



Lääketietokeskus
Pharmaceutical Information Centre

Nordic VNR Services

VNR Statistics of the Year 2011

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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 2011 collaboration and communication with pharmaceutical companies has been running well. Companies have learned to take advantage 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 username and password, which can be obtained by filling out the registration form on site www.vnr.fi.

Vnr services are offered in three languages, English, Swedish and Finnish. All 9 professionals working with Vnr information in Pharmaceutical Information Centre have pharmaceutical education.

In 2011 there were over 780 users in the service from 360 marketing companies. The average user visited the Vnr extranet service 24,5 times during the year. There were 10 705 trade names with valid Vnrs. These Vnrs belonged to 937 different marketing authorization holders.

Feedback

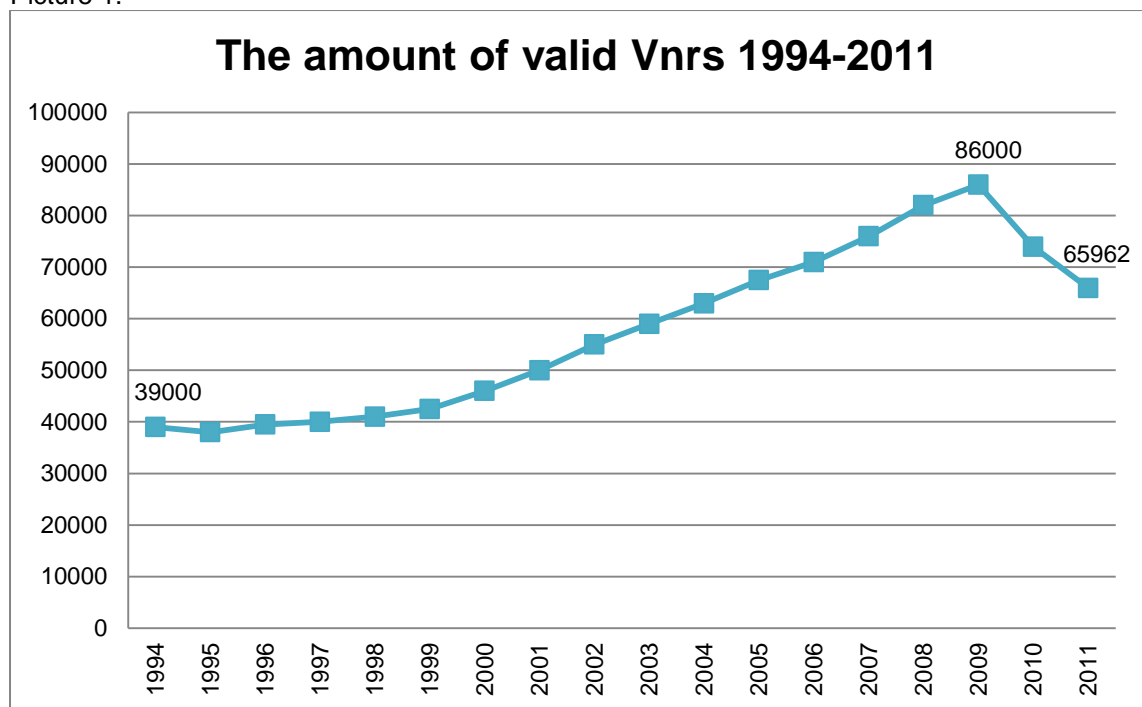
Following pages present the basic Vnr statistics from the year 2011. Statistics will be developed further for the year 2012, so all suggestions and comment would be important. Feedback and all Vnr related issues are kindly asked to deliver to address vnur@vnur.fi.

Vnr Statistics of the year 2011

The amount of valid Vnrs

The amount of the valid Vnrs (valid = all, but withdrawn) has been increasing evenly until 2009 (picture 1.).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 Vnrs not needed any more was changed to withdrawn. The inspection of Vnr data and status information was continued 2011, which lead to the decreasing trend in the amount of valid Vnrs.

Picture 1.



Status distribution

The Vnr status administration was developed at the time of transfer of the central Vnr administration. Now there are 4 different Vnr status:

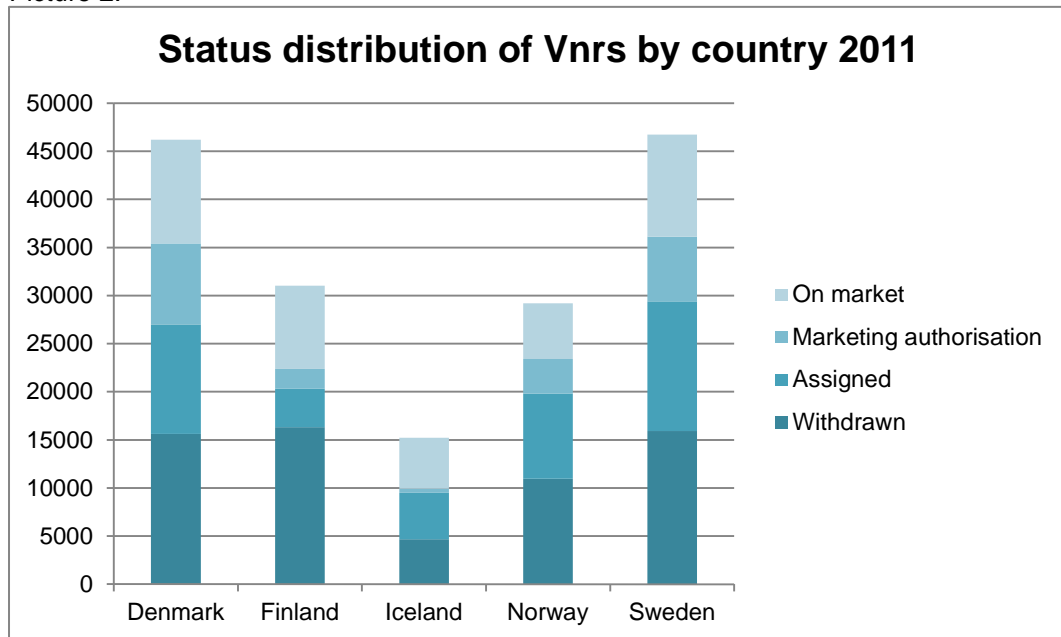
- **Assigned:** assigned Vnr is valid, but doesn't have marketing authorisation and is not on market
- **MA:** Vnr has marketing authorization but is not yet or anymore on market
- **On market:** Vnr is on market
- **Withdrawn:** Vnr can not be used anymore. Vnr is not valid. Information of withdrawn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

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

At the end of 2011 45 % of the valid Vnrs had the status "on market" in one or more countries. There are 30 679 Vnrs in the database which are withdrawn from all countries.

