INFORMATION ON THE NORDIC ALCOHOL MARKET 2016



Alko Inc.

National Institute for Health and Welfare (THL)

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Introduction

The "INFORMATION ON THE NORDIC ALCOHOL MARKET" —report contains information on national economies and populations, Nordic alcohol systems, taxation of alcoholic beverages, alcohol consumption and travelers' imports of alcoholic beverages in the Nordic countries as well as selling and pricing of alcoholic beverages by the Nordic alcohol monopoly companies. The report also includes information about public opinion on alcohol policy and customer satisfaction rates of the alcohol monopoly companies. Information on the Nordic alcohol monopoly companies is also given with regard to personnel, beverage brands, packaging, sales, social control and Nordic CSR cooperation. The countries included in the review are Finland, Iceland, Norway and Sweden with state off-premise retail alcohol monopoly companies, as well as Denmark which has no tradition of state alcohol monopolies. The off-premise alcohol retail monopoly company in the Faroe Islands (an autonomous part of Denmark), Rúsdrekkasølu, is also included in this report.

THIS REPORT gathered by Alko Inc. is part of a series of reports, first gathered for Alko's own purposes in 1999. Alko has since then expanded the comparative statistics of the Nordic countries. However, statistics on alcohol-related harms are not included in this report as to avoid overlapping with other publications like the *Nordic Alcohol Statistics*. *Information on the Nordic Alcohol Market* has now for the twelfth time been published in English. This report will also be distributed outside Alko Inc. like to the other Nordic alcohol monopoly companies and alcohol monopolies in Canada and the United States as well as civil servants, alcohol researchers and other stakeholders.

THIS PUBLICATION has been compiled by Johanna Hallberg (johanna.hallberg@alko.fi), Alko Inc., Finance and Esa Österberg (esa.osterberg@thl.fi) National Institute for Health and Welfare (THL), Department of Health, Alcohol and Drugs Unit.

Summary

Populations and national economies

By population the Nordic countries are small countries in the European scale. Sweden, with its 9.8 million inhabitants, is the largest Nordic country followed by Denmark with 5.6 million and Finland with 5.5 million inhabitants. The Norwegian population is 5.2 million, and that of Iceland is 0.3 million. The Faroe Islands, an autonomous region of Denmark, has 50 000 inhabitants.

The Nordic countries have stable national economies with similar economic developments. The gross domestic product (GDP) corrected according to purchasing power parity is EUR 61 649 per capita in Norway and between EUR 37 000 and EUR 43 200 per capita in all other Nordic countries.

Advertising of alcoholic beverages

All advertising of alcoholic beverages is prohibited by law in the Faroe Islands, Iceland and Norway. In Finland and Sweden, advertising of strong alcoholic beverages is prohibited by law. In Finland advertising of alcoholic beverages of at most 22 per cent ethyl alcohol by volume and in Sweden of at most 15 per cent ethyl alcohol by volume is allowed with certain restrictions concerning the content of advertising and the media used. In Denmark the advertising of alcoholic beverages is regulated by voluntary agreements.

The minimum legal age limits for purchasing alcohol

In Iceland, the minimum legal age for purchasing alcoholic beverages is 20 years, for both off-and on-premise retail sales. The same minimum age is also applied in Norway, for on-and off-premise purchases of strong alcoholic beverages, and in Sweden for off-premise purchase of all alcoholic beverages in Systembolaget. The same applies for Finland for off-premise purchases of strong alcoholic beverages. In Denmark, the minimum legal age for off-premise purchase of alcohol is 16 years for wine and beer and 18 for strong alcoholic beverages. In other instances, the age limit for purchasing alcohol off-and on-premise is 18 years in the Nordic countries.

The scope of the alcohol monopolies in the Nordic countries

With the exception of Denmark, all the Nordic countries have a state-owned off-premise retail alcohol monopoly. The extent of the monopoly rights, however, is different. The alcohol monopoly in Iceland, ATVR, has a monopoly on the retail sale of all beverages over 2.25 per cent

alcohol by volume; in Norway there is a monopoly of all alcoholic beverages over 4.7 per cent by volume. Consequently, alcoholic beverages up to 4.7 per cent alcohol by volume can be sold in ordinary grocery stores.

In Sweden Systembolaget has a monopoly of all beverages over 2.25 per cent alcohol by volume, except for beer up to 3.5 per cent alcohol by volume, which can also be sold in grocery stores, kiosks and petrol stations. In the Faroe Islands all alcoholic beverages over 2.8 per cent by volume are sold in monopoly stores with the exception of beer, which can also be sold by producers in the brewery outlets.

In Finland, all alcoholic beverages over 4.7 per cent alcohol by volume are sold in monopoly stores with two exceptions. First, Finnish farm wineries can sell their own berry-wines containing a maximum of 13 per cent alcohol by volume as off-premise sales. The same goes for Finnish sahti-producers, sahti being a traditional Finnish ale. Secondly, the off-premise retail sale of beverages containing distilled alcohol over 2.8 per is only permitted in the alcohol monopoly's stores. Besides ordinary grocery stores, fermented beverages (beer, cider or long drinks) up to 4.7 per cent alcohol by volume can also be sold in kiosks and petrol stations.

ATVR's, Rúsdrekkasølu's and Systembolaget's market shares of the recorded alcohol consumption are between 73 and 79 per cent. The corresponding shares for Vinmonopolet and Alko are 48 and 40 per cent respectively. To a large extent, the differences in market shares are explained by the fact that in Finland and Norway, medium strength beer is sold in grocery stores whereas in Iceland, the Faroe Islands and Sweden, medium strength beer is sold only through the alcohol monopoly companies. When compared to the total alcohol consumption, Systembolaget's market share has increased to 62 per cent while Vinmonopolet's market share is 38 per cent and Alko's 32 per cent. For ATVR the share of the total alcohol consumption is 69 per cent.

Sales networks of the alcohol monopoly companies

The number of off-premise retail sale stores of the alcohol monopoly companies in relation to the population is highest in Iceland and the Faroe Islands. In Finland, the number of stores per capita is higher than in Sweden, although there are notably more order points in Sweden than in Finland. In Norway, the number of alcohol monopoly retail stores per capita is between that in Sweden and Finland. In Norway the alcohol monopoly

does not have any order points. Almost all off-premise retail sale stores of the Nordic alcohol monopoly companies are nowadays self-service stores.

The availability of alcoholic beverages in the Nordic countries is further endorsed by the postal deliveries of orders made to the monopolies. In Iceland and Norway it is also possible to order alcoholic beverages from the monopoly's websites, and in Sweden there is an ongoing experiment with internet sales in a limited number of municipalities.

The opening hours of alcohol monopoly stores are longest in Finland. Alko stores are open 64 hours per week. In Iceland the longest weekly total hours of service is 58 and in Sweden 55. The most typical weekly total hours of service are 50 and 46 in Sweden and Norway respectively, 43 in Iceland and 29.5 in the Faroe Islands. In all the Nordic countries, the alcohol monopoly stores are closed on Sundays.

Other sales networks of alcohol

In Finland, Norway and Sweden, some alcoholic beverages are also available in grocery stores. In Sweden, grocery stores can only sell beer containing at most 3.5 per cent of alcohol by volume. In Finland, grocery stores are allowed to sell fermented beverages containing at most 4.7 per cent of alcohol by volume, and in Norway all alcoholic beverages containing at most 4.7 per cent of alcohol by volume. In Finland and Sweden, those alcoholic beverages sold in grocery stores are also allowed to be sold in kiosks and gasoline stations. Furthermore, in Finland, wine farms located outside densely populated areas have the right to sell their own wine products up to 13 per cent alcohol by volume directly to consumers offthe premise. Similarly, in the Faroe Islands breweries are allowed to sell their own beer products off-the premise to consumers. In Finland, Iceland, Norway and Sweden citizens can legally acquire alcoholic beverages also via internet from abroad but according to the law they should pay domestic excise duties on them.

Iceland has the largest number of restaurants per capita, 231 restaurants per 100 000 inhabitants. Sweden and Norway have the smallest number, 132 and 142 restaurants per 100 000 inhabitants respectively. Finland has 150 restaurants and The Faroe Islands 173 restaurants per 100 000 inhabitants. A majority of restaurants are licensed to serve all alcoholic beverages. In Finland, however, approximately one fifth of all restaurants are allowed to serve only beer.

Taxation of alcohol

On a European level the Nordic countries stand out as countries with high alcohol taxation. In a Nordic

comparison, taxation is lowest in Denmark and highest in Norway. In all the Nordic countries, except Iceland, the tax on strong alcoholic beverages is heavier than the tax on other alcoholic beverages. The taxation of intermediate products is also heavier than that on wine and beer in all Nordic countries except Norway and Denmark. In Norway the tax per centiliter of ethyl alcohol is the same for intermediate products, wine and beer. In Finland the taxation of spirits is notably lower than in Sweden, but the taxation of all other alcoholic beverages is higher in Finland than in Sweden. In Finland the tax on beer is higher than that on wine. In Denmark, the Faroe Islands and Sweden the tax on beer is slightly lower than that on wine.

Pricing in alcohol monopolies

The Nordic alcohol monopoly companies follow the principles of impartiality and transparency in pricing. The suppliers are informed in advance of the rules applied to the pricing of retail sale products. The retail price of an alcoholic beverage is composed of the beverage's purchase price, the alcohol monopoly sales margin and potential deposit, excise duty on alcohol, any potential environmental or beverage package tax, and value added tax.

