

Nordic VNR Services

VNR Statistics of the Year 2012

Contents

Introduction	1
Pharmaceutical Information Centre Ltd serves as the Nordic Number Centre	1
The Vnr extranet service	1
Feedback	1
Vnr Statistics of the year 2012	2
The amount of valid Vnrs	2
Status distribution.....	2
New and withdrawn Vnrs and status changes.....	4
Common and national Vnrs	5
Parallel imported Vnrs	6
The most common countries and country combinations of parallel imported Vnrs	6
Country combinations of common Vnrs.....	7
Vnr Data country by country.....	9
Denmark.....	9
Finland.....	11
Iceland.....	13
Norway.....	15
Sweden.....	17
Pharmaceutical Information Centre shortly	19

Introduction

Pharmaceutical Information Centre Ltd serves as the Nordic Number Centre

The central Nordic Article Number (Vnr) administration was transferred to Pharmaceutical Information Centre (PIC) in April 2010. All Vnr number data was imported to Vnr extranet service that PIC has developed. Connections with new pharmaceutical companies were established.

During 2012 and 2011 collaboration and communication with pharmaceutical companies have been running well. Companies have learned to take advantages of PIC's services.

The Vnr extranet service

Pharmaceutical companies can order Nordic Article Numbers (Vnrs) electronically 24/7 by using the Vnr extranet service. Vnr orders are handled within max three working days. Companies can also see the real-time situation of their Vnr data in all Nordic countries. Naturally companies can also get different kind of reports of their products.

Vnr extranet service requires a user-specific username and password, which can be obtained by filling out the registration form on site www.vnr.fi. Username and password are for personal use only.

Vnr services are offered in three languages, English, Swedish and Finnish.

In 2012 there were 870 users in the service from over 300 marketing companies. Compared to 2011 this means 12 % increase in users and 15 % decrease in marketing companies they present. The average user visited the Vnr extranet service 27 times during the year 2012, which is 9 % more than in 2011. There were 10 882 trade names with valid Vnrs. These Vnrs belonged to 934 different marketing authorisation holders. Compared to 2011 the amounts of trade names and marketing authorisation holders have remained almost the same.

Feedback

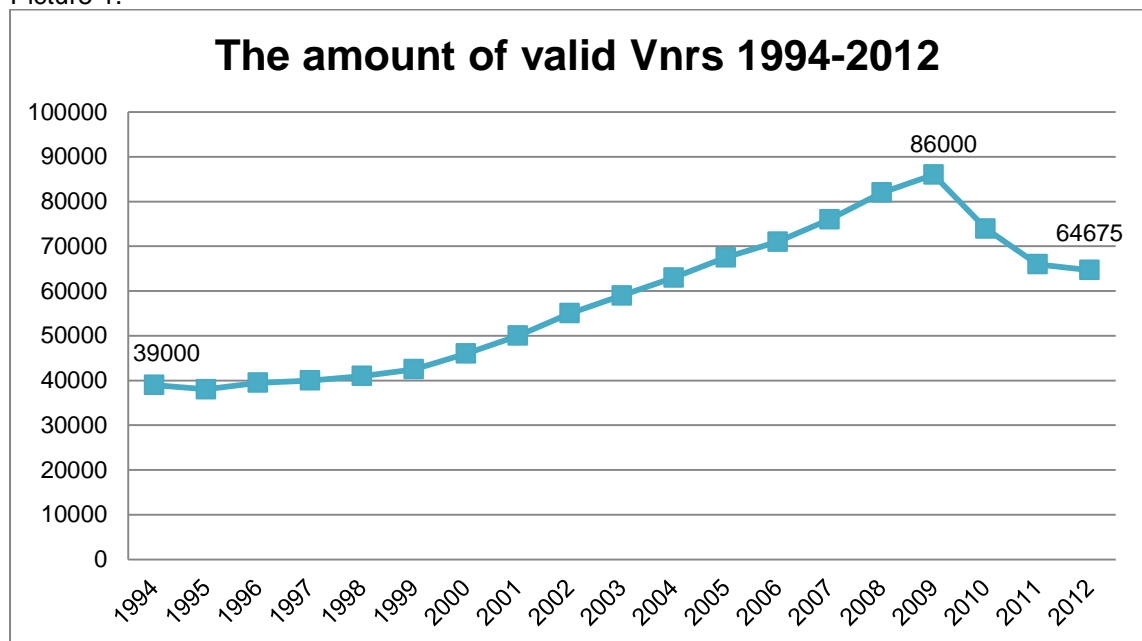
Following pages present the basic Vnr statistics from the year 2012. Only the valid Vnr-numbers (valid = all, but withdrawn) are taken into notice unless otherwise mentioned. All suggestions and comments would be important to develop the document further. Feedback and all Vnr related issues are kindly asked to be sent to vnrvnr@vnrvnr.fi.

Vnr Statistics of the year 2012

The amount of valid Vnrs

The amount of the valid Vnrs (valid = all, but withdrawn) increased evenly until 2009 (picture 1.). When the central Vnr administration was transferred to Pharmaceutical Information Centre in 2010, companies were asked to check their Vnr data. During 2010 the status of not needed Vnrs was changed to withdrawn. The revision of Vnr data and status information continued thereafter, which led to the decreasing trend in the amount of valid Vnrs. After 2011 the decrease has evened out, in 2012 the amount of valid Vnrs decreased only 2 % (1287 Vnrs).

Picture 1.



Status distribution

2010-2012 there were 4 different Vnr statuses:

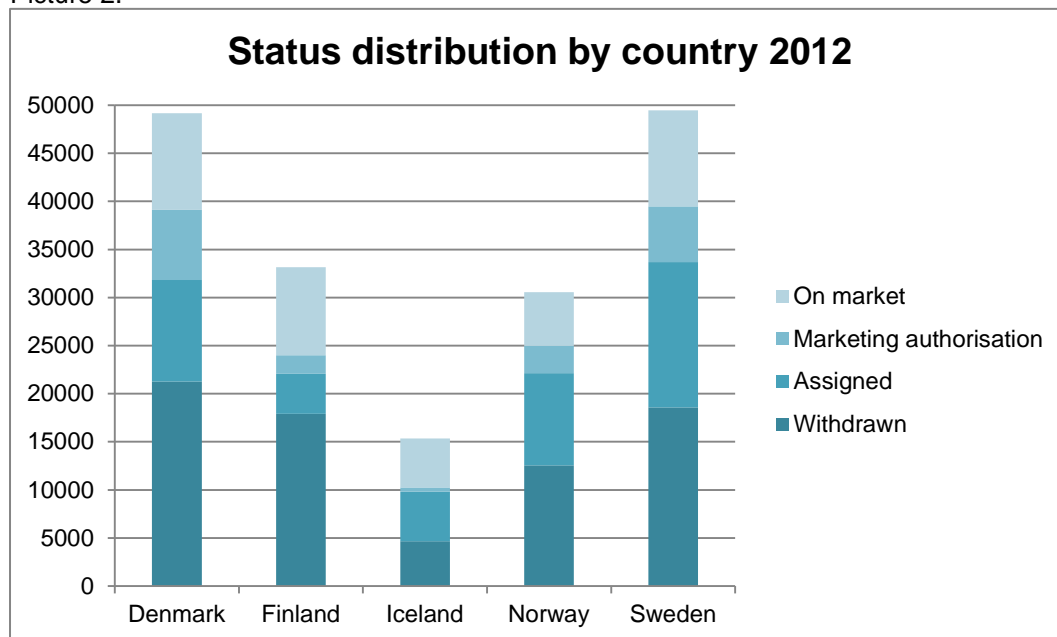
- **Assigned:** assigned Vnr is valid, but doesn't have marketing authorisation and is not on market
- **MA:** Vnr has marketing authorisation but is not yet or anymore on market
- **On market:** Vnr is on market
- **Withdrawn:** Vnr cannot be used anymore. Vnr is not valid. Information of withdrawn Vnr is not updated.

The status of valid Vnr can be assigned, MA or on market. The status of common Vnr can differ between the Nordic countries.

At the end of 2012 45 % of the valid Vnrs had the status "on market" in one or more countries. There are 38 389 Vnrs in the database which are withdrawn from all countries.