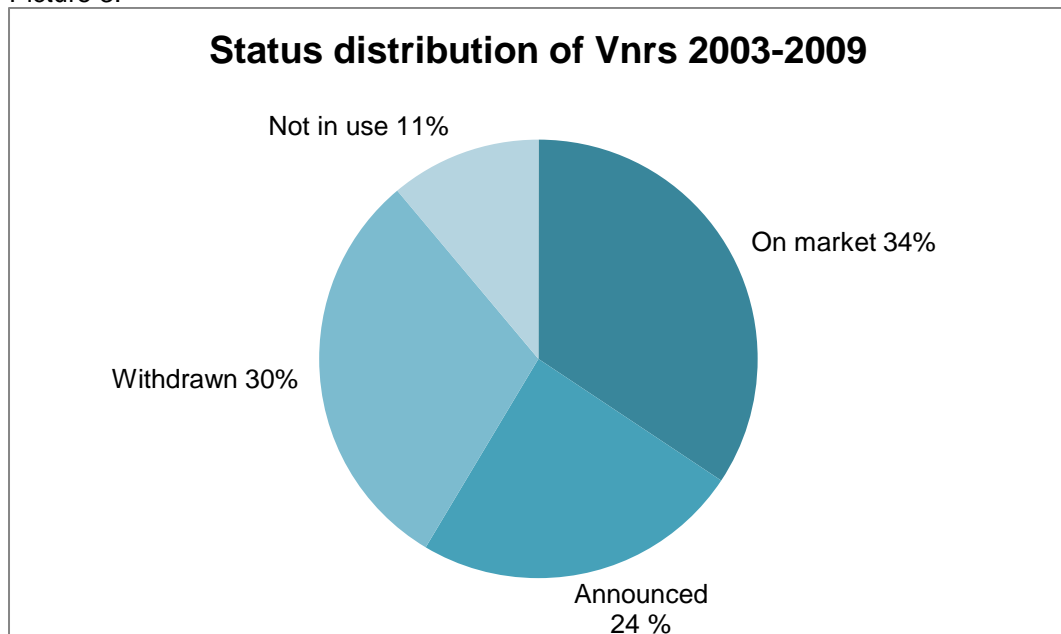
In 2011 most of the Vnrs were in use in Denmark and Sweden, least Vnrs there were in Iceland (picture 2.). Status distribution of Vnrs varies slightly by country. Country specific data is shown starting from page 11.

Picture 2.



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

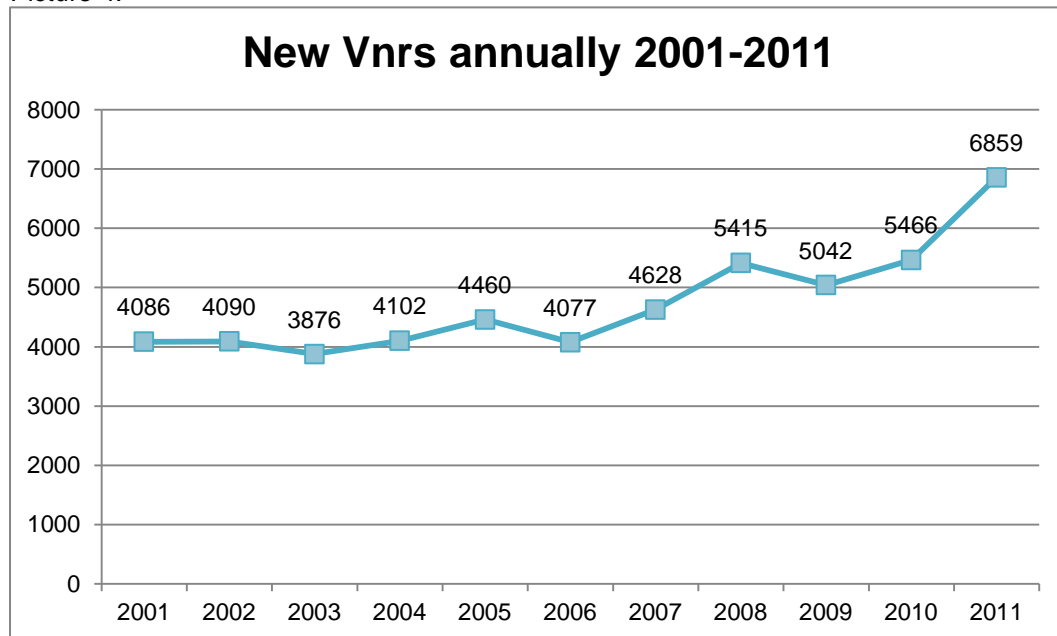
Picture 3.



New and withdrawn Vnrs and status changes

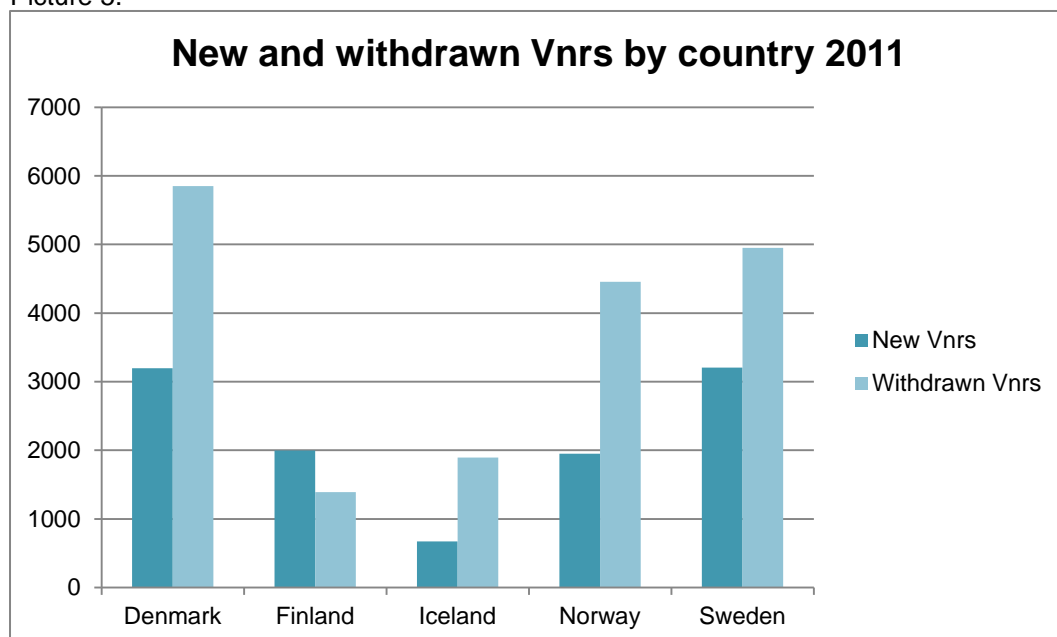
The amount of new Vnrs started to increase in 2006 (picture 4.). Between 2006 and 2011 the yearly amount of new Vnrs has increased 68 %.

Picture 4.



11 108 new Vnrs were assigned in 2011. Most of the new Vnrs were assigned to be used in Sweden and in Denmark (picture 5.). 18 540 Vnrs were changed to the status withdrawn during 2011. As well as most of the new Vnrs also most of the withdrawals were made in Sweden and Denmark (picture 5.).

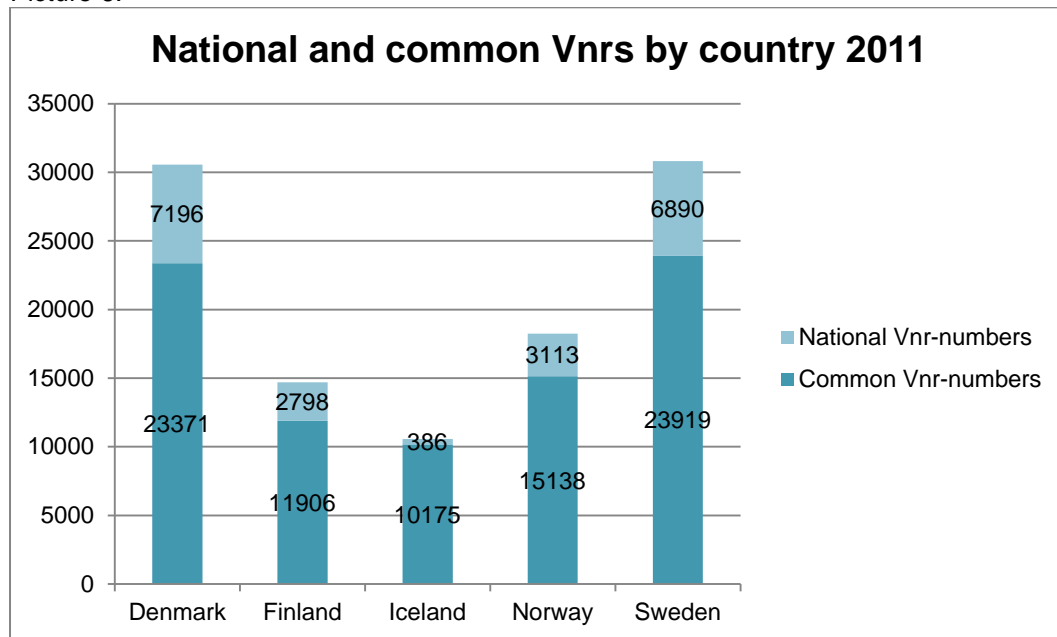
Picture 5.