The prevailing pricing practice in the Nordic alcohol monopolies uses a coefficient principle. The sales margin is included in the prices by the so-called pricing coefficient. The coefficient is directed to the purchase price of the beverage, though in Finland, Norway and Sweden, it excludes the beverage package tax. In Iceland and the Faroe Islands the coefficient is directed to the purchase price and includes the beverage package tax. The sales margin consists of ordinary selling costs in addition to the required management expenses and business profit.

Prices of alcoholic beverages

Each of the monopolies have fixed prices for all alcoholic beverage brands, meaning the prices do not vary between the national monopoly stores in different parts of a country. Of all Nordic countries, Denmark has the lowest prices of alcoholic beverages. However, the pricing information for Denmark is not presented in this report, as the prices vary from store to store. In addition to the fluctuations in the currencies, the high excise duty on alcohol in the Nordic countries indicates that the prices of alcoholic beverages varies according to the country in question, mainly in compliance with the alcohol tax. This explains the relatively low prices in Denmark.

Travelers' imports of alcoholic beverages

In the beginning of 2004, the possibilities for Finnish, Swedish and Danish travelers to import alcoholic beverages tax-free from other EU countries increased considerably when quantitative quotas for travelers tax free alcohol imports were abandoned. Tax-free import of alcoholic beverages from countries outside the EU is still regulated by quotas in all EU countries. In the Faroe Islands, Iceland and Norway these quantitative import quotas apply to all countries visited. The estimates and research results of alcoholic beverages imported by travelers differ considerably both by amounts and by the year the amounts have been estimated for. In Norway, the amount of travelers' tax-free imports of alcoholic beverages in 2007 was about 0.8 litres and Denmark in 2010 about 1.1 litres of alcohol per population 15 years and older. In 2015 the equivalent amount was in Finland 1.8 litres and in Sweden 1.6 litres. In Iceland alcohol imports figures per adult population are clearly lower than in the other Nordic countries.

Total consumption of alcoholic beverages

Statistics of alcohol consumption causes some problems. World Drink Trends published by Productschap Voor Gedistilleerde Dranken in association with NTC Publications came out last time in 2005. This means that the time series on per capita alcohol consumption given from 1961 ended in 2003. For the Nordic countries we collected for this publication per capita consumption data until 2013. Nowadays consumption figures are given per inhabitants 15 years and older, and we have not tried to recalculate the 1961-2013 figures per inhabitants 15 years and older. Instead we have given the 1961-2013 figures in Annex 1, and in this report we give alcohol consumption figures by beverage categories per capita aged 15 years and over like the World Health Organization also does nowadays.

The Finnish total alcohol consumption in 2015 was about 10.8 litres per population 15 years and older. In Denmark the corresponding figure was about 10.4 litres, followed by Sweden with a total alcohol consumption of about 9.2 litres per adult population. In the Faroe Islands it was lower than in Sweden, 8.4 litres and in Iceland 7.9 litres per adult population. In the Nordic countries the lowest per capita alcohol consumption is found in Norway, 7.6 liters alcohol per population 15 years and older. Recorded alcohol consumption has risen in all Nordic countries since the beginning of the 1960s. The increase in alcohol consumption was particularly strong in the 1960s and 1970s.

Consumption of alcoholic beverages by product groups

Among the Nordic countries per adult consumption of strong alcoholic beverages is highest in Finland. In all Nordic countries, the recorded consumption of strong alcoholic beverages was higher in the middle of the 1980s than at present.

During recent decades, the annual recorded consumption of wine has increased in all Nordic countries. The highest per adult figure is found in Denmark followed by Sweden. In Sweden recorded consumption of wine is higher than in Norway, Iceland and Finland.

In tandem with the overall consumption, beer consumption went up in all Nordic countries in the 1960s and 1970s. Since then it has come down in Denmark. In Norway it has slightly increased. In Finland the recorded consumption of beer did increase in the 1980s, but has then settled. Also in Sweden, recorded consumption of beer increased in the 1980s, but has decreased since then. In the Faroe Islands and especially in Iceland, the recorded consumption of beer has increased since the 1970s.

Public opinion on alcohol policy and customer satisfaction rates

In all Nordic countries, public opinion surveys on alcohol policy show that the majority of the population is satisfied with the present alcohol restrictions. This applies in particular to the legal minimum age limits for alcohol purchase. A large part of the general public wants to limit the sale of wines to the monopoly outlets and do not wish to extend the sales to grocery stores. The inhabitants of Finland, Iceland, Norway and Sweden have been asked about their attitude to the monopolies' sole right to sell alcoholic beverages with regard to restricting the harmful effects of alcohol. Roughly two-thirds of the respondents support the present monopolies' sole right to sell alcoholic beverages. The customer satisfaction for the alcohol monopoly companies has stayed on a high level during the last years.

Nordic partnership: A sustainable supply chain

The Nordic alcohol monopolies have worked, since 2008, in close partnership on the subject of corporate social responsibility (CSR) with the aim of developing a sustainable supply chain for alcoholic beverages. This has resulted that the Code of Conduct has been included in all supplier agreements as from the beginning of 2012. The Code of Conduct refers to international conventions.

The Code of Conduct is a set of principles and values that reflect the beliefs of Nordic alcohol monopolies and the expectations they have towards their business

partners. The principles and values represent the aspirational goals and minimum expectations that Nordic alcohol monopolies have with regard to their supply chains social conduct.

Obeying domestic laws is the first obligation of business enterprises. In countries where domestic laws and regulations are in conflict with, or set a different standard of protection than the Code of Conduct, business enterprises should see ways to abide by the principles that provide the highest protection to the workers and environment. The Nordic alcohol monopolies value cooperation, constructive and open dialogue in order to strive continuous improvement in the supply chains.

Concepts

Alcoholic beverage:

The concept of alcoholic beverage is defined differently in different countries and in different contexts. In general, alcoholic beverage is defined as a beverage containing ethyl alcohol intended for consumption by drinking. The minimum alcohol content for a beverage to be alcoholic beverage varies in the Nordic countries: in Sweden and Iceland it is 2.25 per cent of ethyl alcohol by volume, in Norway 2.5 per cent and in Finland as well as the Faroe Islands 2.8 per cent of ethyl alcohol by volume. The Danish legislation has no general definition for an alcoholic beverage.

Off-premise retail sale of alcoholic beverages:

Domestic sales of alcoholic beverages to consumers, when alcoholic beverages are not consumed in the place of sale. In practice this means selling alcoholic beverages in the alcohol monopoly stores, grocery stores, kiosks and gasoline stations or other similar shops.

On-premise retail sale of alcoholic beverages:

Domestic selling of alcoholic beverages to consumers, when alcoholic beverages are consumed in the place of sale. In practice these would include selling of alcoholic beverages in restaurants, bars, cafés and other similar places.

Alcohol monopoly:

An alcohol monopoly has sole right for off-premise retail selling of all alcoholic beverages or majority of alcoholic beverages prescribed by law.

Total consumption of alcoholic beverages:

The sum of recorded and unrecorded consumption of alcoholic beverages.

Recorded consumption of alcoholic beverages:

The sum of domestic off-premise retail sale and onpremise retail sale of alcoholic beverages.

Unrecorded alcohol consumption:

Alcoholic beverages imported by travelers minus alcoholic beverages exported by foreign travelers, home brewed and fermented alcoholic beverages and illegal private distilling, smuggling, substitutes of alcohol. In Finland, alcohol consumed by Finnish tourists abroad is also included in unrecorded alcohol consumption. In other Nordic countries the amount of alcohol consumed by tourists abroad is not included in unrecorded consumption.

Purchasing power parity GDP:

The value of the total production of national economy, taking into account the purchasing power of consumers.

Inflation rate:

The change in consumer prices per year.

Unemployment rate:

The percentage of unemployed labor force.

Labor force:

The number of employed and unemployed labor together.

Exchange rates:

The price comparisons have been converted into euros according to the exchange rates of average year 2015. According to these rates one euro equals SEK 9.3535, NOK 8.9496, ISK 146.7, DKK 7.4587. Alcohol excise duty rates have been converted to euros by Spirits Europe and they have used the exchange rate prevailing on 1st October 2015 which were for one euroSEK 9.3754, NOK 9.4565, ISK 156.68, DKK 7.4605. The exchange rate one euro for USD is 1.1095.