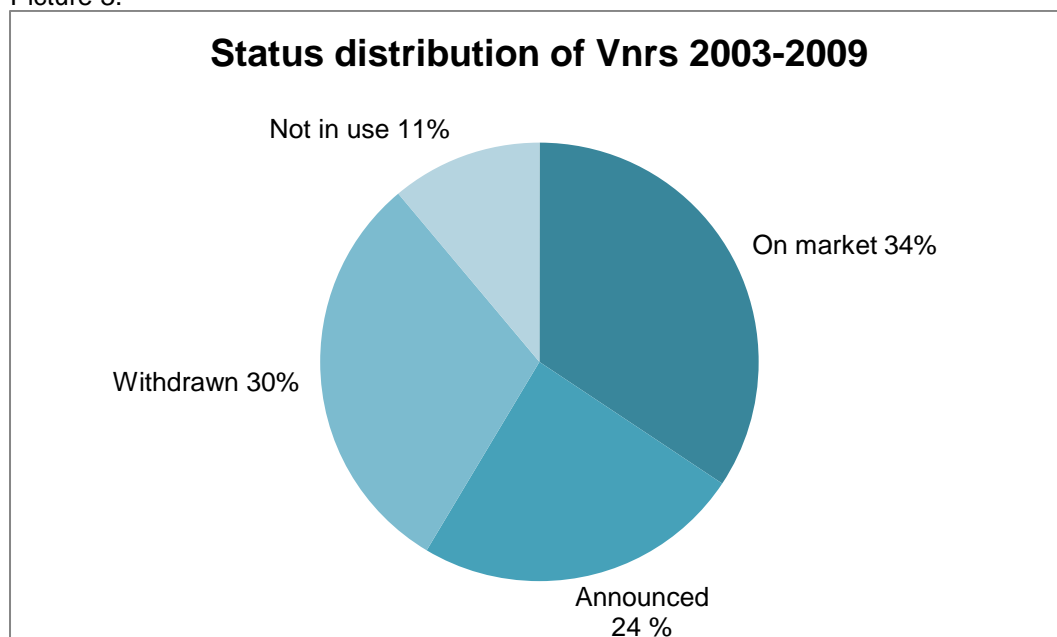
In 2012 most of the Vnrs were in use in Denmark and Sweden, least Vnrs there were in Iceland (picture 2.). Status distribution of Vnrs varies slightly by country. Country specific data is shown starting from page 9.

Picture 2.



Until 2009 the status administration was different (picture 3.).

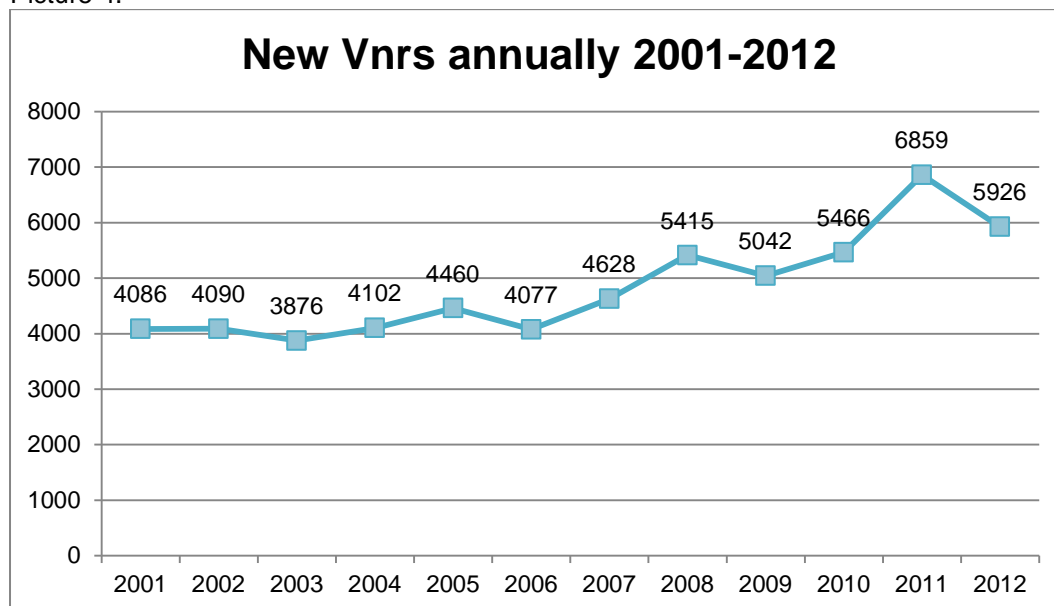
Picture 3.



New and withdrawn Vnrs and status changes

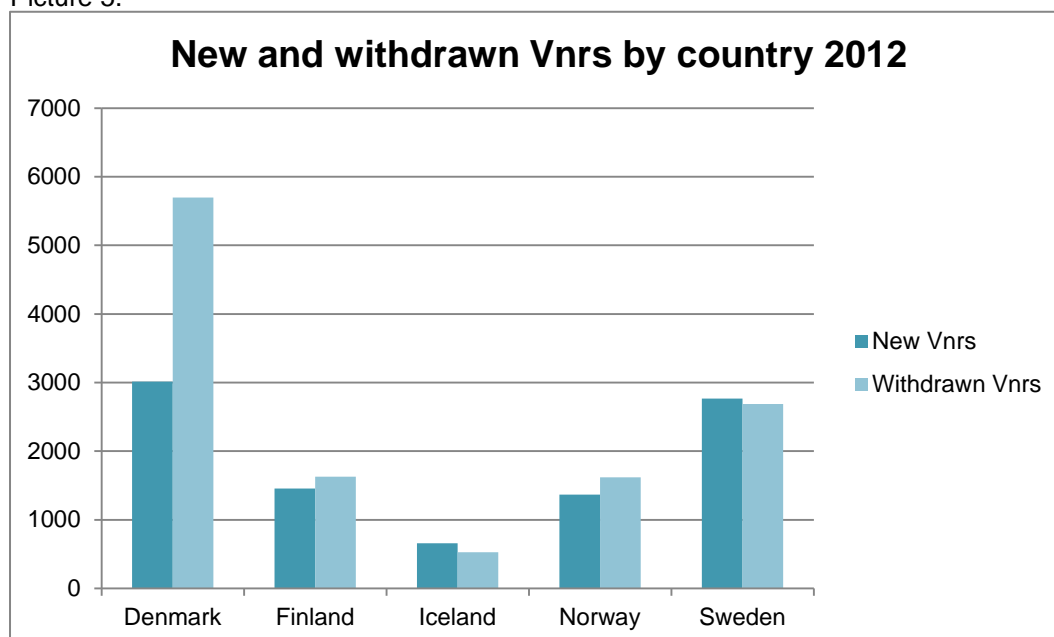
The amount of new Vnrs started to increase in 2006 (picture 4.). Between 2006 and 2011 the yearly amount of new Vnrs has increased 68 %. In 2012 the amount decreased 14 %.

Picture 4.



9265 new Vnrs were assigned in 2012. Most of the new Vnrs were assigned to be used in Sweden and in Denmark (picture 5.). 12 161 Vnrs were changed to the status withdrawn during 2012. As well as most of the new Vnrs also most of the withdrawals were made in Sweden and Denmark (picture 5.). Compared to 2011 the amount of new and withdrawn Vnrs decreased in every other country but Finland. The difference was the most notable in Denmark, where the amount of withdrawn Vnrs decreased 64 %.

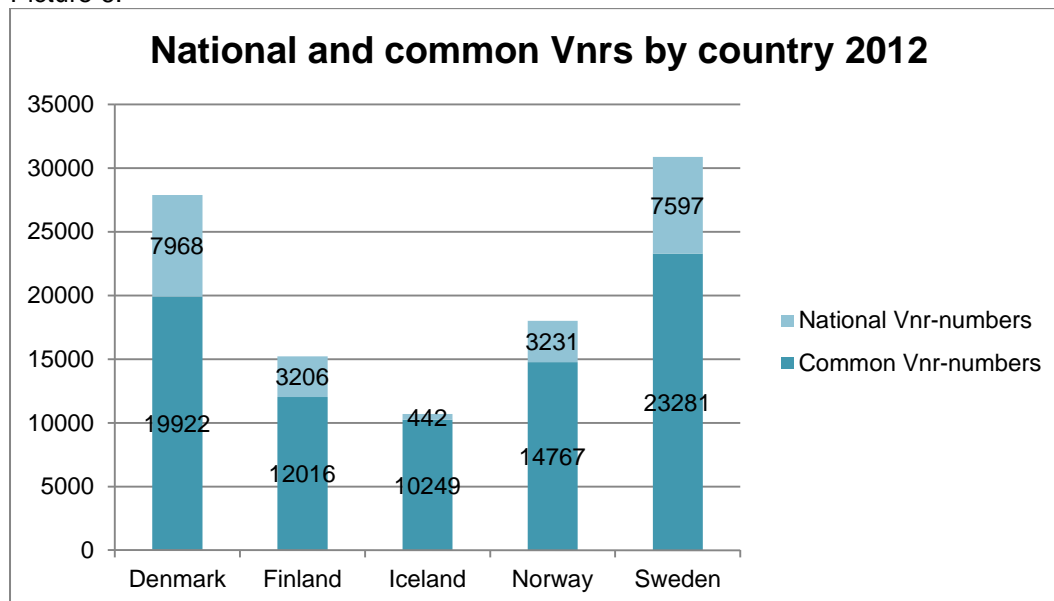
Picture 5.