Common and national Vnrs

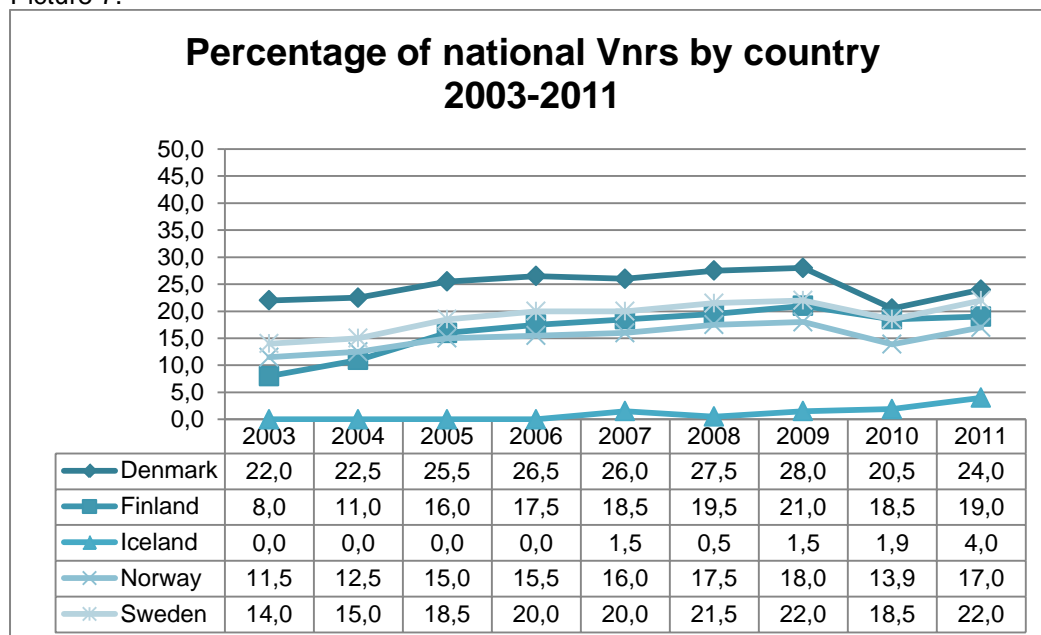
National Vnr can be used only in one Nordic country. If the type of Vnr is common, it can be used in more than one Nordic country. The type of most of the valid Vnrs was common in 2011 (picture 6.). There were some differences between the countries, for example in Iceland only 4 % but in Denmark 24 % of Vnrs were national.

Picture 6.



The percentage of valid national Vnrs has been increasing 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.

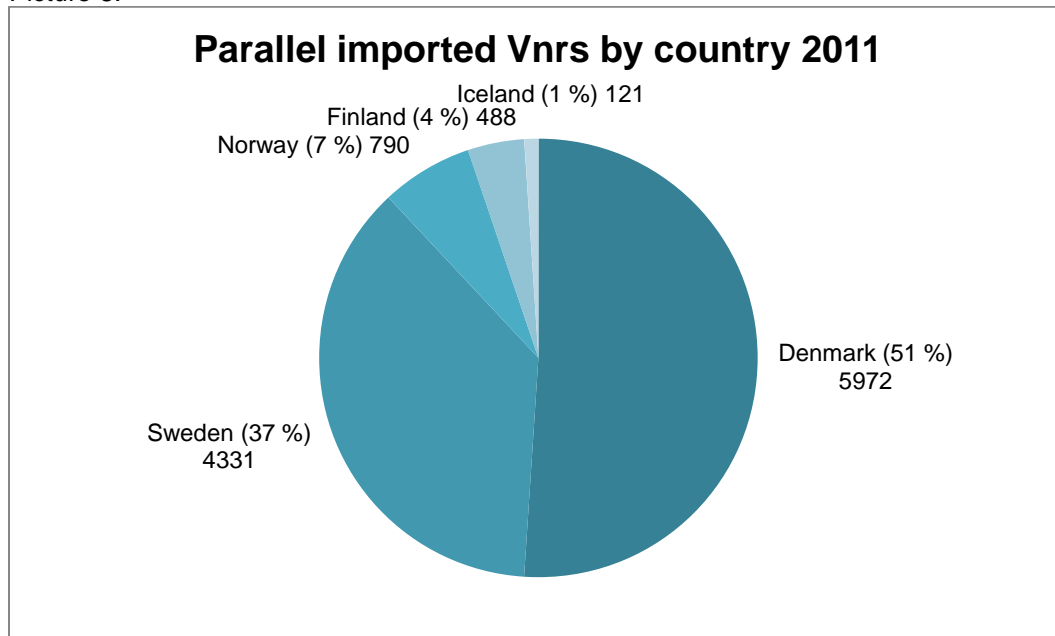
Picture 7.



Parallel imported Vnrs

There were 10 268 valid parallel imported Vnrs in the Nordic countries in 2011. More than half of the parallel imported Vnrs were Danish (Picture 8).

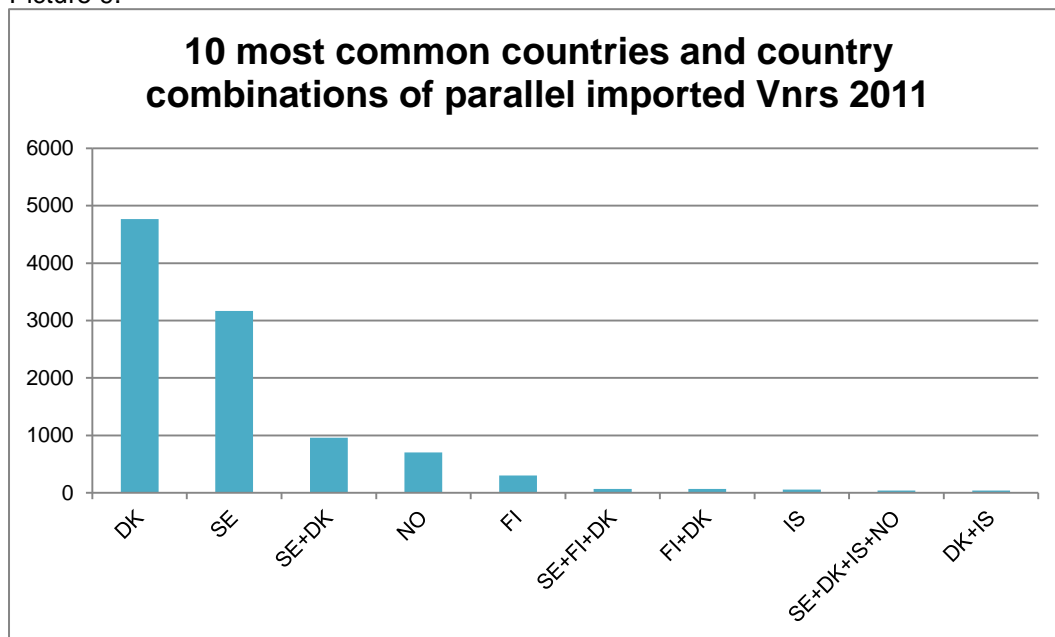
Picture 8.