Populations and national economies in 2015

| | GDP, billion, € | GDP, Purchasing power parity, € per capita | GDP, Average growth in 2011–2015, % |
|---------------|--------------------|--|---|
| Finland | 207 | 37 044 | 0,5 |
| Sweden | 444 | 43 173 | 2,4 |
| Norway | 351 | 61 649 | 1,9 |
| Denmark | 266 | 41 190 | 0,7 |
| Iceland | 15,1 | 41 550 | 2,7 |
| Faroe Islands | 2,2 | 32 988 ¹⁾ | 5,0 |

| | Average inflation in 2011–2015, % | Labour force, million | Unemployment rate, % |
|---------------|-----------------------------------|--------------------------|----------------------|
| Finland | 2,0 | 2,67 | 9,4 |
| Sweden | 0,8 | 5,18 | 7,4 |
| Norway | 1,6 | 2,78 | 4,4 |
| Denmark | 1,4 | 2,77 | 4,7 |
| Iceland | 3,3 | 0,19 | 3,8 |
| Faroe Islands | 0,2 | 0,03 | 2,4 |

| | Population, | Population, Age structure , percentage of age group, % | | | |
|---------------|-------------|--|------|-------|-------------|
| | million | older, million | 0-14 | 15-64 | 65 and over |
| Finland | 5,49 | 4,59 | 16 | 63 | 20 |
| Sweden | 9,85 | 8,16 | 17 | 63 | 20 |
| Norway | 5,21 | 4,27 | 18 | 66 | 16 |
| Denmark | 5,71 | 4,75 | 17 | 65 | 19 |
| Iceland | 0,33 | 0,26 | 20 | 66 | 14 |
| Faroe Islands | 0,05 | 0,04 | 20 | 64 | 16 |

1) 2014

Sources: CIA World Fact Book, Eurostat, Statistics Denmark, Statistics Faroe Islands, Statistics Finland Statistics Iceland, Statistics Norway, Statistics Sweden

Regulations on alcohol advertising

Situation as at 1st January 2016

Finland: Advertising of alcoholic beverages at most 22 per cent alcohol by volume is allowed. The content of the advertisements is restricted and restrictions apply to all beverages containing over 1.2 per cent alcohol by volume. Advertising in television and in radio is forbidden from 7 a.m. to 10 p.m.. Since 2015 alcohol advertising in public places is prohibited with some exceptions. The ban would apply to alcohol advertisement based on content and games distributed by consumers as well as advertising based on lotteries or competitions. (Alcohol Act, Chapter 5, §33)

Sweden: Advertising of alcoholic beverages at most 15 per cent by volume is allowed. The content of the advertisements is restricted. It is forbidden by law to advertise alcohol in radio or television. (Alcohol Act, Chapter 4, §11)

Norway: Advertising of all alcoholic beverages over 2.5 percent alcohol by volume is prohibited by the Alcohol Act. (Alcohol Act, Chapter 9, §2)

Denmark: Advertising of alcoholic beverages is mostly regulated by voluntary agreements. It is, however, forbidden by law to advertise alcohol to the youth as well as place advertising in radio or tv-programs meant for young people.

Iceland: Advertising of all alcoholic beverages, i.e. beverages over 2.25 per cent alcohol by volume, is prohibited by the Alcohol Act.

Faroe Islands: Advertising of all alcoholic beverages, i.e. beverages over 2.8 per cent alcohol by volume, is prohibited bythe Alcohol Act.

Sources: www.nosam.net, www.finlex.fi, www.rixlex. riksdgen.se, www.lovdata.no



FAROE ISLANDS



Minimum legal age for purchasing alcoholic beverages

Situation as at 1st January 2016

Off-premise retail sale

| | Mild alcoholic beverages | Strong alcoholic beverages |
|---------------|-----------------------------|----------------------------|
| Finland | 18 | 20 |
| Sweden | 20 | 20 |
| Norway | 18 | 20 |
| Denmark | 16 | 18 |
| Iceland | 20 | 20 |
| Faroe Islands | 18 | 18 |

On-premise retail sale

| | Mild alcoholic beverages | Strong alcoholic beverages |
|---------------|-----------------------------|-------------------------------|
| Finland | 18 | 18 |
| Sweden | 18 | 18 |
| Norway | 18 | 20 |
| Denmark | 18 | 18 |
| Iceland | 20 | 20 |
| Faroe Islands | 18 | 18 |

Finland: Alcohol content of mild alcoholic beverages is 22 % alcohol by volume at most.

The age limit for purchasing mild alcoholic beverages applies to all beverages

containing a minimum of 1.2 % of alcohol by volume.

Sweden: The age limit of purchasing light medium beer ("Folköl" in Swedish) with an

alcohol content between 2.8 and 3.5 % alcohol by volume is 18 years.

Norway: The age limit of purchasing mild alcoholic beverages applies to all beverages

containing a minimum of 1.2 % alcohol by volume. The limit of strong

alcoholic beverages is 22 % or more alcohol by volume.

Denmark: The age limit of purchasing alcoholic beverages applies to all beverages

containing a minimum of 1.2 % alcohol by volume. Minimum legal age for strong alcoholic beverages applies to all alcoholic beverages containing more

than 16.5 % alcohol by volume.

Sources: www.nosam.net, www.finlex.fi, www.rixlex.riksdgen.se, www.lovdata.no

Scope of the Nordic alcohol monopoly companies

Situation as at 1st January 2016

The extent of the monopoly rights

| Alko (Finland) | Alcoholic beverages, beverages withan alcohol content over 2.8 % by volumewith the exception of fermented alcoholicbeverages with an alcohol content of 4.7 % by volume at most and Finnish farmwinery products 13 % by volume at most. |
|----------------------------------|---|
| Systembolaget (Sweden) | Alcoholic beverages, beverages with an alcohol content of over 2.25 % by volume with the exception of beers with an alcohol content of 3.5 % by volume at most. |
| Vinmonopolet (Norway) | All alcoholic beverages with an alcoholcontent over 4.7 % by volume. |
| ATVR (Iceland) | All alcoholic beverages, beverages withan alcohol content over 2.25 % by volume. |
| Rúsdrekkasølu (Faroe Islands) | Alcoholic beverages, beverages with an alcohol content over 2.8 % by volume to an alcohol content not exceeding 60.0 % by volume. Exception of beers and ciders with an alcohol content 5.8 % by volume at most in beer producer's shops. |

Sources: Nordic alcohol monopoly companies

Market shares in 2015

Monopoly's **share of recorded alcohol consumption**, calculated in litres of 100 % alcohol



Monopoly's **share of total alcohol consumption**, calculated in litres of 100 % alcohol



Sources: Nordic alcohol monopoly companies, Folkhelseinstituttet, CAN, THL, Valvira

Sales network of the Nordic alcohol monopoly companies

Situation as at 1st January 2016

Off-premise retail stores of the Nordic alcohol monopoly companies

| | Number of stores | Stores per 100 000 inhabitants | Proportion of self-service stores % | Number of order points |
|---------------|---------------------|--------------------------------------|---|------------------------|
| Finland | 351 | 6,4 | 100 | 95 |
| Sweden | 436 | 4,4 | 99 | 500 |
| Norway | 307 | 5,9 | 100 | 0 |
| Iceland | 50 | 15,0 | 100 | 0 |
| Faroe Islands | 7 | 14,3 | 100 | 2 |

Sales by mail and internet

| | Sales by mail | Sales by Internet | Notes |
|---------------|------------------|----------------------|---|
| Finland | yes | no | Sales by mail only in sparsely populated areas. |
| Sweden | yes | yes | The goods bought by internet are delivered to Systembolaget stores. There is also a trial of home delivery in selected areas. |
| Norway | yes | yes | The goods are mainly delivered by mail or to Vinmonopolet stores. There are also home delivery in selected areas. |
| Iceland | yes | yes | The goods bougth by internet are delivered to ATVR stores. Also home delivery to customers which have a distance of more than 25 km from ATVR store. The post office checks the age control in those instances. |
| Faroe Islands | yes | no | The age verification control is made in the post office. |

Opening hours of the alcohol monopoly company stores

The most common opening hours 1st January 2016

| | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total per week |
|---------------|----------|----------|----------|----------|----------|-------|--------|-------------------|
| Finland | 9-20 | 9-20 | 9-20 | 9-20 | 9-20 | 9-18 | closed | 64 |
| Sweden | 10-19 | 10-19 | 10-19 | 10-19 | 10-19 | 10-15 | closed | 50 |
| Norway | 10-18 | 10-18 | 10-18 | 10-18 | 10-18 | 9-15 | closed | 46 |
| Iceland | 11-18 | 11-18 | 11-18 | 11-18 | 11-19 | 11-18 | closed | 43 |
| Faroe Islands | 13-17.30 | 13-17.30 | 13-17.30 | 13-17.30 | 10-17.30 | 10-14 | closed | 29.5 |

The longest opening hours 1st January 2016

| | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total per week |
|---------------|----------|----------|----------|----------|-------|-------|--------|-------------------|
| Finland | 9-20 | 9-20 | 9-20 | 9-20 | 9-20 | 9-18 | closed | 64 |
| Sweden | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 | 10-15 | closed | 55 |
| Norway | 10-18 | 10-18 | 10-18 | 10-18 | 9-18 | 9-15 | closed | 47 |
| Iceland | 10-20 | 10-20 | 10-20 | 10-20 | 10-20 | 10-18 | closed | 58 |
| Faroe Islands | 10-17.30 | 10-17.30 | 10-17.30 | 10-17.30 | 10-19 | 10-14 | closed | 43 |

Other off-premise retail sale outlets for alcoholic beverages

| | Year | Other retail outlets | Producers shops ¹⁾ | Other retail outlets per 100 000 inhabitants |
|---------------|------|-------------------------|----------------------------------|--|
| Finland | 2015 | 5 264 ²⁾ | 30 | 96 |
| Sweden | 2014 | 6 587 ³⁾ | 0 | 67 |
| Norway | 2013 | 4 460 4) | 0 | 86 |
| Iceland | 2015 | 0 | 0 | 0 |
| Faroe Islands | 2015 | 0 | 9 | 0 |

| | Year | Kiosks may apply for a licence to sell alcohol | Gas stations may apply for a licence to sell alcohol | Possibility to legally buy on the internet from abroad |
|---------------|------|--|--|--|
| Finland | 2015 | yes ²⁾ | yes ²⁾ | yes |
| Sweden | 2015 | yes 3) | yes 3) | yes |
| Norway | 2015 | no | no | yes 5) |
| Iceland | 2015 | no | no | yes |
| Faroe Islands | 2015 | no | no | no |

- 1) In Finland farm winery shops and in Faroe Islands brewery outlets.
- 2) Only fermented alcoholic beverages with an alcohol content at most 4.7 % alcohol by volume.
- 3) Only beer with an alcohol content at most 3.5 % alcohol by volume.
- 4) All alcoholic beverages with an alcohol content at most 4.7 % alcohol by volume.
- 5) Norwegian custom declaration is needed.