Common and national Vnrs

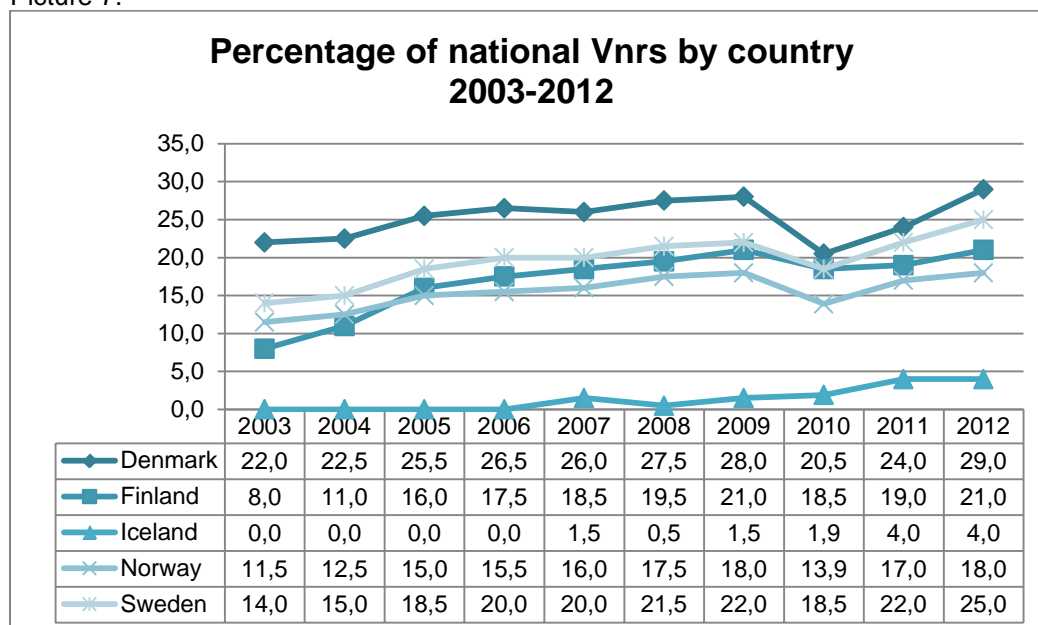
National Vnr can be used only in one Nordic country. If the Vnr type is common, it can be used in more than one Nordic country. The type of most of the valid Vnrs was common in 2012 (picture 6.). There were some differences between the countries, for example in Iceland only 4 % but in Denmark 29 % of Vnrs were national. The amount of national Vnrs increased slightly in every country.

Picture 6.



The percentage of valid national Vnrs increased until 2009 (picture 7.). The percentage decreased slightly in 2010, but turned back to increase in 2011. The only exception is Iceland where there was no decrease in the share of national Vnrs in 2010.

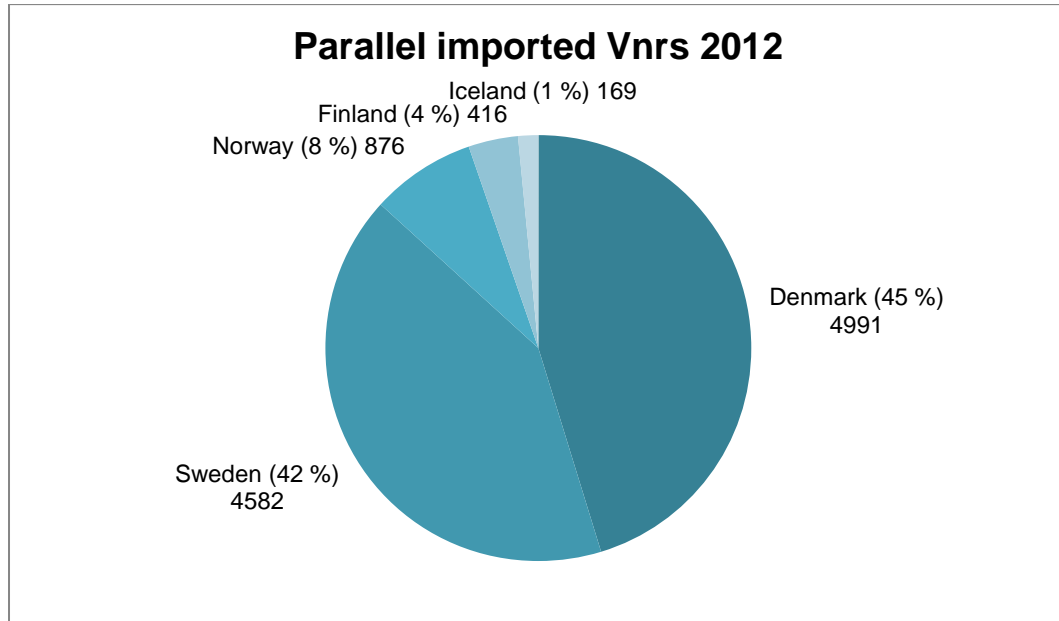
Picture 7.



Parallel imported Vnrs

There were 9801 valid parallel imported Vnrs in the Nordic countries in 2012. Most of the parallel imported Vnrs were Danish (Picture 8.).

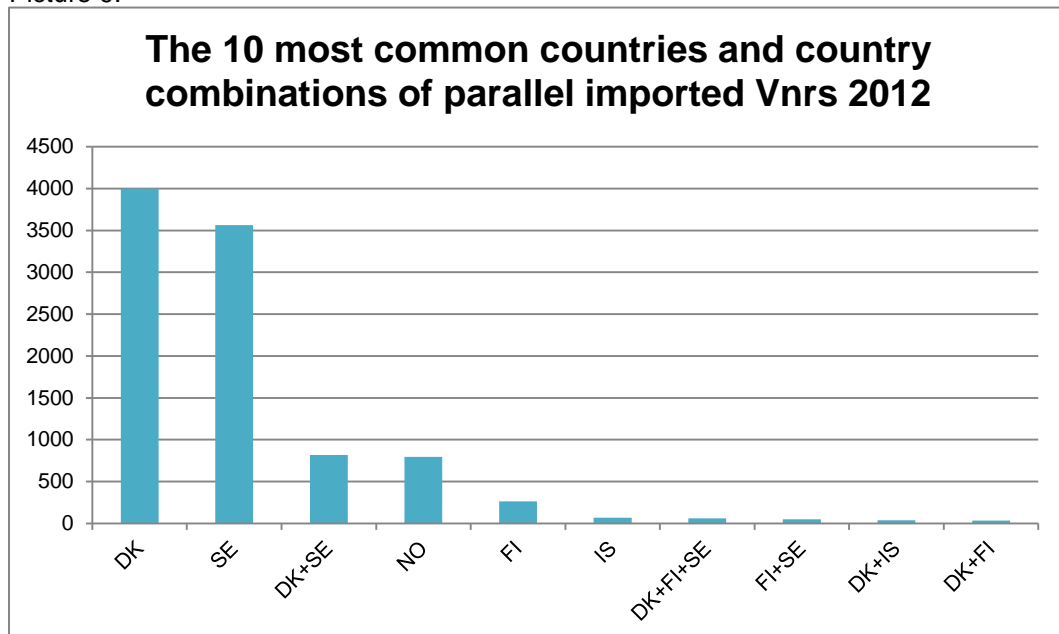
Picture 8.



The most common countries and country combinations of parallel imported Vnrs

There are most parallel imported Vnrs in Denmark, least in Iceland (Picture 9.).