The most common countries and country combinations of parallel imported Vnrs

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

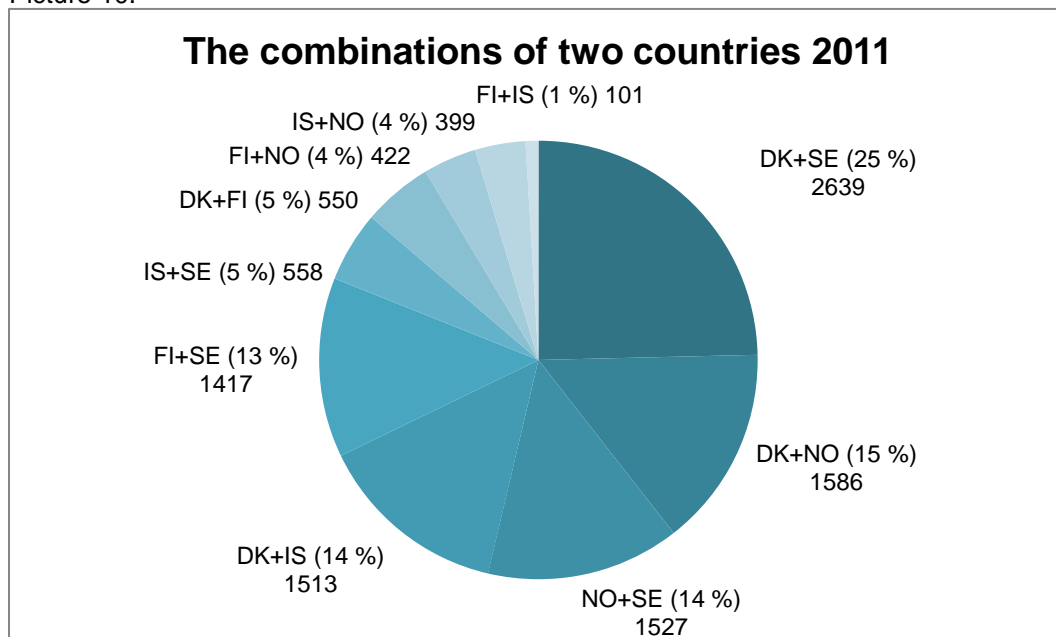
Picture 9.



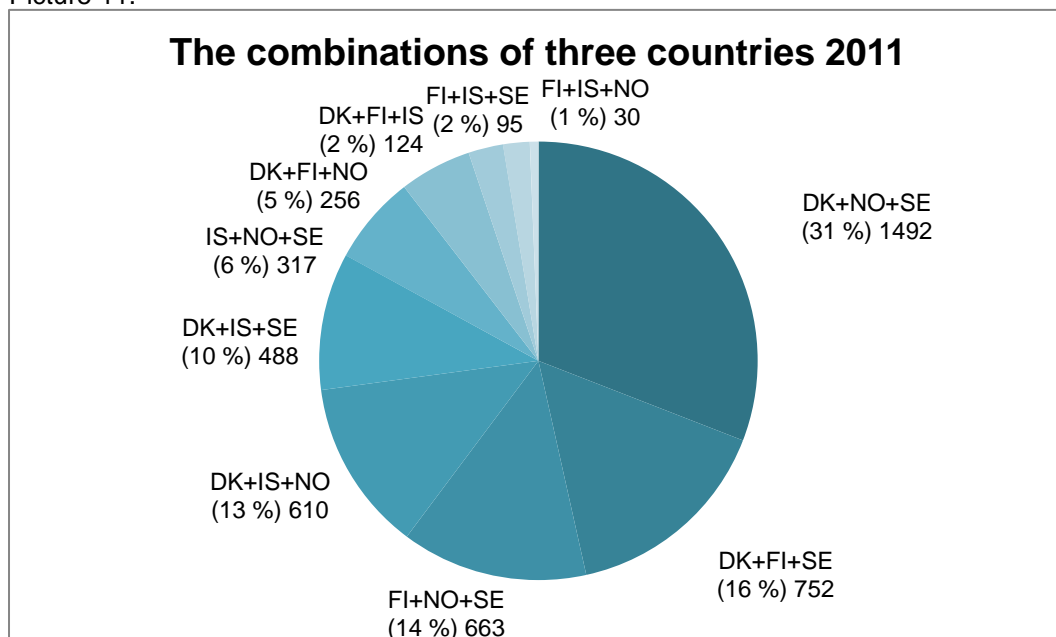
Country combinations of common Vnrs

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.

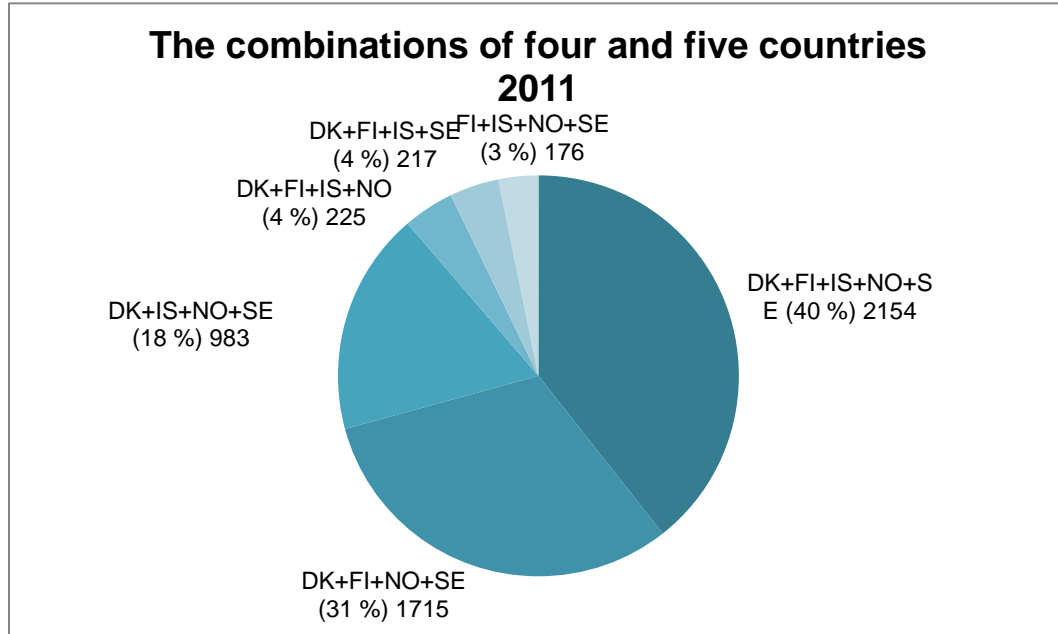
Picture 10.



Picture 11.