Sources: Nordic alcohol monopoly companies, Statens folkhälsomyndighet, Valvira

On-premise retail sale networks for alcoholic beverages

| | Year | All drinks | Wine and beer only | Beer only | Total | Total per 100 000 inhabitants |
|---------------|------|------------|-----------------------|------------------|----------------------|-------------------------------------|
| Finland | 2015 | 6 032 | 410 | 1800¹) | 8 242 | 150 |
| Sweden | 2015 | 11 872 | 737 | 22 ²⁾ | 12 967 ³⁾ | 132 |
| Norway | 2013 | 6 376 | 964 | 59 | 7 399 | 142 |
| Iceland | 2015 | na | na | na | 768 | 231 |
| Faroe Islands | 2015 | 77 | 3 | na | 85 | 173 |

- 1) Beer only restaurants are allowed to sell only fermented alcoholic beverages at most 4.7% alcohol by volume.
- 2) Beer only restaurants are allowed to sell only strong beer (beer with an alcohol content over 3.5 % alcohol by volume). Selling lower alcohol content beer takes place without a license.
- 3) Includes also 180 traffic restaurants and 156 other restaurants (e.g., serving in theaters or operas between the acts).

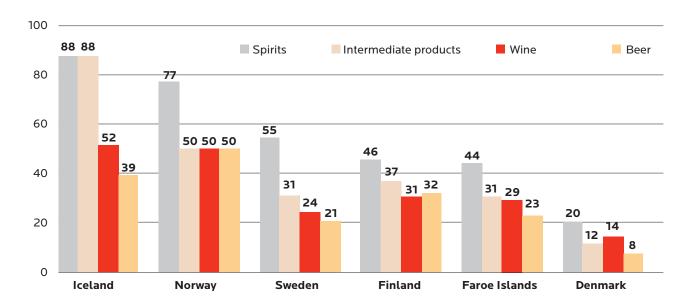
Sources: Nordic alcohol monopoly companies, Statens folkhälsomyndighet, Valvira



Alcohol excise duty rates and value-added tax rates in the Nordic countries

Situation as at 1st January 2016

Euro per litre of 100 % alcohol



| | Spirits | Intermediate products ¹ | Wine ¹ | Beer | VAT, % | Surtax |
|---------------|---------|---------------------------------------|-------------------|--------------------|--------|--------|
| Finland | 45.5 | 37.2 | 30.8 | 32.0 ²⁾ | 24.0 | yes |
| Sweden | 54.6 | 31.2 | 24.4 | 20.7 | 25.0 | no |
| Norway | 77.3 | 50.3 | 50.3 | 50.3 | 25.0 | yes |
| Denmark | 20.1 | 11.6 | 14.2 | 7.5 ²⁾ | 25.0 | yes |
| Iceland | 88.1 | 88.1 | 51.8 | 39.3 | 11.0 | yes |
| Faroe Islands | 44.2 | 30.5 | 29.2 | 23.1 ³⁾ | 25.0 | yes |

- 1) Excise duty is calculated on the basis of a beverage containing 18 % ethyl alcohol by volume for intermediate products and on the basis of a beverage containing 11 % ethyl alcohol by volume for wines.
- 2) Finland and Denmark have tax relieves for small breweries.
- 3) Excise duty of beer in Faroe Islands is calculated on the beer containing more than 4.6% but less than 5.8% ethyl alcohol by volume.

Sources: Spirits Europe, European commission, ATVR, Rúsdrekkasølu

Alcohol excise duty rates in the EU member states and some other countries

Situation as at 1st January 2016

Euro per litre of 100 % alcohol

| | Cultura | Intermediate | Min - | D |
|---------------------|--------------|--------------|-----------|-----------|
| EU's minimum tax | Spirits 6 | products | Wine 0 | Beer 2 |
| | 6 | 3 | 0 | 2 |
| Bulgaria Croatia | 7 | 6 | | 5 |
| | | | 0 | |
| Romania | 7 9 | 5 3 | 0 | 2 |
| Spain | | | | |
| Cyprus | 10 | 3 | 0 | 6 |
| Italy | 10 | 5 | 0 | 8 |
| Luxembourg | 10 | 4 | 0 | 2 |
| Czech Republic | 10 | 5 | 0 | 3 |
| Hungary | 11 | 5 | 0 | 5 |
| Slovakia | 11 | 5 | 0 | 4 |
| Austria | 12 | 4 | 0 | 5 |
| Portugal | 13 | 4 | 0 | 4 |
| Germany | 13 | 9 | 0 | 2 |
| Slovenia | 13 | 7 | 0 | 12 |
| Lithuania | 13 | 7 | 7 | 3 |
| Poland | 13 | 4 | 3 | 5 |
| Latvia | 14 | 6 | 6 | 4 |
| Malta | 14 | 8 | 2 | 5 |
| The Netherlands | 17 | 8 | 8 | 8 |
| France | 17 | 10 | 0 | 7 |
| Estonia | 19 | 12 | 9 | 7 |
| Denmark | 20 | 12 | 14 | 8 |
| Greece | 26 | 6 | 0 | 7 |
| Switzerland * | 27 | 13 | 0 | 5 |
| Belgium | 30 | 9 | 7 | 5 |
| UK | 38 | 27 | 34 | 25 |
| Ireland | 43 | 34 | 39 | 23 |
| Turkey * | 45 | 67 | 15 | 30 |
| Finland | 46 | 37 | 31 | 32 |
| Sweden | 55 | 31 | 24 | 21 |
| Norway * | 77 | 50 | 50 | 50 |
| Iceland * | 88 | 88 | 52 | 39 |

^{*} Non EU-country

 $Sources: Spirits\ Europe,\ European\ commission,\ ATVR,\ R\'usdrekkas\"{\it ø}lu$

Pricing principles of the Nordic alcohol monopoly companies

Situation as at 1st January 2016

Price concept and pricing coefficient

| | The basic price | Pricing coefficient ²⁾ | Exceptions of pricing coefficient |
|---------------|--|---|---|
| Alko | The back door price (BDP) 1) without taxes | Spirits: 1.56 Other strong beverages: 1.50 Mild and fortified wine: 1.54 Long drinks: 1.81 Beers: 1.67 | Lower pricing coefficient for more expensive beverages |
| Systembolaget | Purchase price without taxes | 1.19 | - |
| Vin-monopolet | Purchase price without taxes | 1.22 + a fixed margin of 8.90 NOK per liter | Coefficient decreases when margin goes over 80 NOK. Maximum margin is 110 NOK. Minimum margin is 4 NOK. |
| ATVR | Purchase price with taxes | Alcohol content: under 22 % by volume: 1.18 over 22 % by volume: 1.12 | - |
| Rúsdrekkasølu | Purchase price with taxes | Distilled spirits: 1.46 (+20.00 DKK per liter) Wine: 1.17 (+14.00 DKK per liter) Fortified wine: 1.20 (+10.00 DKK per liter) Beers: 1.25 | - |

- 1) The price at the back door of the retail outlet (BDP): The purchasing price (excl. alcoholic beverage taxes) added to central warehouse and shop delivery costs.
- 2) The pricing coefficient is the coefficient that, adjusted to the original price, contributes to a part of the margin.

Pricing principles of the Nordic alcohol monopoly companies

Situation as at 1st January 2016

Minimum margin and rounding

| | Margins | Rounding in local currency |
|---------------|--|--|
| Alko | Minimum margin: General: 1.25 €/litre (minim. 0.64 €/sales unit) | If price is under 20 euro: to the nearest 1 cent |
| | Beers and long drinks: 0.78 €/litre (minim. 0.29 €/sales unit) | If price is over 20 euro: to the nearest 10 cent |
| Systembolaget | Fixed margin: Distilled spirits: 2.70 SEK/bottle Wines: 3.50 SEK/bottle Beers: 0.85 SEK/bottle Other beverages: 2.70 SEK/bottle Small packaging: -1.75 SEK/unit Boxes and cardboard packaging 0.75 SEK/unit Multipack, small units 1.75 SEK Alcohol free 0.00 SEK / bottle Alcohol-free products have a fixed margin per bottle similar to what alcoholic products in the same group have | Wines and spirits: to the nearest 1 SEK Beer, cider and alcohol-free products: to the nearest 0.1 SEK |
| Vinmonopolet | Fixed margin: General: 8.90 NOK/litre | to the nearest 0.1 NOK |
| ATVR | No fixed margin, no minimum margin. | to the nearest 1 ISK |
| Rúsdrekkasølu | No fixed margin, no minimum margin. | to the nearest 0.05 DKK |