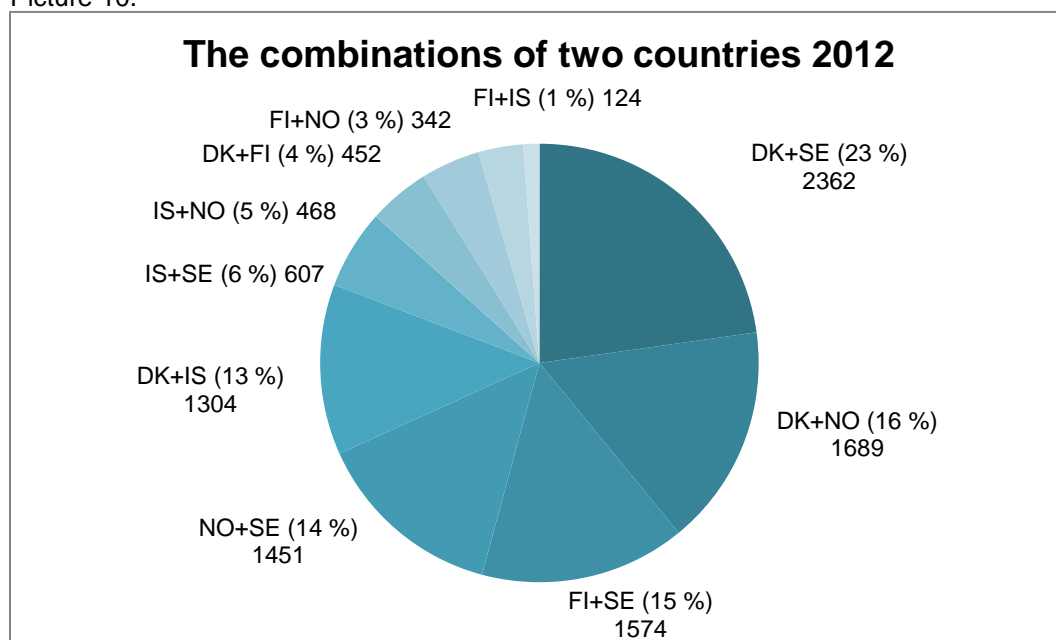
Picture 9.



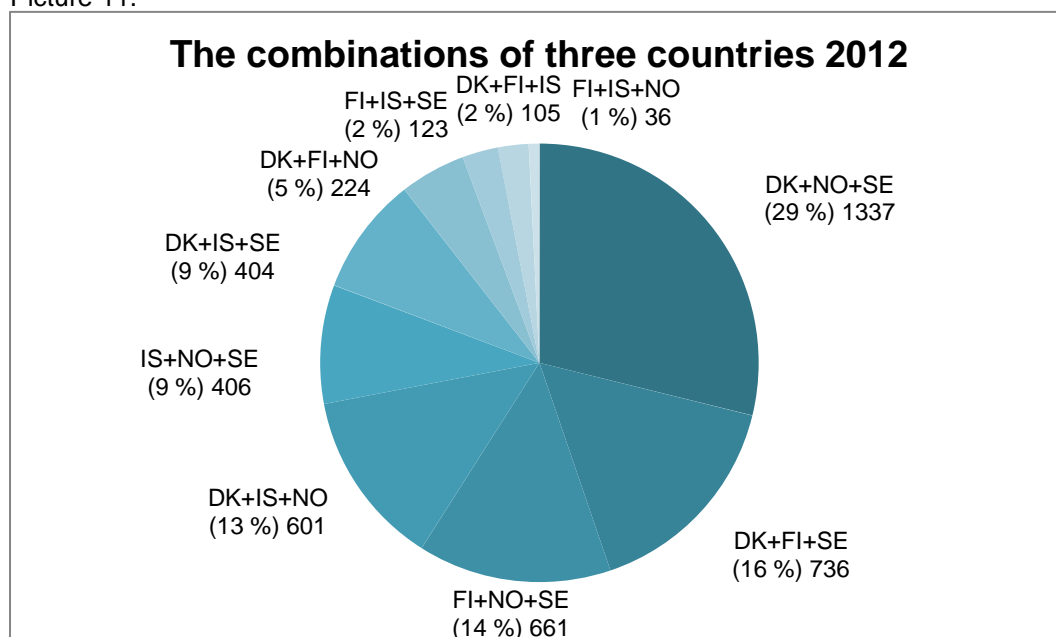
Country combinations of common Vnrs

Sweden and Denmark is the most common country combination of two countries (Picture 10.). The most used combination of three countries is Sweden, Denmark and Norway (Picture 11.). The amount of combinations of four and five countries is visualized in Picture 12.

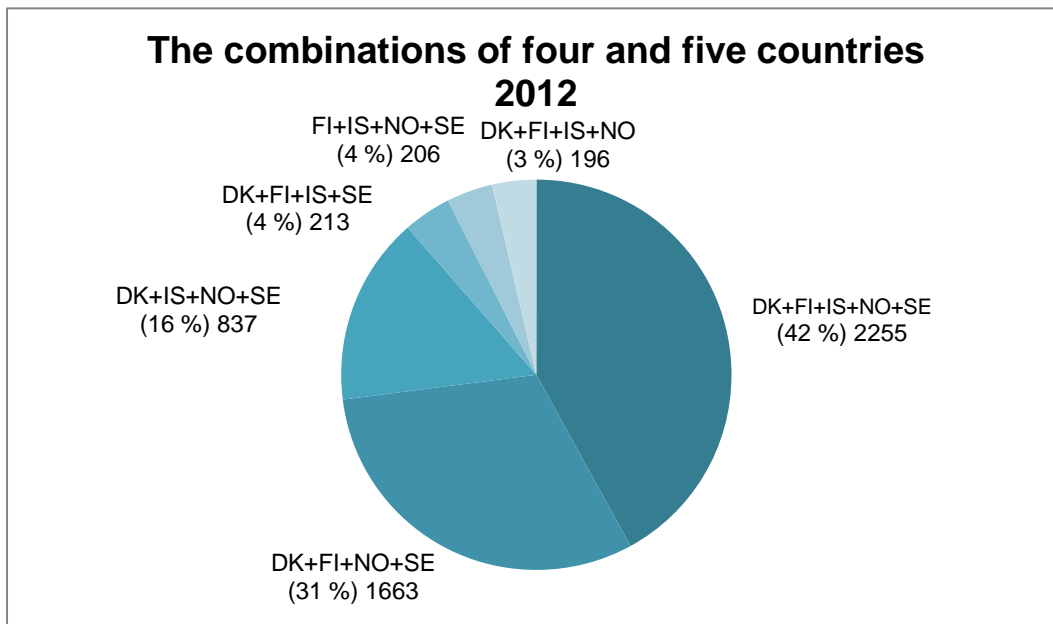
Picture 10.



Picture 11.

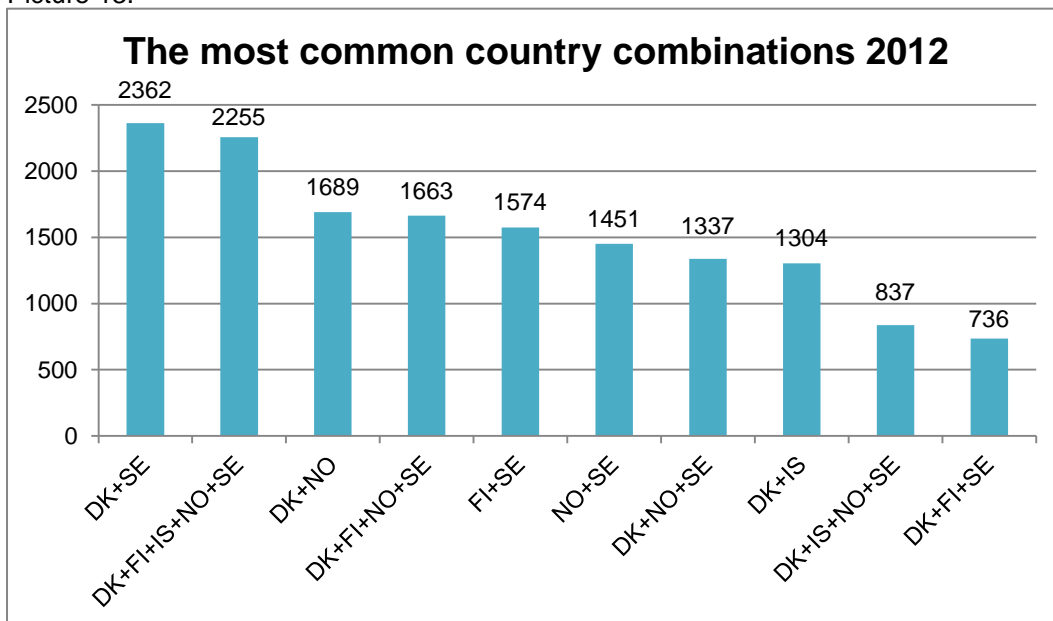


Picture 12.



The most common country combination was Sweden and Denmark. The 10 most common country combinations of Vnrs can be seen in picture 13.