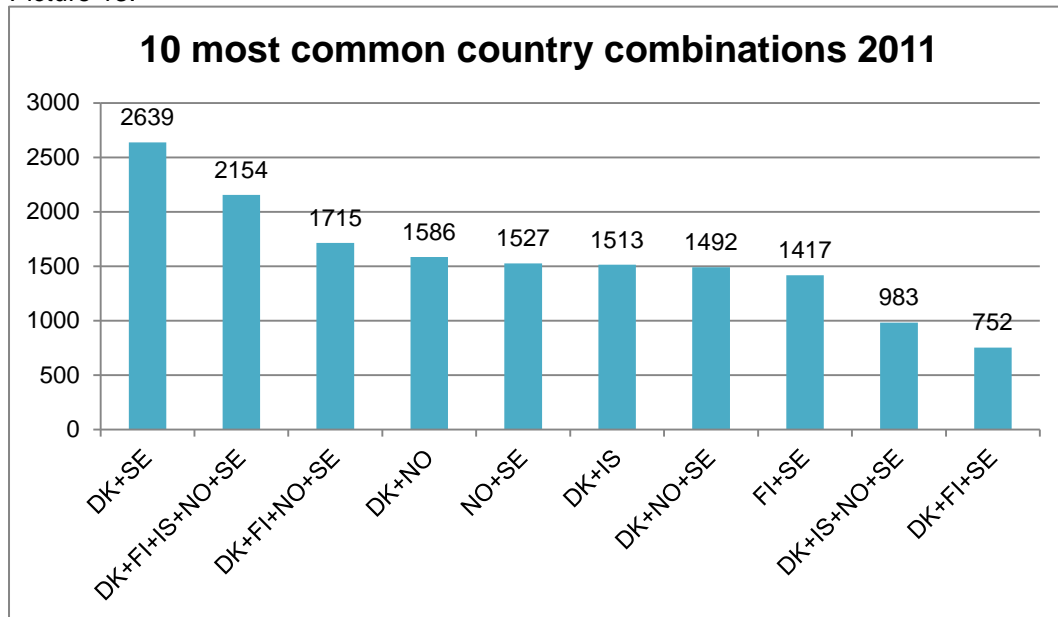


Picture 12.



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

Picture 13.



The amount of Vnrs with country combinations of two, three, four and five countries 2011 (Table 1.).

Table 1.

The amount of country combinations of two, three, four and five countries 2011	
2 countries	10712
3 countries	4827
4 countries	3316
5 countries	1254

Vnr Data country by country

Denmark

In Denmark there were 30 567 valid Vnrs and 5972 valid parallel imported Vnrs in 2011. More detailed information can be found in the following tables and the pictures.

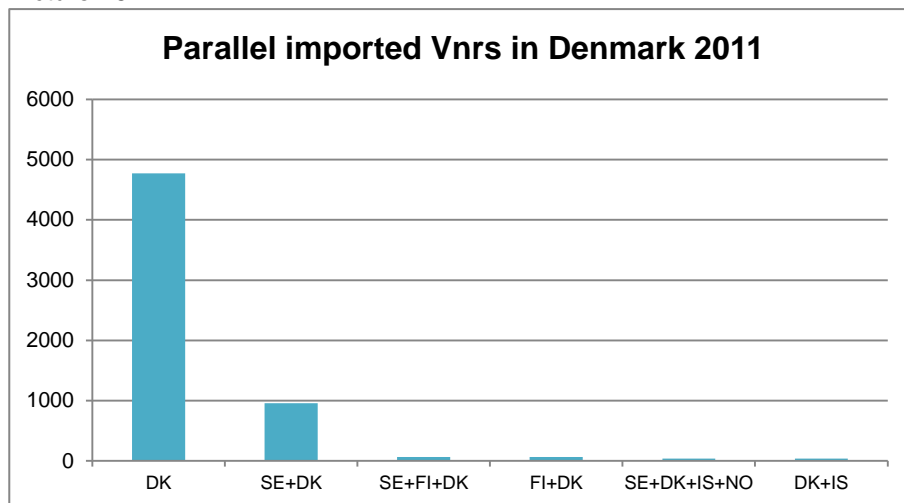
Table 2.

Common and national Vnrs in Denmark 2011	
All	30567
Common	23371 (76 %)
National	7196 (24 %)
Parallel imported	5972 (20 %)

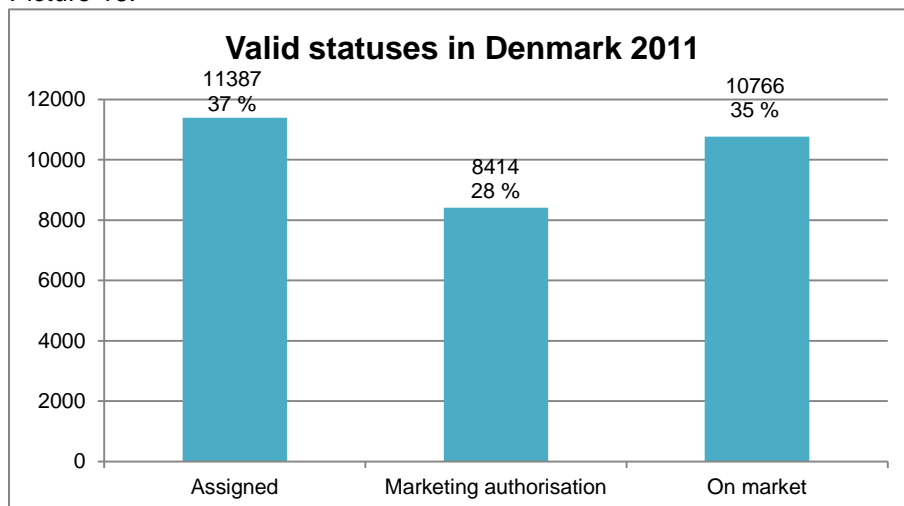
Table 3.

Human and veterinary medicines in Denmark 2011	
Human	28073 (92 %)
Veterinary	2489 (8 %)
Human and veterinary	5 (0 %)

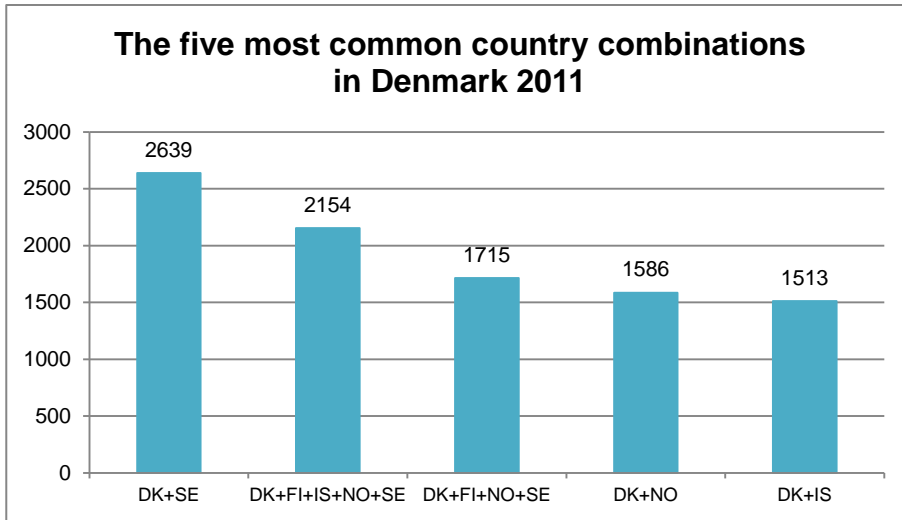
Picture 15.