Price examples in the Nordic alcohol monopoly companies

Pricelists as at 1st June 2016, price in euro

| | | System- | Vinmono- | | Rúsdrek- |
|--|--------|---------|----------|-------|----------|
| Product (0,7 / 0,75) | Alko | bolaget | polet | ATVR | kasølu |
| Spirits | | | | | |
| Koskenkorva Viina | 17,99 | 21,70 | 31,69 | 35,44 | - |
| Absolut Vodka | 21,90 | 25,55 | 35,03 | 38,17 | 35,39 |
| Smirnoff Vodka | 21,90 | 23,63 | 32,25 | 37,48 | 32,65 |
| Gordon's London Dry Gin | 26,90 | 25,77 | 36,14 | 37,42 | 34,99 |
| Other strong beverages | | | | | |
| Hennessy Very Special | 39,90 | 40,52 | 48,93 | 59,64 | 55,30 |
| Renault Carte Noire Extra | 61,90 | 59,76 | 62,28 | - | 66,23 |
| Ballantine's Finest | 28,80 | 27,69 | 40,59 | 40,89 | 38,28 |
| Jim Beam | 28,90 | 26,62 | 38,92 | 46,01 | 38,88 |
| Red wine | | | | | |
| Baron de Ley Reserva | 16,60 | 11,65 | 18,86 | 18,40 | - |
| Mouton Cadet Rouge | 12,89 | 14,01 | 16,90 | 14,98 | - |
| Gato Negro Cabernet Sauvignon 1) | 7,28 | 6,31 | 10,56 | 9,88 | 9,18 |
| Gato Negro Cabernet Sauvignon BIB | 27,90 | 20,21 | 37,25 | 36,47 | - |
| White wine | | | | | |
| J. P. Chenet Colombard-Chardonnay 2) | 8,25 | 6,84 | 12,23 | 11,58 | 9,59 |
| Penfolds Koonunga Hill Chardonnay | 12,99 | 9,52 | 15,01 | - | - |
| Blue Nun | 8,98 | 6,31 | 10,00 | - | 10,06 |
| Viña Maipo Chardonnay, BIB 3) | 26,90 | 19,14 | 34,81 | 39,52 | - |
| Sparkling wine | | | | | |
| Freixenet Cordon Negro Cava Brut | 9,99 | 8,98 | 12,94 | 13,57 | - |
| Veuve Clicquot Brut | 49,90 | 43,73 | 45,60 | 47,70 | 51,48 |
| Dom Perignon brut | 159,90 | 147,43 | 133,48 | - | 147,34 |
| Beer | | ' | | | |
| Medium beer, bottle 0,33 l | 1,53 | 1,27 | - | 2,00 | 1,39 |
| Strong beer, domestic product, bottle 0,33 l | 1,86 | 1,06 | 4,67 | 2,31 | 1,64 |
| Strong beer, domestic product, can 0,5 l | 2,91 | 1,17 | 5,33 | 2,65 | - |
| Imported beer, Leffe, bottle 0,33 l | 3,78 | 2,34 | 5,17 | 3,20 | 2,68 |
| RTD | | | | | |
| Bacardi Breezer Orange 0,275 l | 3,48 | 2,13 | - | 2,86 | 3,85 |
| | | | | | |

- 1) Or Gato Negro Pinot Noir
- 2) Or J. P. Chenet Chardonnay or Medium Sweet
- 3) Or Vina Maipo Sauvignon Blanc BIB

Sources: www.alko.fi, www.systembolaget.se, www.vinmonopolet.no, www.vinbud.is, www.rusan.fo

Travelers' alcohol import quotas in litres

Situation as at 1st January 2016

| Litres / Traveler | Spirits | | Intermediate products and sparkling wines | | Wines | | Beer |
|----------------------------------|---------|-------|---|---------|----------|-----|------|
| EU-MEMBERS | | | | | | | |
| Finland | | | | | | | |
| From EU countries | | | No quantitiv | e quot | as | | |
| From non-EU countries | 1 | or | 2 | and | 4 | and | 16 |
| Time limit from non-EU countries | | | holic beverages is a from non-EU or EEA | | | | |
| Sweden | | | | | | | |
| From EU countries | | | No quantitiv | e quot | as | | |
| From non-EU countries | 1 | or | 2 | and | 4 | or | 16 |
| Time limit from non-EU countries | | | No time l | limits | | | |
| Denmark | | | | | | | |
| From EU countries | | | No quantitiv | e quot | as | | |
| From non-EU countries | 1 | or | 2 | and | 4 | and | 16 |
| Time limit from non-EU countries | | | No time l | imits | | | |
| NON-EU COUNTRIES | | | | | | | |
| Faroe Islands | 1 | and | 1 | and | 0 | and | 2 |
| | | | or | | | l. | |
| | 1 | and | 0 | and | 2 | and | 2 |
| Time limits | | | No time I | limits | | | |
| Iceland | Spirits | | Wine | s | | | Beer |
| | 1 | and | 1 | | | and | 0 |
| | | | or | | | | |
| | 1 | and | 0 | | | and | 6 |
| | 0 | and | or 3 | | | and | 0 |
| | | u | or | | | | |
| | 0 | and | 1,5 | | | and | 6 |
| Time limits | | | No time l | limits | | | |
| Norway | Spirit | Wines | | | Beer | | |
| | 1 | and | 3 | | | and | 2 |
| | | | or | | | | |
| | 0 | and | 4,5 | | | and | 2 |
| | 0 | and | or 0 | | | and | 6,5 |
| Time limits | | | me limit of 24 hours | for tax | free imp | | 0,5 |
| THIS CHILLS | | 111 | me tillilt of 24 flours | ioi (d) | tree imp | JIL | |

Sources: Nordic customs authorities

Travelers' alcohol imports

Alcoholic beverages imported by travelers, million litres

| | | | | Cider and | Total in | | |
|-----------|---------|---------|------|-------------|---------------|--|--|
| | Spirits | Wine 1) | Beer | long drinks | 100 % alcohol | | |
| Finland | | | | | | | |
| 2010 | 8,9 | 9,1 | 24,4 | 19,7 | 7,9 | | |
| 2011 | 8,0 | 13,9 | 24,5 | 21,2 | 7,8 | | |
| 2012 | 8,2 | 13,1 | 28,5 | 15,2 | 7,7 | | |
| 2013 | 9,5 | 14,6 | 31,6 | 19,6 | 8,9 | | |
| 2014 | 8,0 | 14,9 | 34,8 | 20,3 | 8,4 | | |
| 2015 | 8,5 | 12,5 | 31,1 | 19,9 | 8,1 | | |
| Sweden | | | | | | | |
| 2010 | 17,2 | 15,6 | 40,5 | 1,8 | 10,8 | | |
| 2011 | 16,2 | 19,2 | 42,2 | 4,2 | 11,1 | | |
| 2012 | 14,7 | 17,6 | 38,2 | 1,7 | 10,0 | | |
| 2013 | 18,5 | 18,7 | 47,4 | 2,4 | 12,1 | | |
| 2014 | 17,5 | 17,8 | 45,8 | 1,8 | 11,5 | | |
| 2015 | 16,1 | 13,9 | 35,5 | 4,6 | 10,0 | | |
| Denmark | | | | | | | |
| 2010 | 2,0 | 14,0 | 70,0 | 0,0 | 5,0 | | |
| Norway 2) | | | | | | | |
| 2010 | 2,0 | 3,9 | 1,8 | - | 1,3 | | |
| 2011 | 2,2 | 4,6 | 2,2 | - | 1,5 | | |
| 2012 | 2,2 | 5,1 | 2,5 | - | 1,6 | | |
| 2013 | 2,3 | 5,5 | 2,8 | - | 1,6 | | |
| 2014 | 2,1 | 6,2 | 3,0 | - | 1,7 | | |
| 2015 | 2,0 | 6,5 | 3,0 | - | 1,6 | | |

¹⁾ Wines include fortified wines.

Alcoholic beverages imported by travelers, total in 100% alcohol

| | Year | Million litres | Litres per capita | Litres per capita 15 years and over |
|---------|------|-------------------|----------------------|--|
| Finland | 2015 | 8,1 | 1,5 | 1,8 |
| Sweden | 2015 | 10,0 | 1,0 | 1,2 |
| Denmark | 2010 | 5,0 | 0,9 | 1,1 |
| Norway | 2007 | 3,2 | 0,7 | 0,8 |

Sources: THL, CAN, Folkhelseinstituttet, Statistics Denmark

²⁾ The figures for Norway include only Duty free alcohol sales when arriving Norway, not for instance border trade with Sweden.

Total alcohol consumption

Per capita aged 15 and over, 100 % alcohol

| | Year | Recorded consumption, litres per capita aged 15 and over | Unrecorded consumption, litres per capita aged 15 and over | Total consumption, litres per capita aged 15 and over | Proportion of unrecorded consumption of total consumption, % |
|------------------------|------|---|---|--|---|
| Finland | 2015 | 8,5 | 2,3 | 10,8 | 21 |
| Sweden | 2015 | 7,2 | 2,0 | 9,2 | 22 |
| Norway ² | 2015 | 6,0 | 1,6 | 7,6 | 21 |
| Denmark ^{1,2} | 2015 | 9,3 | 1,1 | 10,4 | 11 |
| Iceland | 2015 | 7,4 | 0,5 | 7,9 | 6 |
| Faroe Islands | 2015 | 6,4 | 2,0 | 8,4 | 24 |

Per capita, 100 % alcohol

| | Year | Recorded consumption, litres per capita | Unrecorded consumption, litres per capita | Total consumption, litres per capita | Proportion of unrecorded consumption of total consumption, % |
|---------------------|------|---|---|--|---|
| Finland | 2015 | 7,1 | 1,9 | 9,0 | 21 |
| Sweden | 2015 | 6,0 | 1,7 | 7,6 | 22 |
| Norway ² | 2015 | 4,9 | 1,3 | 6,2 | 21 |
| Denmark 1,2 | 2015 | 7,7 | 0,9 | 8,7 | 11 |
| Iceland | 2015 | 5,9 | 0,4 | 6,3 | 6 |
| Faroe Islands | 2015 | 5,1 | 1,6 | 6,7 | 24 |

- 1) Alcohol imported by Danes minus alcohol bought by foreigners in Denmark
- 2) Unrecorded consumption is estimated on the basis of figures for earlier years

Recorded consumption of alcoholic beverages

Retail sale of alcoholic beverages plus domestic serving of alcoholic beverages.