Picture 13.



The amount of Vnrs with country combinations of two, three, four and five countries 2012 (Table 1.).

Table 1.

The amount of country combinations of two, three, four and five countries 2012	
2 countries	10373
3 countries	4633
4 countries	3115
5 countries	2255

Vnr Data country by country

Denmark

In Denmark there were 27 890 valid Vnrs and 4991 valid parallel imported Vnrs in 2012. More detailed information can be found in the following tables and the pictures.

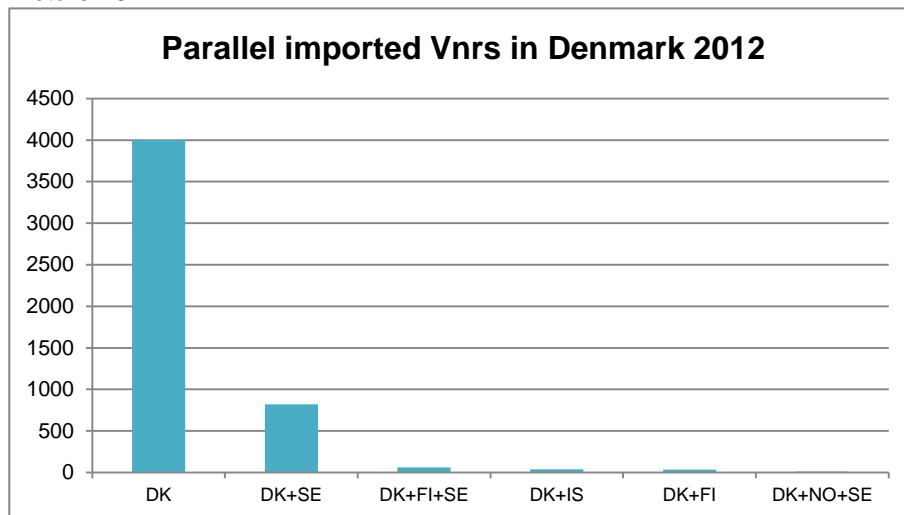
Table 2.

Common and national Vnrs in Denmark 2012	
All	27890
Common	19922 (71 %)
National	7968 (29 %)
Parallel imported	4991 (18 %)

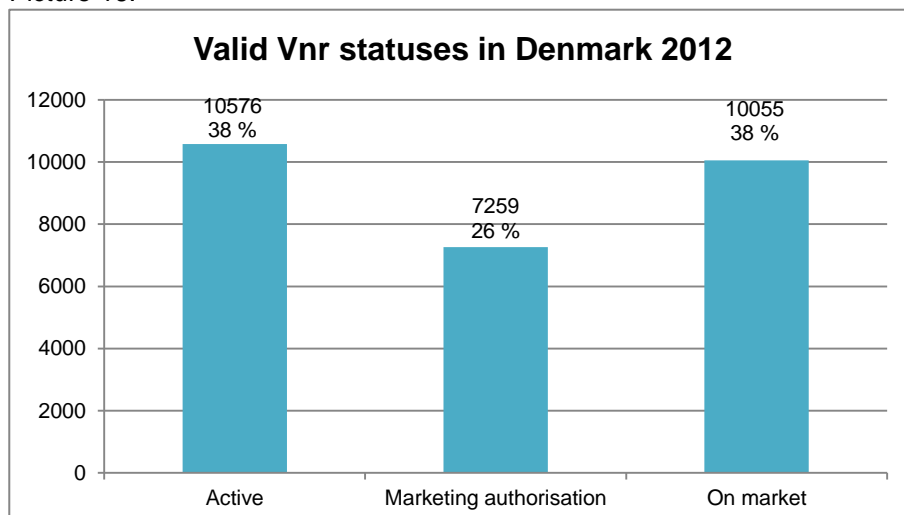
Table 3.

Human and veterinary medicines in Denmark 2012	
Human	25512 (91 %)
Veterinary	2489 (8 %)
Human and veterinary	5 (0 %)

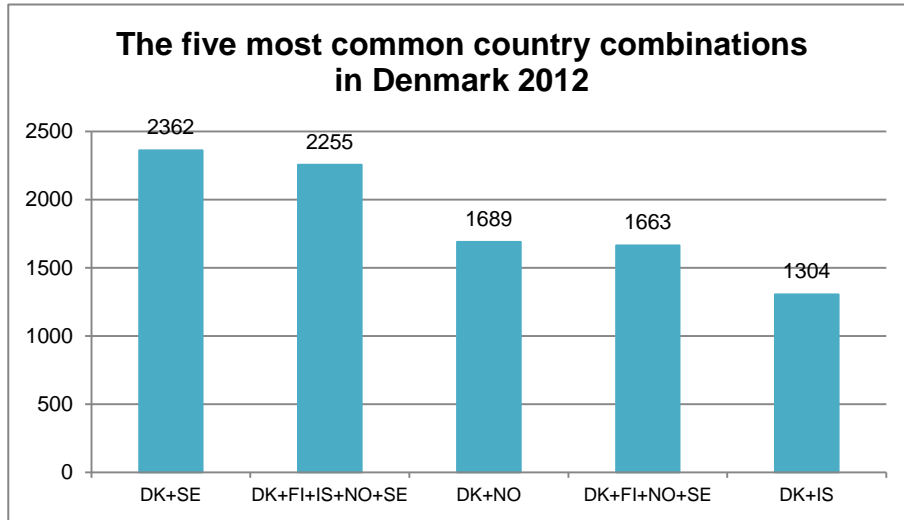
Picture 15.



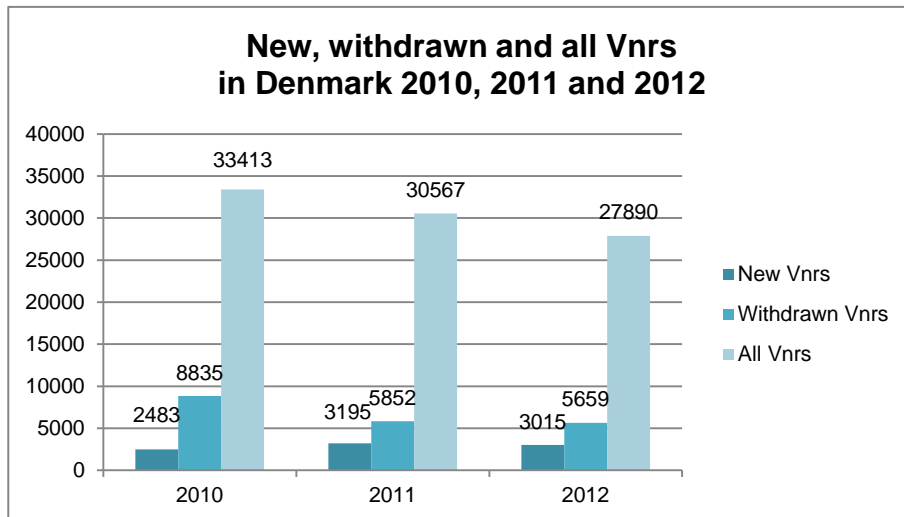
Picture 16.



Picture 17.



Picture 18.



Finland

In Finland there were 15 222 valid Vnrs and 416 valid parallel imported Vnrs in 2012. More detailed information can be found in the following tables and the pictures.

Table 4.

Common and national Vnrs in Finland 2012	
All	15222
Common	12016 (79 %)
National	3206 (21 %)
Parallel imported	416 (3 %)

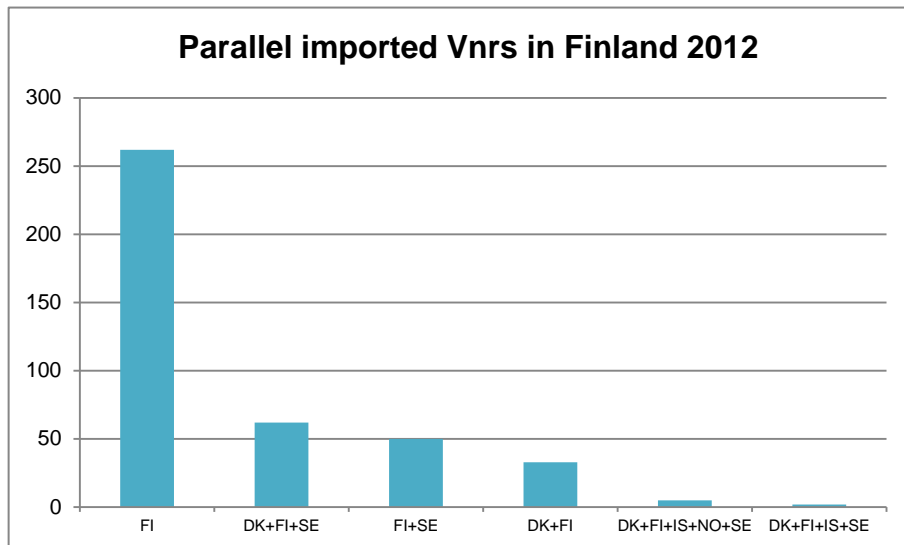
Table 5.