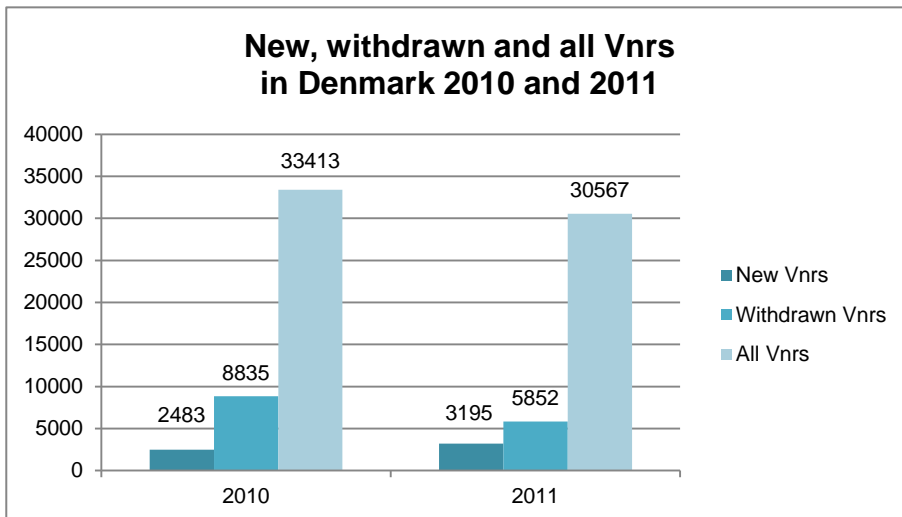
Picture 16.



Picture 17.



Picture 18.



Finland

In Finland there were 14 704 valid Vnrs and 488 valid parallel imported Vnrs in 2011. More detailed information can be found in the following tables and the pictures.

Table 4.

Common and national Vnrs in Finland 2011	
All	14704
Common	11906 (81 %)
National	2798 (19 %)
Parallel imported	488 (3 %)

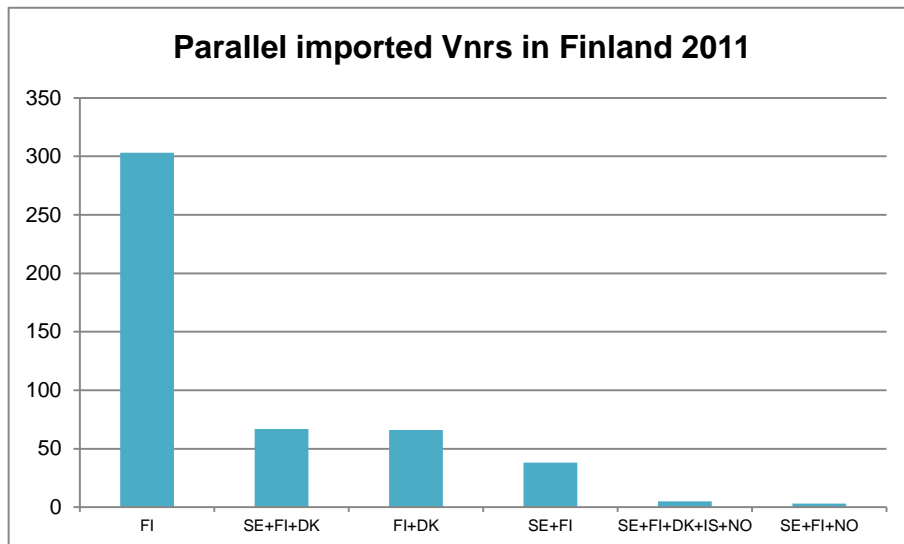
Table 5.

Prescription only, harmful in traffic and narcotic medicines in Finland 2011	
Prescription only	12344 (84 %)
Harmful in traffic	973 (7 %)
Narcotic	208 (1 %)

Table 6.

Human and veterinary medicines in Finland 2011	
Human	13629 (93 %)
Veterinary	1059 (7 %)
Human and veterinary	16 (0 %)

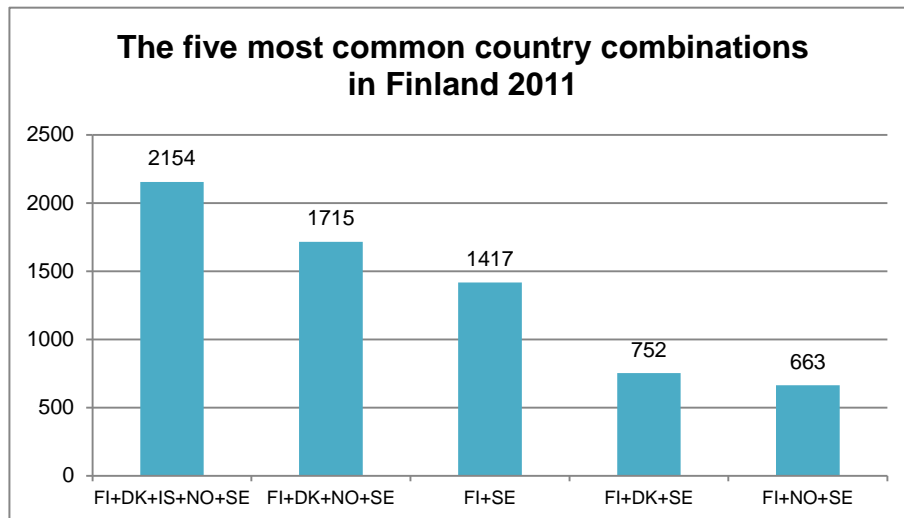
Picture 19.



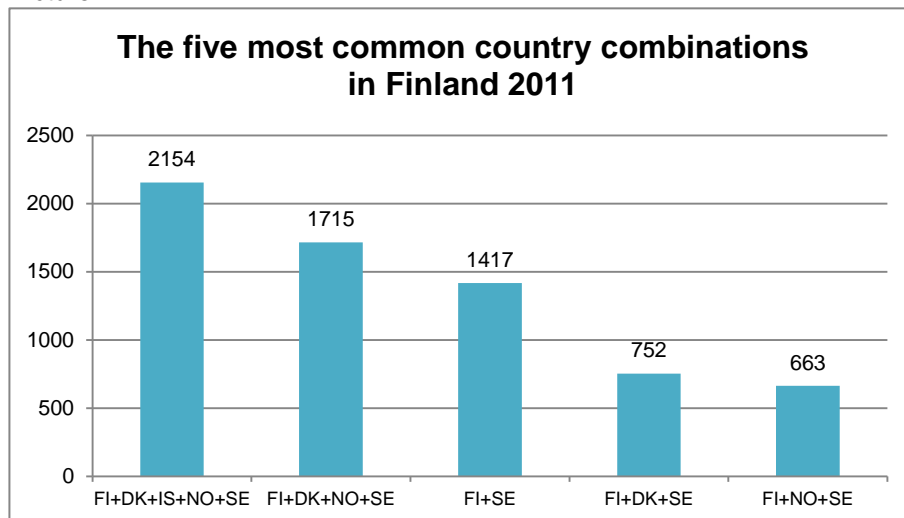
Picture 20.



Picture 21.



Picture 22.



Iceland

In Iceland there were 10 561 valid Vnrs and 121 valid parallel imported Vnrs in 2011. More detailed information can be found in the following tables and the pictures.