Unrecorded alcohol consumption:

Alcoholic beverages imported by travelers minus exported by foreign travelers, home brewed and fermented alcoholic beverages and illegal moonshining, smuggling, substitutes of alcohol. In Finland also alcohol consumed by Finnish tourists abroad is included in unrecorded alcohol consumption.

Total consumption of alcoholic beverages:

The sum of recorded and unrecorded alcohol consumption.

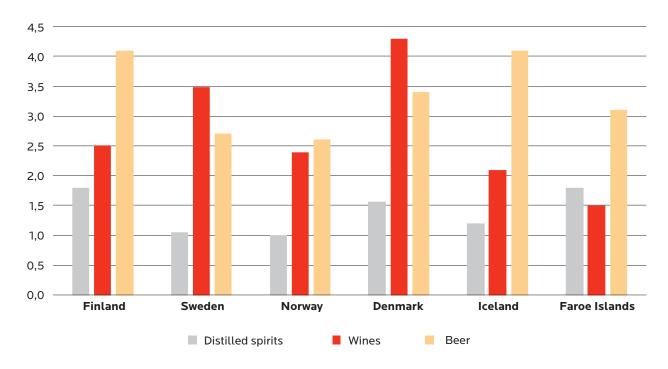
Sources: THL, Valvira, CAN, Folkhelseinstituttet, Statistics Denmark, ATVR, Statistics Faroe Islands

Recorded alcohol consumption in the Nordic countries

Litres of 100 % alcohol per capita aged 15 and over

| | Year | Distilled spirits | Wines | Beer |
|---------------|------|-------------------|-------|------|
| Finland | 2015 | 1,8 | 2,5 | 4,1 |
| Sweden | 2015 | 1,1 | 3,5 | 2,7 |
| Norway | 2015 | 1,0 | 2,4 | 2,6 |
| Denmark | 2015 | 1,6 | 4,3 | 3,4 |
| Iceland | 2015 | 1,2 | 2,1 | 4,1 |
| Faroe Islands | 2015 | 1,8 | 1,5 | 3,1 |

Litres per capita aged 15 and over



Sources: ATVR, Rúsdrekkasølu, CAN, Statistics Denmark, THL, Valvira

Public opinion on alcohol policy

Finland:

- According to a survey conducted by TNS Gallup in January 2016 with 1007 interviews
 - 48 per cent of population supported prevailing alcohol policy and
 10 per cent wanted stricter policies.
 - 87 per cent of respondents agreed that strong alcohol beverages should be sold only in Alko. Corresponding figure for wine was 50 per cent and for strong beer 51 per cent.
 87 per cent of respondents supported that beer at most 4.7 per cent alcohol by volume should be available also in grocery stores.
 - 60 ¹ per cent of respondents agreed that
 Alko and its sole right to off-premise retail sale
 of alcoholic beverages is a good way of controlling
 the extent of the harmful effects of alcohol.

Sweden:

- According to monthly surveys conducted in January – December 2015 by SIFO Research International
 - 77 ² per cent of the respondents agreed that Systembolaget and its monopoly on the off-premise retail sale of strong beer, wines and spirits should be retained.

Norway:

- According to a survey conducted in 2015
 - 61³ per cent of respondents agreed that
 Vinmonopolet to have the exclusive rights for off-premise retail sale of wine and spirits.

Iceland:

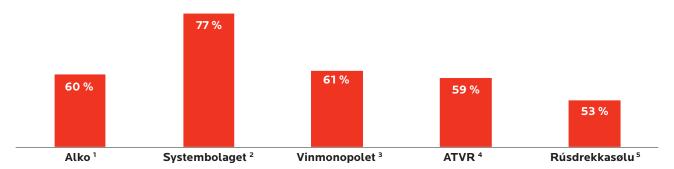
- According to survey conducted in May 2015
 - 59 ⁴ per cent of the respondents supported the present alcohol monopoly arrangement.

Faroe Islands:

- According to survey conducted in January 2016 by Gallup
 - 53 ⁵ per cent of respondents supported the alcohol policy.

Monopoly support in 2015

*Surveys not comparable between monopolies



Superscripts 1...5 indicate the question in the particular survey above

Customer satisfaction rates in the Nordic alcohol monopoly companies

Alko:

Alko has a new customer experience survey from 2014.
 In 2015 the performance index for customer experience was 4.1 (scale 1.0-5.0).

Systembolaget:

 For the year 2015 customer satisfaction index for Systembolaget was 84 (scale 1-100).

Vinmonopolet:

 According to Norwegian customer satisfaction survey 87 per cent of customers were satisfied or very satisfied with Vinmonopolet in 2015. Service, information available in the shops and quality are Vinmonopolet's most valued traits among the public.

ATVR:

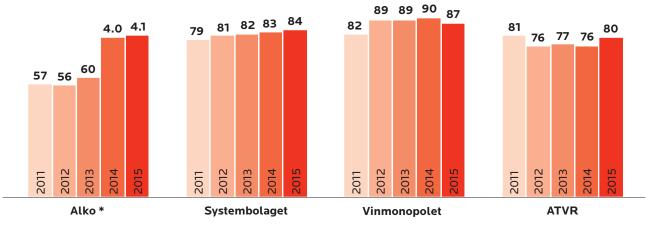
 In the latest public opinion poll conducted in May 2015 80 per cent of the interviewers were satisfied with the current system of alcohol monopoly in Iceland (scale 1-100 %).

Rúsdrekkasølu:

 In January 2016 95 per cent of the respondents were either very satisfied or satisfied with the Faroese alcohol monopoly Rúsdrekkasølu Landsins.

Development in customer satisfaction rates 2011–2015

Surveys not totally comparable between monopolies



* New survey from 2014

Personnel and beverage brands

Situation as at 1st January 2016

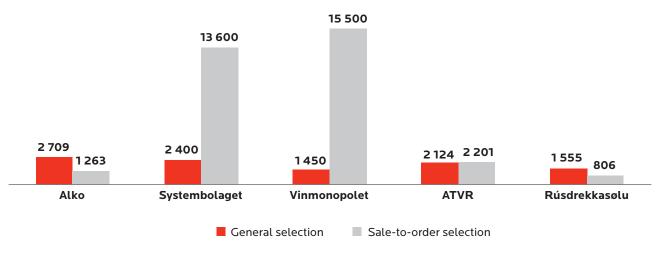
Personnel

| Alko | 2 525 |
|---------------|-------|
| Systembolaget | 5 360 |
| Vinmonopolet | 1 815 |
| ATVR | 442 |
| Rúsdrekkasølu | 40 |

Beverage brands

| | General selection | Sale-to-order selection |
|---------------|-------------------|-------------------------|
| Alko | 2 709 | 1 263 |
| Systembolaget | 2 400 | 13 600 |
| Vinmonopolet | 1450 | 15 500 |
| ATVR | 2 124 | 2 201 |
| Rúsdrekkasølu | 1 555 | 806 |

Number of beverage brands



Packaging 2015

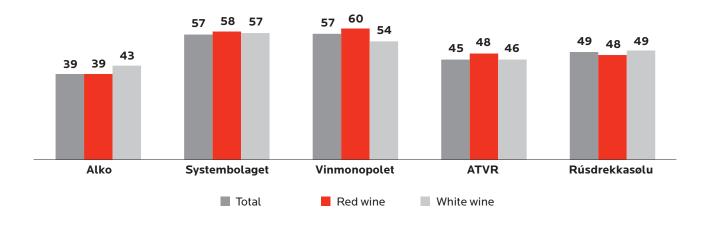
Wine

| | Share of BIB of total wine sales, % | Share of red wine sold in BIB, % | Share of white wine sold in BIB, % | Share of wine sold in PET- bottles, % | Share of wine sold in tetra packs |
|---------------|---|--|--|---|---|
| Alko | 39 | 39 | 43 | 4,1 | 6,6 |
| Systembolaget | 57 | 58 | 57 | 1,7 | 6,6 |
| Vinmonopolet | 57 | 60 | 54 | 0,6 | 0,3 |
| ATVR | 45 | 48 | 46 | - | 2,1 |
| Rúsdrekkasølu | 49 | 48 | 49 | - | 2,5 |

Beer

| | Beer sold in cans, % | Beer sold in multipacks, % |
|-----------------|----------------------|-------------------------------|
| Alko | 59 | 39 |
| Systembolaget | 74 | 0 |
| Vinmonopolet | 12 | - |
| ATVR | 87 | - |
| Rúsdrekkasølu 5 | 0 | 80 |

Share of bag-in-box wines in different product groups, %



Total sales in 2015

Litres

| | Milloin litres | Million litres excl. beer | Million litres of 100 % alcohol |
|------------------|----------------|------------------------------|------------------------------------|
| Alko | 94,0 | 85,4 | 15,8 |
| Systembolaget | 470,7 | 236,3 | 46,4 |
| Vinmonopolet | 80,5 | 78,0 | 12,4 |
| ATVR | 19,6 | 4,4 | 1,4 |
| Rúsdrekkasølu 1) | 3,0 | 0,8 | 0,2 |

Change from previous year, %

| | Litres | Litres excl. beer | Litres of 100 % alcohol |
|------------------|--------|-------------------|----------------------------|
| Alko | -2,8 | -2,9 | -3,1 |
| Systembolaget | 0,1 | 0,0 | 0,1 |
| Vinmonopolet | -0,8 | -1,2 | -1,1 |
| ATVR | 2,0 | 2,6 | 2,1 |
| Rúsdrekkasølu 1) | 2,5 | 2,0 | 1,9 |