Prescription only, harmful in traffic and narcotic medicines in Finland 2012	
Prescription only	12505 (82 %)
Harmful in traffic	1033 (6 %)
Narcotic	226 (1 %)

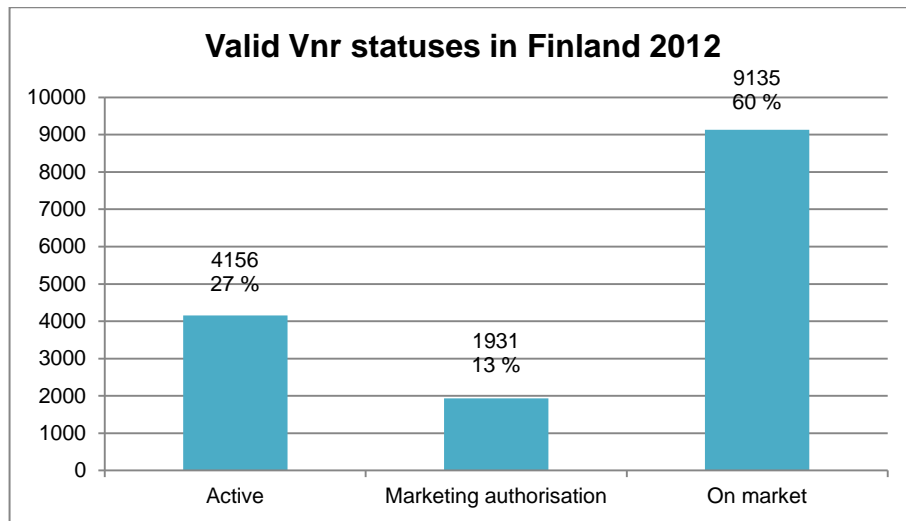
Table 6.

Human and veterinary medicines in Finland 2012	
Human	13737 (90 %)
Veterinary	1492 (10 %)
Human and veterinary	14 (0 %)

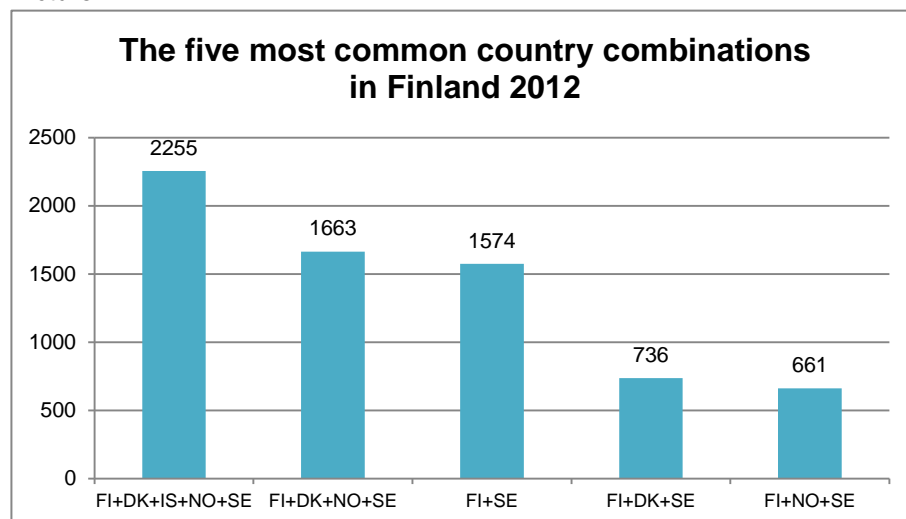
Picture 19.



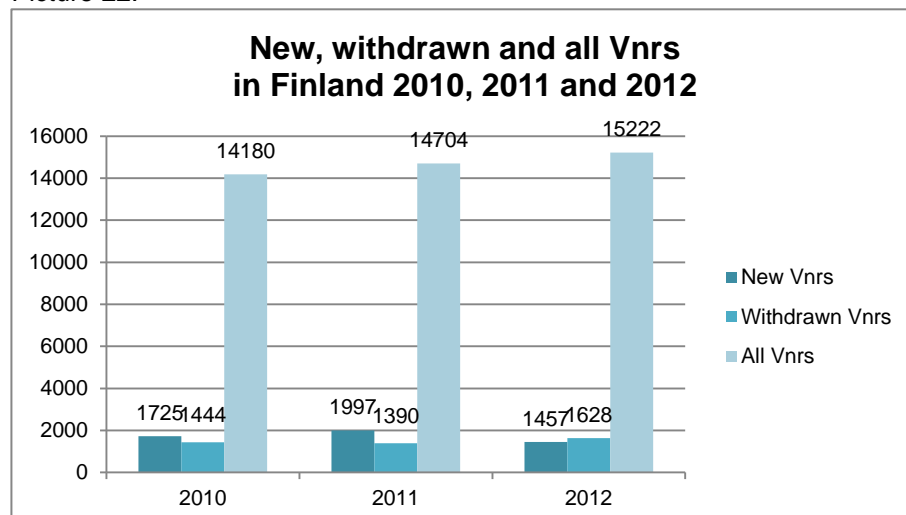
Picture 20.



Picture 21.



Picture 22.



Iceland

In Iceland there were 10 691 valid Vnrs and 169 valid parallel imported Vnrs in 2012. More detailed information can be found in the following tables and the pictures.

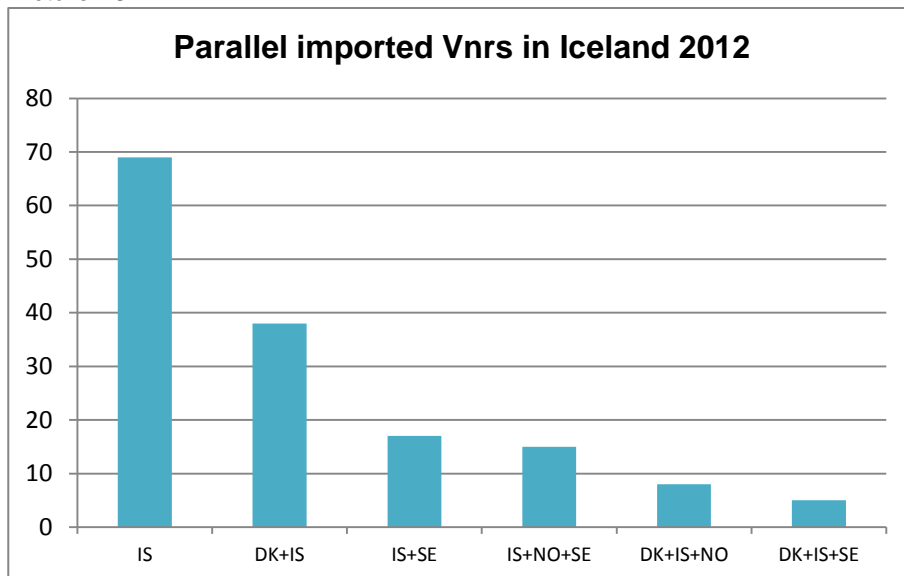
Table 7.

Common and national Vnrs in Iceland 2012	
All	10691
Common	10249 (96 %)
National	442 (4 %)
Parallel imported	169 (2 %)

Table 8.