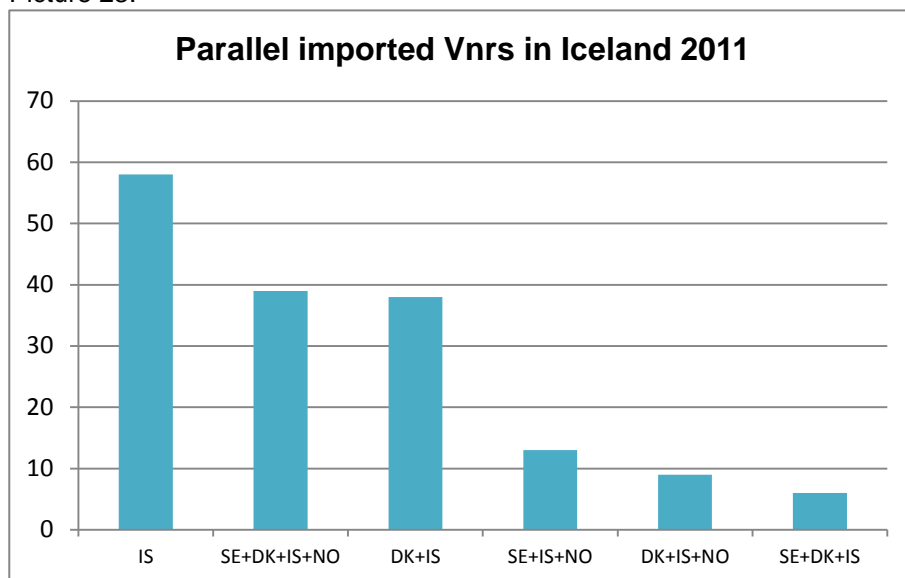
Table 7.

Common and national Vnrs in Iceland 2011	
All	10561
Common	10175 (96 %)
National	386 (3 %)
Parallel imported	121 (1 %)

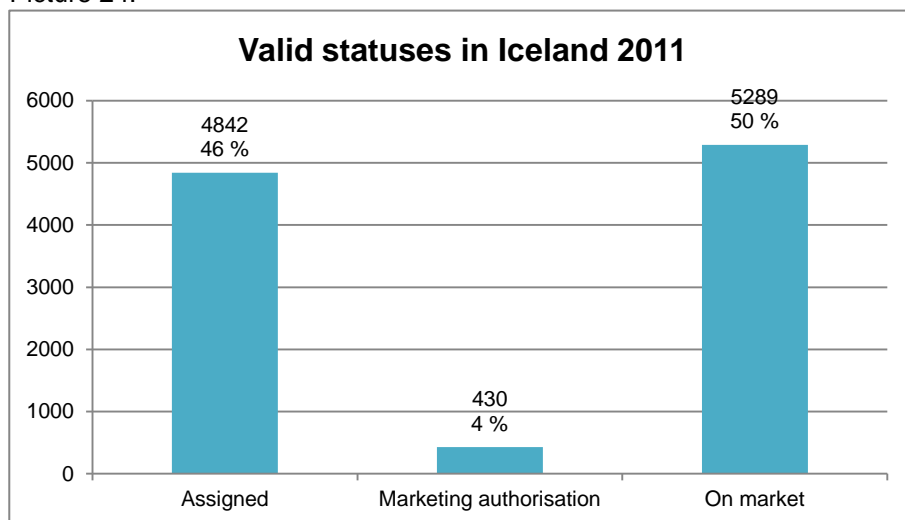
Table 8.

Human and veterinary medicines in Iceland 2011	
Human	10102 (96 %)
Veterinary	457 (4 %)
Human and veterinary	2 (0 %)

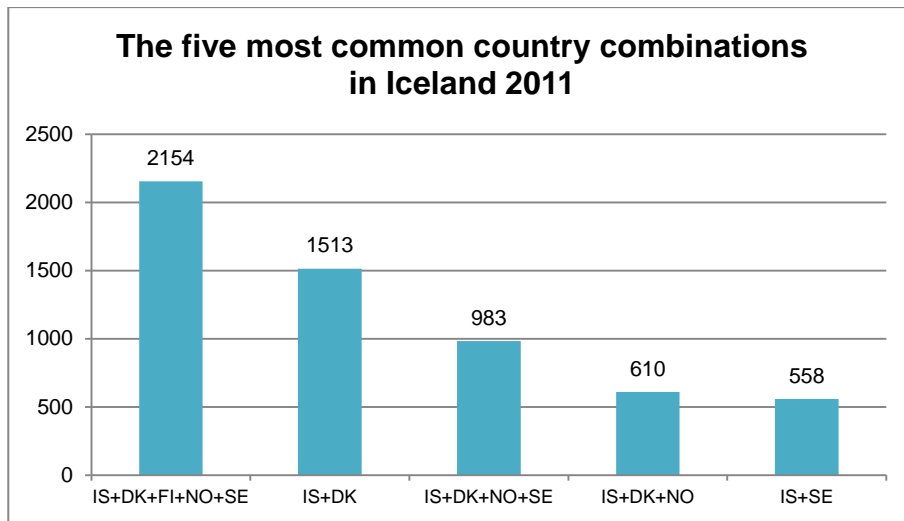
Picture 23.



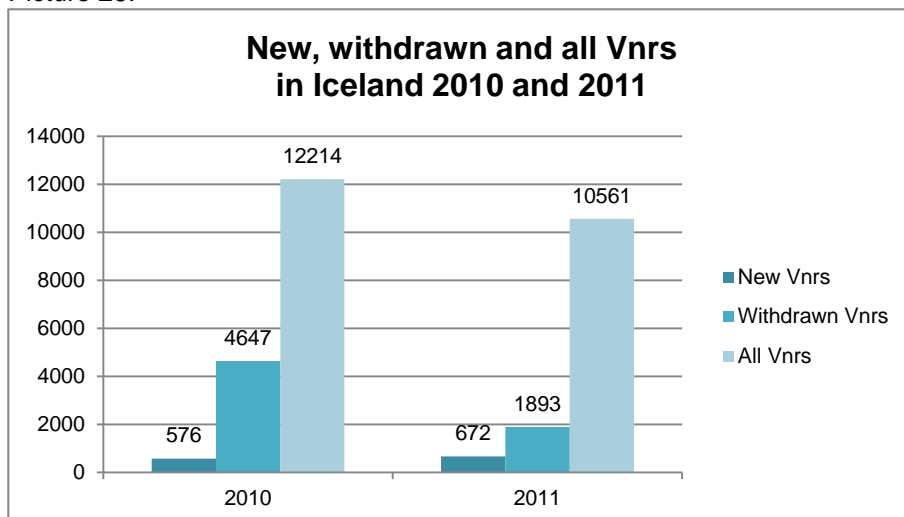
Picture 24.



Picture 25.



Picture 26.



Norway

In Norway there were 18 251 valid Vnrs and 790 valid parallel imported Vnrs in 2011. More detailed information can be found in the following tables and the pictures.

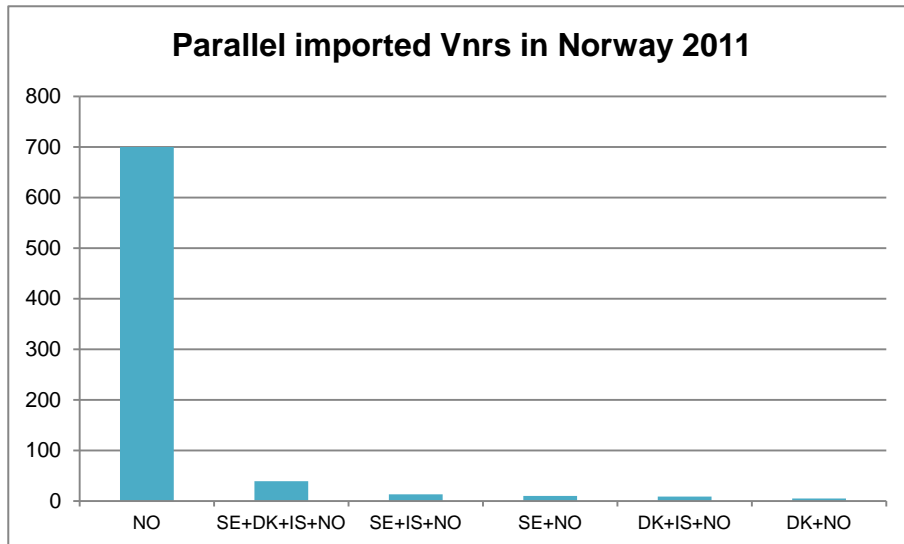
Table 7.