Litres per capita

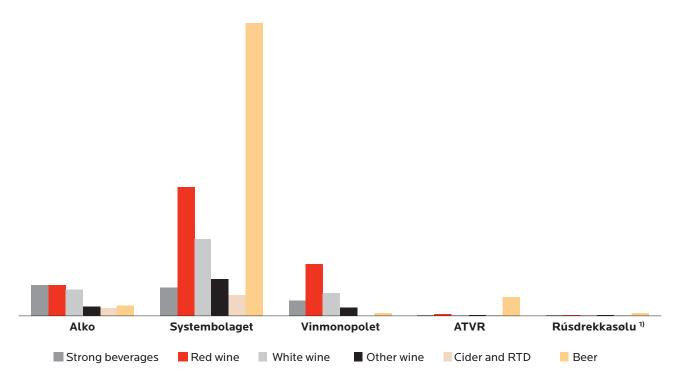
| | Litres | Litres excl. beer | Litres of 100 % alcohol |
|------------------|--------|-------------------|----------------------------|
| Alko | 17,3 | 15,7 | 2,9 |
| Systembolaget | 48,4 | 24,3 | 4,8 |
| Vinmonopolet | 15,6 | 15,2 | 2,4 |
| ATVR | 61,8 | 13,7 | 4,4 |
| Rúsdrekkasølu 1) | 59,9 | 15,1 | 4,9 |

1) Sales figures of Rúsdrekkasølu include sales of brewery outlets.

Sales by product groups in 2015

Million litres

| | Alko | Systembolaget | Vinmonopolet | ATVR | Rúsdrekkasølu ¹⁾ |
|----------------------------------|------|---------------|--------------|------|-----------------------------|
| Spirits | 14,1 | 5,8 | 11,2 | 0,5 | 0,2 |
| Other strong alcoholic beverages | 7,6 | 13,0 | 0,0 | 0,0 | 0,0 |
| Fortified wines | 3,1 | 3,9 | 0,6 | 0,0 | 0,0 |
| Red wines | 24,9 | 103,0 | 41,1 | 1,9 | 0,2 |
| White wines | 21,1 | 61,5 | 17,8 | 1,1 | 0,1 |
| Sparkling wines | 5,2 | 12,5 | 4,5 | 0,1 | 0,0 |
| Rosé wines | 0,9 | 14,8 | 2,2 | 0,0 | 0,0 |
| Other wines | 1,8 | 1,8 | 0,1 | 0,1 | 0,0 |
| Ciders | 0,7 | 10,5 | 0,0 | 0,3 | 0,1 |
| RTD (Long drinks) | 5,7 | 6,5 | 0,0 | 0,2 | 0,0 |
| Beers | 8,6 | 234,4 | 2,5 | 15,2 | 2,2 |
| Non-alcoholic products | 0,4 | 3,1 | 0,3 | 0,0 | 0,0 |
| Total | 94,0 | 470,7 | 80,5 | 19,6 | 3,0 |

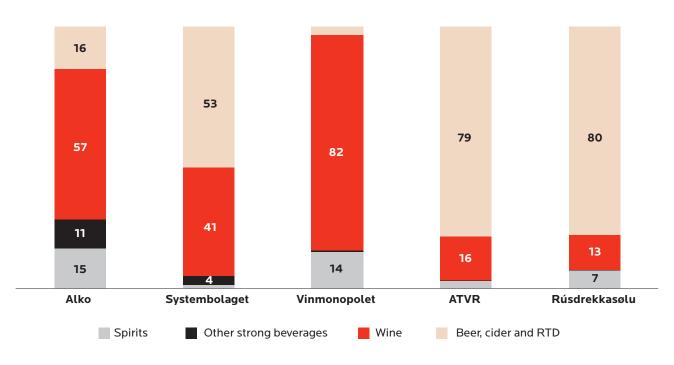


1) Rúsdrekkasølu sales include sales by brewery outlets.

Structure of sales by product groups in 2015

Share of litres in percentages

| | Alko | System- bolaget | Vin- monopolet | ATVR | Rúsdrek- kasølu ¹⁾ |
|----------------------------------|-------|--------------------|-------------------|-------|----------------------------------|
| Spirits | 15,0 | 1,2 | 13,9 | 2,7 | 6,8 |
| Other strong alcoholic beverages | 8,1 | 2,8 | 0,0 | 0,2 | 0,0 |
| Fortified wines | 3,3 | 0,8 | 0,7 | 0,2 | 0,3 |
| Red wines | 26,5 | 21,9 | 51,1 | 9,5 | 7,9 |
| White wines | 22,5 | 13,1 | 22,1 | 5,8 | 4,6 |
| Sparkling wines | 5,5 | 2,7 | 5,6 | 0,6 | 0,4 |
| Rosé wines | 0,9 | 3,1 | 2,7 | 0,3 | 0,4 |
| Other wines | 2,0 | 0,4 | 0,2 | 0,4 | 0,0 |
| Ciders | 0,7 | 2,2 | 0,0 | 0,0 | 4,8 |
| RTD (Long drinks) | 6,0 | 1,4 | 0,0 | 1,2 | 0,0 |
| Beers | 9,2 | 49,8 | 3,1 | 77,8 | 74,8 |
| Non-alcoholic products | 0,4 | 0,7 | 0,4 | 0,0 | 0,0 |
| Total | 100,0 | 100,0 | 100,0 | 100,0 | 100,0 |

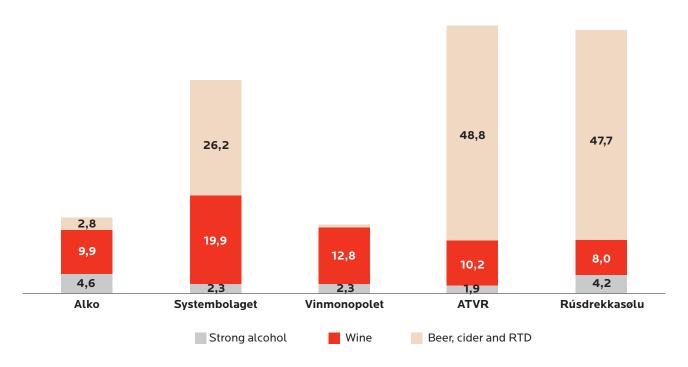


1) Rúsdrekkasølu sales include sales by brewery outlets.

Structure of sales by product groups in 2015

Litres per capita

| | Alko | System- bolaget | Vin- monopolet | ATVR | Rúsdrek- kasølu ¹⁾ |
|----------------------------------|------|--------------------|-------------------|------|----------------------------------|
| Spirits | 2,6 | 0,6 | 2,2 | 1,7 | 4,0 |
| Other strong alcoholic beverages | 1,4 | 1,3 | 0,0 | 0,2 | 0,0 |
| Fortified wines | 0,6 | 0,4 | 0,1 | 0,1 | 0,2 |
| Red wines | 4,6 | 10,6 | 8,0 | 5,8 | 4,7 |
| White wines | 3,9 | 6,3 | 3,5 | 3,6 | 2,8 |
| Sparkling wines | 0,9 | 1,3 | 0,9 | 0,4 | 0,2 |
| Rosé wines | 0,2 | 1,5 | 0,4 | 0,2 | 0,3 |
| Other wines | 0,3 | 0,2 | 0,0 | 0,2 | 0,0 |
| Ciders | 0,1 | 1,1 | 0,0 | 0,0 | 2,9 |
| RTD (Long drinks) | 1,0 | 0,7 | 0,0 | 0,7 | 0,0 |
| Beers | 1,6 | 24,1 | 0,5 | 48,0 | 44,8 |
| Non-alcoholic products | 0,1 | 0,3 | 0,1 | 0,0 | 0,0 |
| Total | 17,3 | 48,4 | 15,6 | 61,8 | 59,9 |



I) Rúsdrekkasølu sales include sales by brewery outlets.

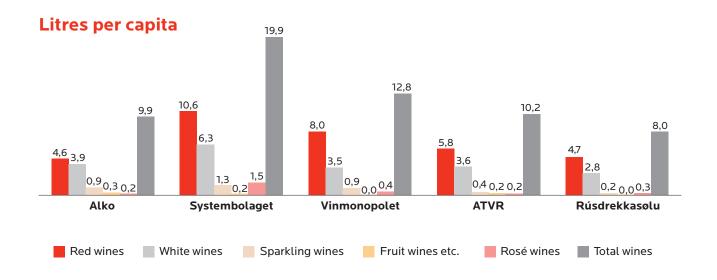
Wine sales in 2015

Million litres

| | Alko | Systembolaget | Vinmonopolet | ATVR | Rúsdrekkasølu |
|------------------|------|---------------|--------------|------|---------------|
| Red wines | 24,9 | 103,0 | 41,1 | 1,9 | 0,2 |
| White wines | 21,1 | 61,5 | 17,8 | 1,1 | 0,1 |
| Sparkling wines | 5,2 | 12,5 | 4,5 | 0,1 | 0,0 |
| Rosé wines | 0,9 | 14,8 | 2,2 | 0,0 | 0,0 |
| Fruit wines etc. | 1,8 | 1,8 | 0,1 | 0,1 | 0,0 |
| Total wines | 53,9 | 193,7 | 65,7 | 3,2 | 0,4 |

Litres per capita

| | Alko | Systembolaget | Vinmonopolet | ATVR | Rúsdrekkasølu |
|------------------|------|---------------|--------------|------|---------------|
| Red wines | 4,6 | 10,6 | 8,0 | 5,8 | 4,7 |
| White wines | 3,9 | 6,3 | 3,5 | 3,6 | 2,8 |
| Sparkling wines | 0,9 | 1,3 | 0,9 | 0,4 | 0,2 |
| Rosé wines | 0,2 | 1,5 | 0,4 | 0,2 | 0,3 |
| Fruit wines etc. | 0,3 | 0,2 | 0,0 | 0,2 | 0,0 |
| Total wines | 9,9 | 19,9 | 12,8 | 10,2 | 8,0 |



Social Control

Sales supervision in alcohol monopoly companies in 2015

| Checks for | Alko | Vinmonopolet | ATVR | Rúsdrekkasølu |
|---------------------------------|-----------|---------------------|---------|---------------|
| - age limit | 3 690 000 | 1 000 000 | 196 000 | 2 700 |
| - denied because of age limit | na | 5 099 | na | 210 |
| - customer shows ID spontaneous | na | 2 500 000 | na | 4 500 |
| - suspected intoxication | 634 000 | 3 794 ¹⁾ | na | 75 |
| - suspected handover | 311 000 | 653 ¹⁾ | na | 25 |

¹⁾ Denied because of suspected intoxication or suspected handover.