Human and veterinary medicines in Iceland 2012	
Human	10211 (96 %)
Veterinary	482 (4 %)
Human and veterinary	2 (0 %)

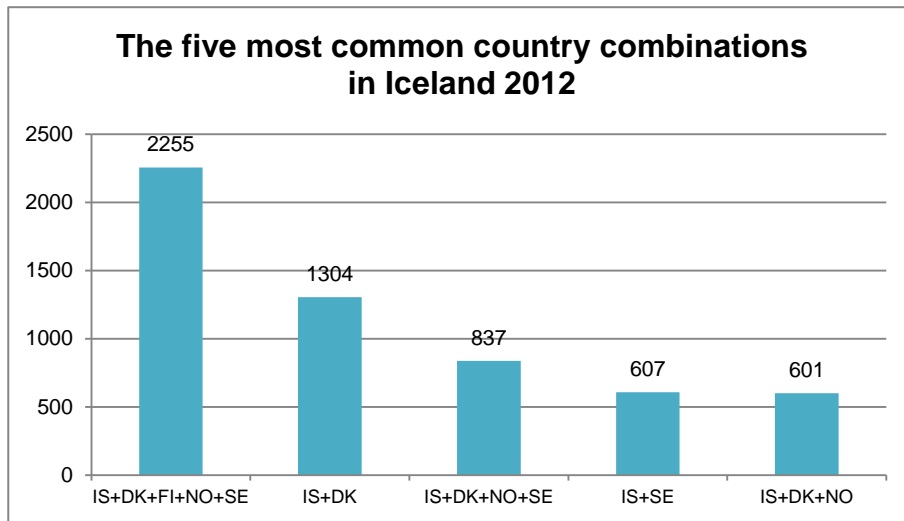
Picture 23.



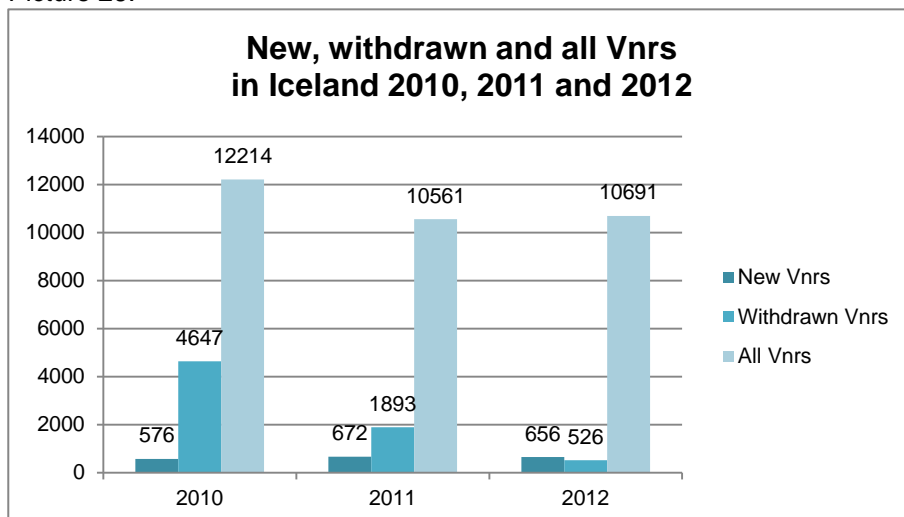
Picture 24.



Picture 25.



Picture 26.



Norway

In Norway there were 17 998 valid Vnrs and 876 valid parallel imported Vnrs in 2012. More detailed information can be found in the following tables and the pictures.

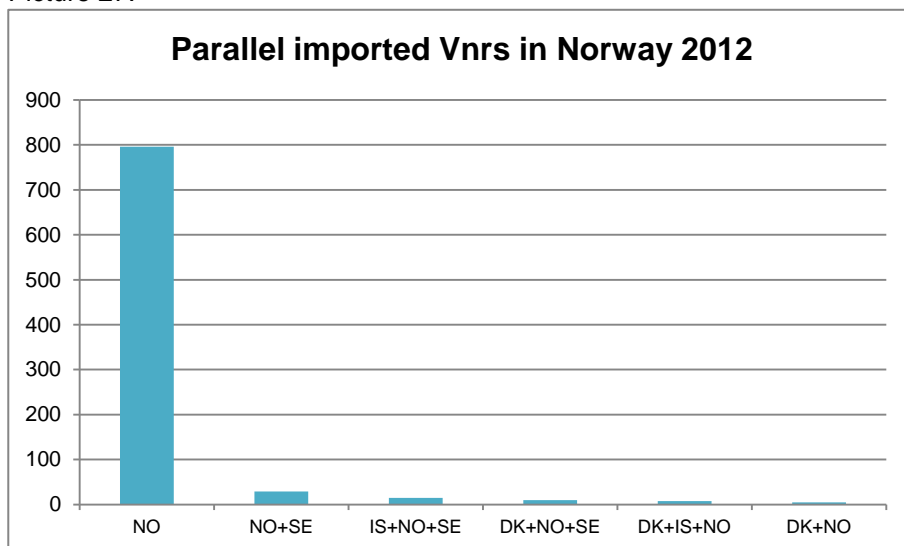
Table 7.

Common and national Vnrs in Norway 2012	
All	17998
Common	14767 (82 %)
National	3231 (18 %)
Parallel imported	876 (5 %)

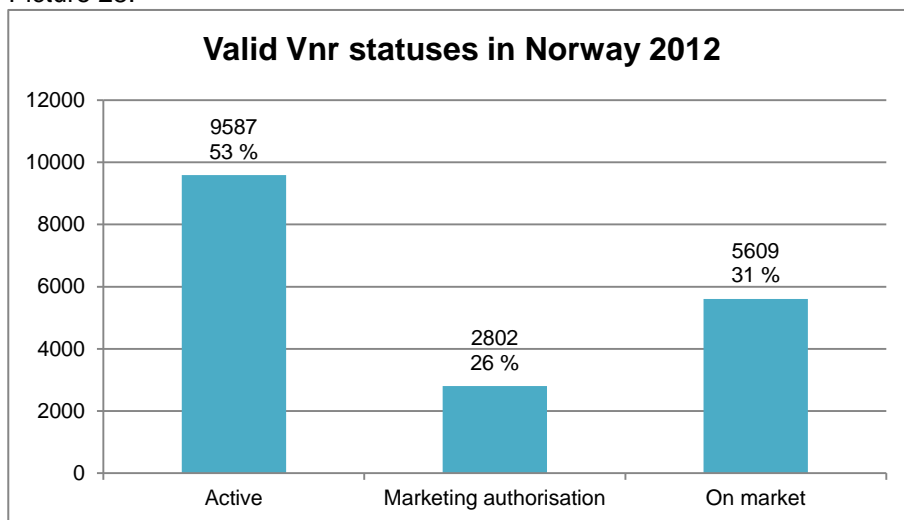
Table 8.

Human and veterinary medicines in Norway 2012	
Human	16956 (94 %)
Veterinary	1051 (6 %)
Human and veterinary	10 (0 %)

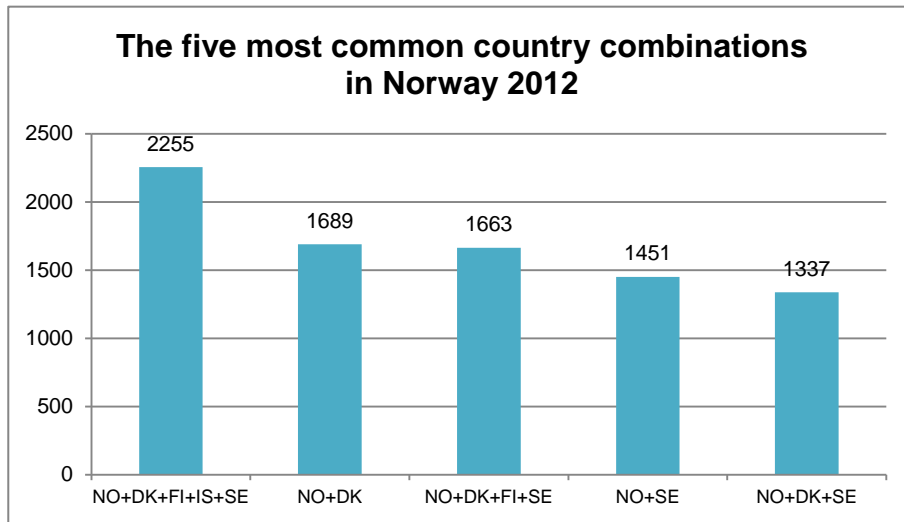
Picture 27.



