual overall quantity (based on **audit2 (q35**)), alcohol content of a standard drink: 15 ml
recoding into number of drinks

1 – 2	-> 1,5
3 – 4	-> 3,5
5 – 6	-> 5,5
7 – 9	-> 8
10 or more	-> 11,25

recalculate into amount of pure alcohol -> number of drinks * 0,015 (alcohol content) * 0,793 * 1000
4 missings (0,1%)

Volumes

bevo1_09: annual volume of beer drinking

- compute the product of bequ1_09 and befr1_09

5 missings (except sub-sample C)

wivo1_09: annual volume of wine drinking

- compute the product of wiqu1_09 and wifr1_09

4 missings (except sub-sample C)

spvo1_09: annual volume of spirits drinking

- compute the product of spqu1_09 and spfr1_09

5 missings (except sub-sample C)

oavo1_09: annual volume of folk beer drinking

- compute the product of oaqu1_09 and oafr1_09

6 missings (except sub-sample C)

obvo1_09: annual volume of cider drinking

- compute the product of obqu1_09 and obfr1_09

10 missings (except sub-sample C)

bsvo1_09: annual volume based on beverage specific information

- computing the sum of bevo1_09, wivo1_09, spvo1_09, oavo1_09 and obvo1_09

4 missings (except sub-sample C)

gevo6_09: annual volume of alcohol drinking

- compute the product of gequ1_09 and gefr1_09

4 missings (0,1%)

gfvo6_09: annual volume, based on graduated frequency **gf20plus (q39a), gf1220 (q39b), gf0811 (q39c), gf567 (q39d), gf34 (q39e), gf12 (q39f)**, frequency 20+/12-20/8-11/5-7/3-4/1-2 drinks per occasion; **maxdrink (q38)** largest number of drinks on one occasion; alcohol content 15 ml (one drink)

recoding all frequency variables into number of drinking days (into gfa2-gfa7)

basically every day	-> 338
4 – 5 a week	-> 234
2 – 3 a week	-> 130
approx 1 a week	-> 52
2 – 3 times a month	-> 30
approx once a month	-> 12
only a few times	-> 6,5
once in the past 12 months	-> 1
never	-> 0

Some people report summary frequency of more than 365 days. Correction for those cases: each frequency (gfa1-gfa7) is multiplied with 365/(sum of frequencies(gfa1-gfa7))

calculate the volumes

gfhelp2 = gfa2 * 22.25 (20+ drinks) * 0.015 * 0.793 * 1000
gfhelp3 = gfa3 * 15.5 (12-19 drinks) * 0.015 * 0.793 * 1000
gfhelp4 = gfa4 * 9.5 (8-11 drinks) * 0.015 * 0.793 * 1000
gfhelp5 = gfa5 * 6 (5-7 drinks) * 0.015 * 0.793 * 1000
gfhelp6 = gfa6 * 3.5 (3-4 drinks) * 0.015 * 0.793 * 1000
gfhelp7 = gfa7 * 1.5 (1-2 drinks) * 0.015 * 0.793 * 1000

computing gevo6_09 by building the sum of gfhelp2+gfhelp3+ gfhelp4+ gfhelp5+ gfhelp6+ gfhelp7

No missings

Only asked for sub-sample C

Binge

bing6_09: binge drinking (based on **audit 3 (q37)** (frequency of drinking 6 or more drinks at one occasion))

recoding into number of binge drinking (6+ glasses) days

never	-> 0
once a month or less often	-> 6,5
2 – 4 times a month	-> 36
2 – 3 times a week	-> 130
4 times a week or more	-> 286

9 missings

bigf1_09: frequency of binge drinking based on graduated frequencies

- building the sum of gfa2, gfa 3, gfa4 and gfa5 (frequency of drinking 20plus, 12-19, 8-11 and 5-7 drinks per occasion (see above)

No missings

Only asked for sub-sample C