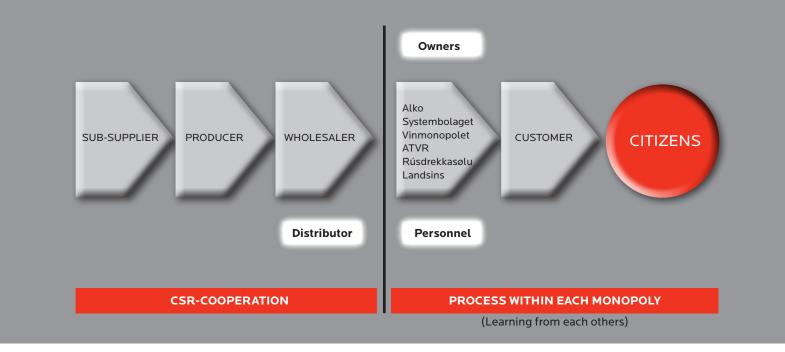
Age limit checks in Mystery -surveys 2008-2015

Share of age-limit checks conducted in monopoly stores, %

| | Alko | Systembolaget | Vinmonopolet | ATVR | Rúsdrekkasølu |
|------|------|---------------|--------------|------|---------------|
| 2008 | 51 | 90 | na | 43 | na |
| 2009 | 75 | 93 | na | 64 | na |
| 2010 | 79 | 94 | 88 | 75 | na |
| 2011 | 74 | 94 | 92 | 74 | na |
| 2012 | 82 | 95 | 86 | 83 | na |
| 2013 | 92 | 96 | na | 80 | 81 |
| 2014 | 89 | 97 | na | 87 | 85 |
| 2015 | 90 | 96 | 94 | 85 | 85 |

Nordic alcohol monopoly CSR-collaboration

Nordic alcohol monopoly companies supply chain



Nordic Corporate Social Responsibility Cooperation

- The Nordic alcohol monopolies take, furthermore, responsibility for working conditions, human rights issues, the environment and anti-corruption measures. The goal is that all the products we sell are produced under socially, environmentally and ethically acceptable terms and conditions.
- The goals are:
 - The workers acknowledge that the Nordic alcohol monopolies' CSR-program has improved their working and living conditions.
 - 2. The customers in the Nordic countries want to buy from us because they are convinced that the products are safe and sustainable.
 - 3. The suppliers recognize that we, the Nordic alcohol monopolies, are an honest and responsible business partner, and that the investments according to the Nordic alcohol monopolies' requirements have paid off.

- 4. The producers recognize that we, the Nordic alcohol monopolies, are an honest and responsible business partner, and that the investments according to the Nordic alcohol monopolies' requirements have paid off.
- **5.** Society, media and non-governmental organizations say that the Nordic alcohol monopoly system is a good example of how to drive change in all sustainability aspects.

Further information

Finland: Alcohol monopoly of Finland, Alko

National Institute for Health and Welfare, THL

National Supervisory Authority for Welfare and Health, Valvira

Nordic Centre for Welfare and Social Issues

Finnish alcohol legislation

Statistics Finland

www.alko.fi www.thl.fi www.valvira.fi

www.nordicwelfare.org

www.finlex.fi

www.tilastokeskus.fi

Sweden: Alcohol monopoly of Sweden, Systembolaget

Centre for Social Research on Alcohol and Drugs, (SoRAD) Public Health Agency of Sweden (Folkhälsomyndigheten)

Statistical Office of Sweden

Rikslex includes the alcohol laws of Sweden

www.systembolaget.se

www.sorad.su.se

www.folkhalsomyndigheten.se

www.scb.se

www.riksdagen.se

Norway: Alcohol monopoly of Norway, Vinmonopolet

Norwegian Institute for Alcohol and Drug Research (SIRUS)

Statistical Office of Norway

www.vinmonopolet.no

www.sirus.no www.ssb.no

Denmark: Statistics Denmark

Finansministeriet Skatteministeriet www.dst.dk www.fm.dk

www.skm.dk

Iceland: Alcohol monopoly of Iceland, ATVR

Statistics Iceland

www.atvr.is www.statice.is

Faroe Islands: Alcohol monopoly of Faroe Islands, Rúsdrekkasølu

Statistics Faroe Islands

www.rusan.fo www.hagstova.fo

Other: Eurostat

Omvärldsbevakning om alkoholrelaterade nyheter

Eurocare

WHO, Global Information System on Alcohol and Health

www.epp.eurostat.ec www.nosam.net www.eurocare.org

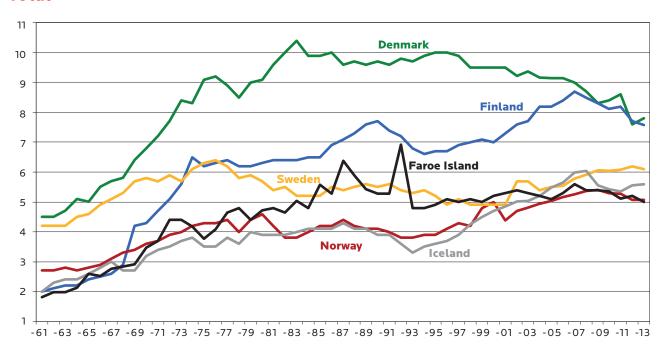
www.who.int/gho/alcohol/en



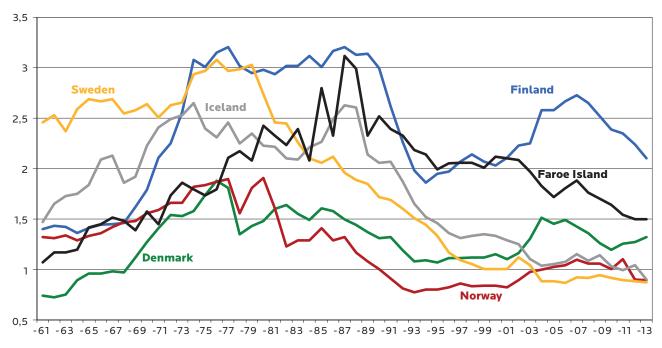
Recorded alcohol consumption in the Nordic countries in 1961-2013

Litres of 100 % alcohol per capita

Total



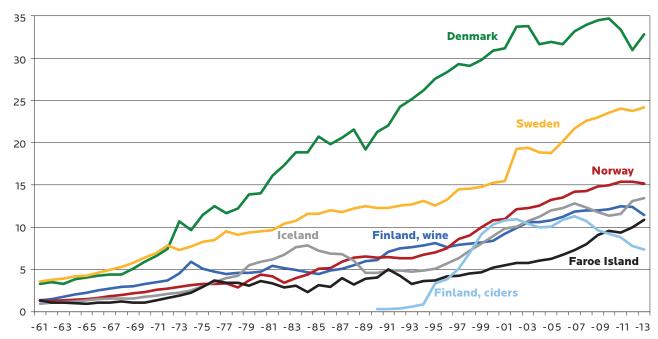
Distilled spirits



Sources: ATVR, Rúsdrekkasølu, SoRAD, Statistics Denmark, Statistics Iceland, Statistics Norway, THL, Valvira, World Drink Trends 2005

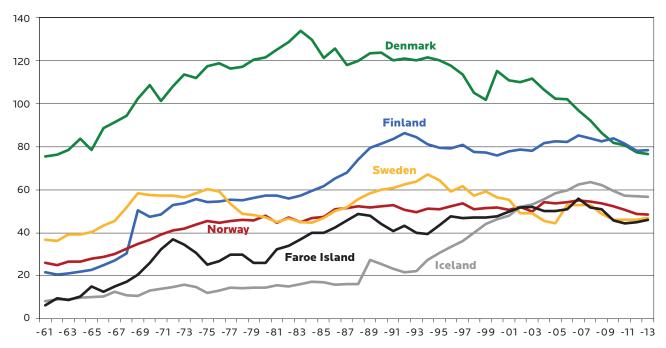
Volume litres per capita

Wines (includes fortified wines)



Finland: Ciders are included in wines before the year 1995. Sweden: Wines include strong cider and alcoholic lemonades (RTD).

Beer



Sources: ATVR, Rúsdrekkasølu, SoRAD, Statistics Denmark, Statistics Iceland, Statistics Norway, THL, Valvira, World Drink Trends 2005