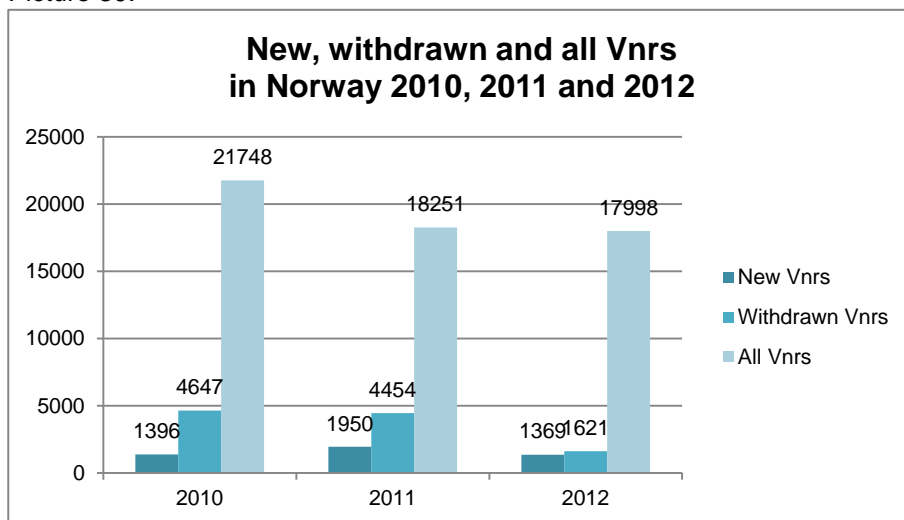
Picture 28.



Picture 29.



Picture 30.



Sweden

In Sweden there were all together 30 878 Vnrs and 4582 parallel imported Vnrs in 2012. More detailed information can be found in the tables and the pictures below.

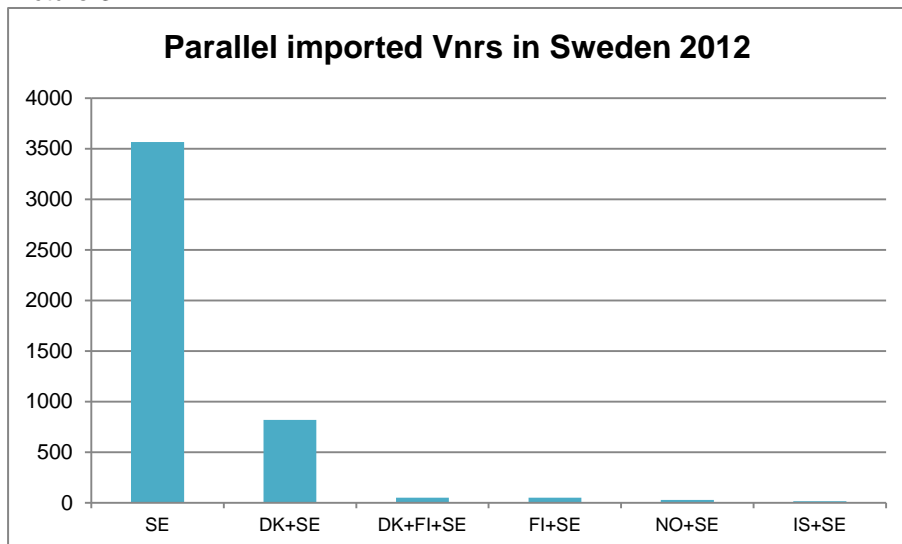
Table 7.

Common and national Vnrs in Sweden 2012	
All	30878
Common	23281 (75 %)
National	7597 (25 %)
Parallel imported	4582 (15 %)

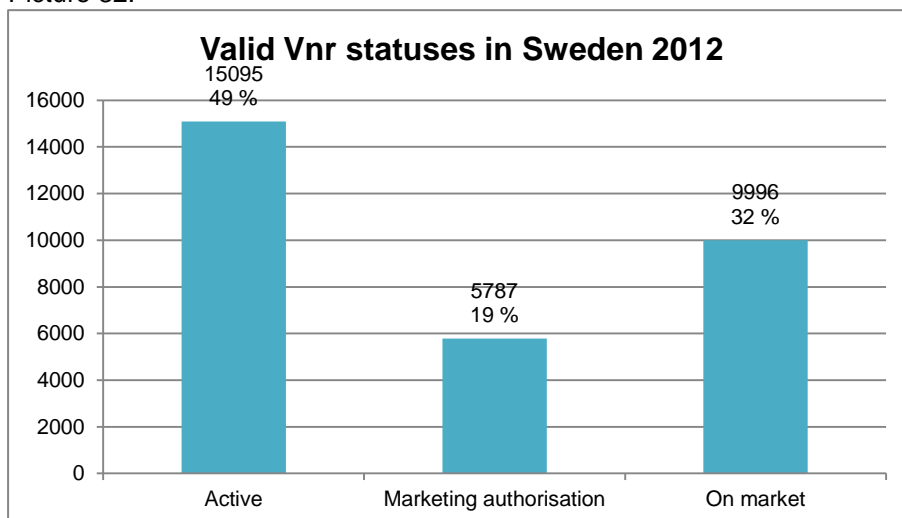
Table 8.

Human and veterinary medicines in Sweden 2012	
Human	29265 (95 %)
Veterinary	1620 (5 %)
Human and veterinary	8 (0 %)

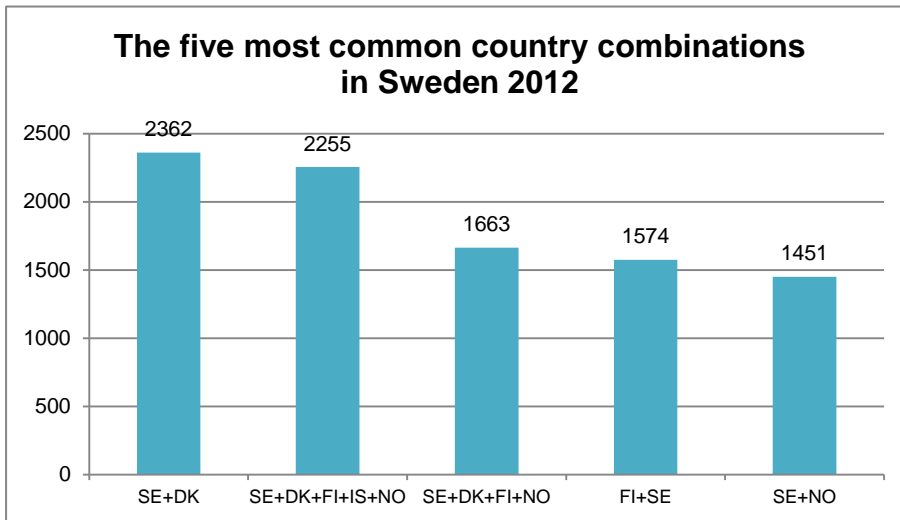
Picture 31.



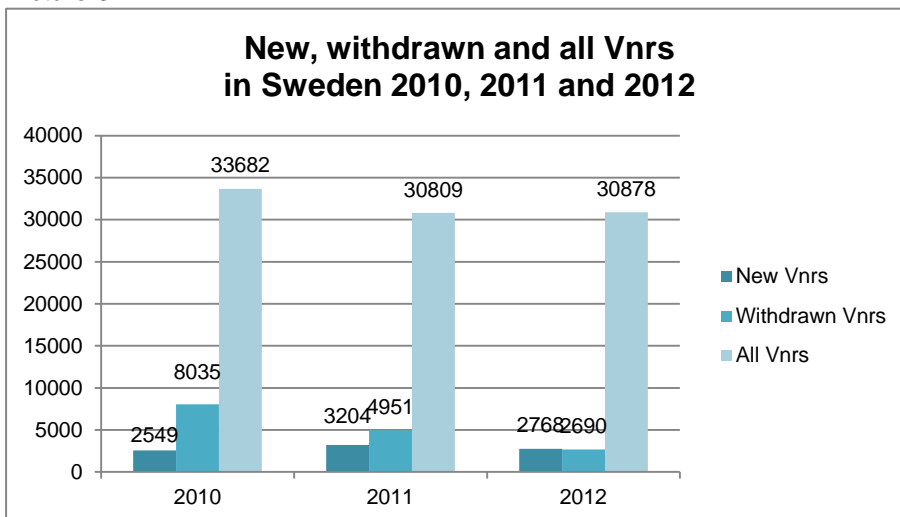
Picture 32.



Picture 33.



Picture 34.



Pharmaceutical Information Centre shortly

Pharmaceutical Information Centre Ltd (Lääketietokeskus Oy) is a modern drug information and skills development company. We maintain up to date drug information databases for consumers, healthcare professionals, companies and healthcare IT providers. Our best-known services and products are Pharmaca Fennica[®], Kodin Lääkeopas[™], Lääkekortti.fi, Lääkeinfo.fi and pharmaceutical seminars.

We carry out corporate social responsibility by providing ePrescription pharmaceutical database for the Social Insurance Institution (Kela). We work together with our partners every day to ensure medication safety in Finland, and also strengthen patient safety internationally by providing Nordic Article Number (Vnr) service.

All 9 professionals working with Vnr information in Pharmaceutical Information Centre have pharmaceutical education. Two IT-specialists work to maintain and further improve our databases and other services.