Common and national Vnrs in Norway 2011	
All	18251
Common	15138 (83 %)
National	3113 (17 %)
Parallel imported	790 (4 %)

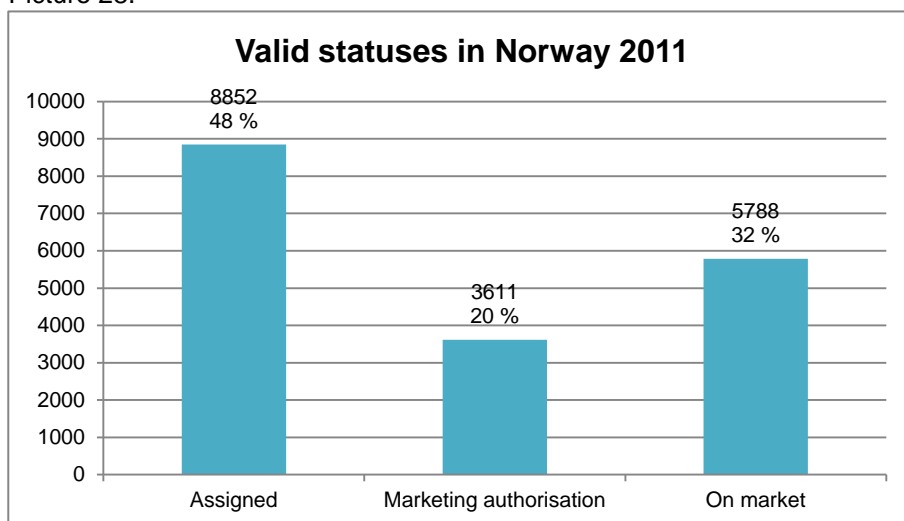
Table 8.

Human and veterinary medicines in Norway 2011	
Human	17250 (94 %)
Veterinary	991 (6 %)
Human and veterinary	10 (0 %)

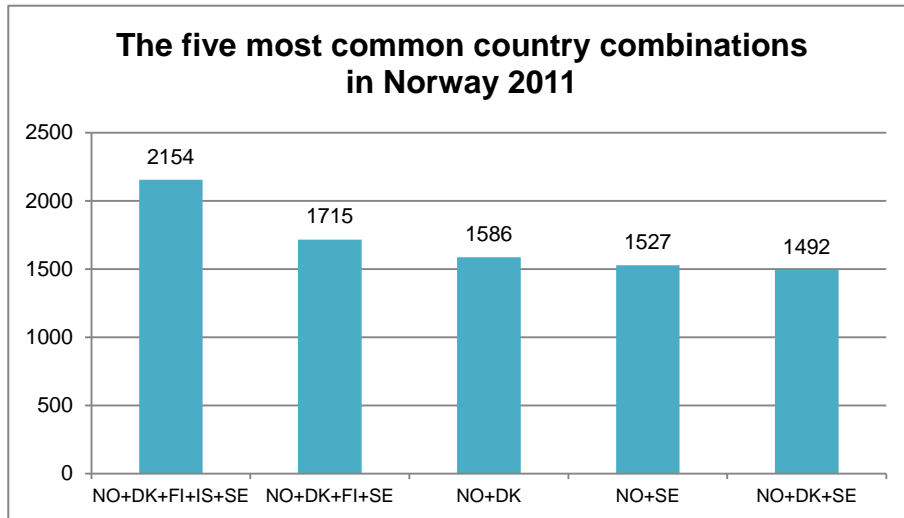
Picture 27.



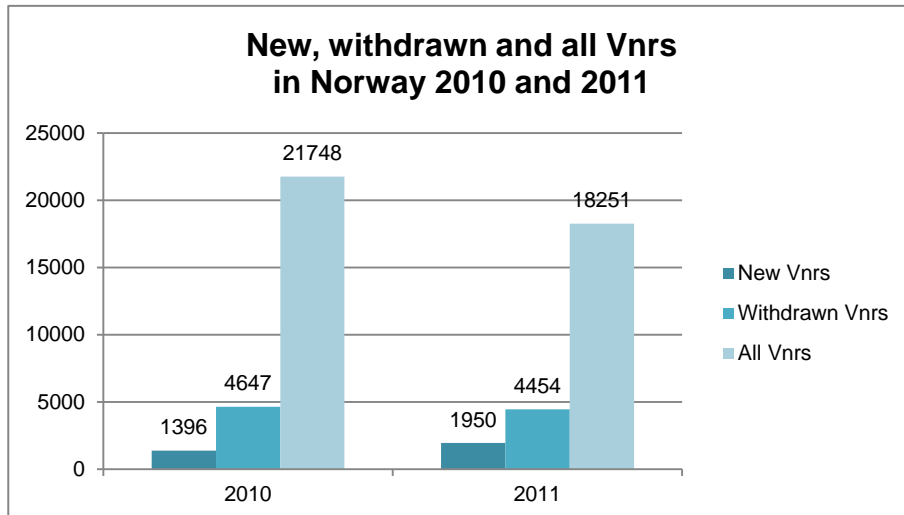
Picture 28.



Picture 29.



Picture 30.



Sweden

In Sweden there were all together 30 809 Vnrs and 4331 parallel imported Vnrs in 2011. More detailed information can be found in the tables and the pictures below.

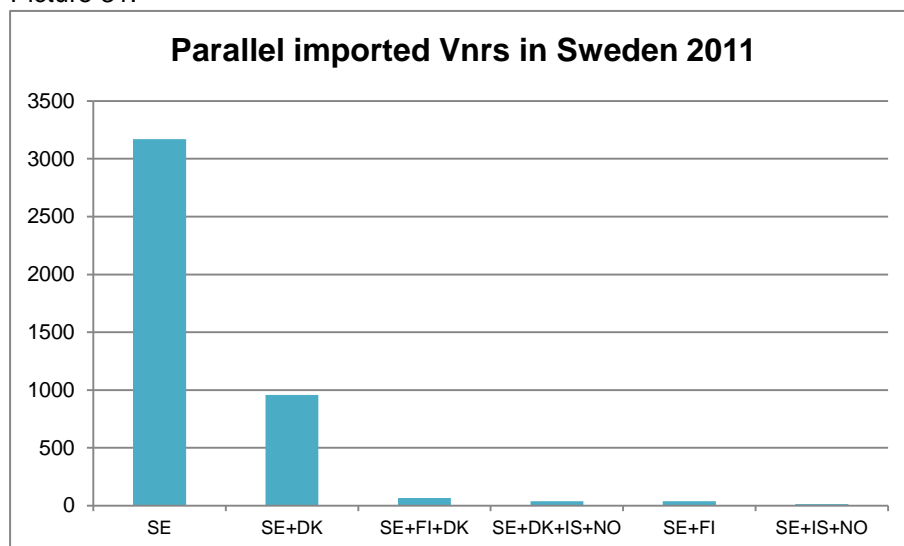
Table 7.

Common and national Vnrs in Sweden 2011	
All	30809
Common	23919 (78 %)
National	6890 (22 %)
Parallel imported	4331 (14 %)

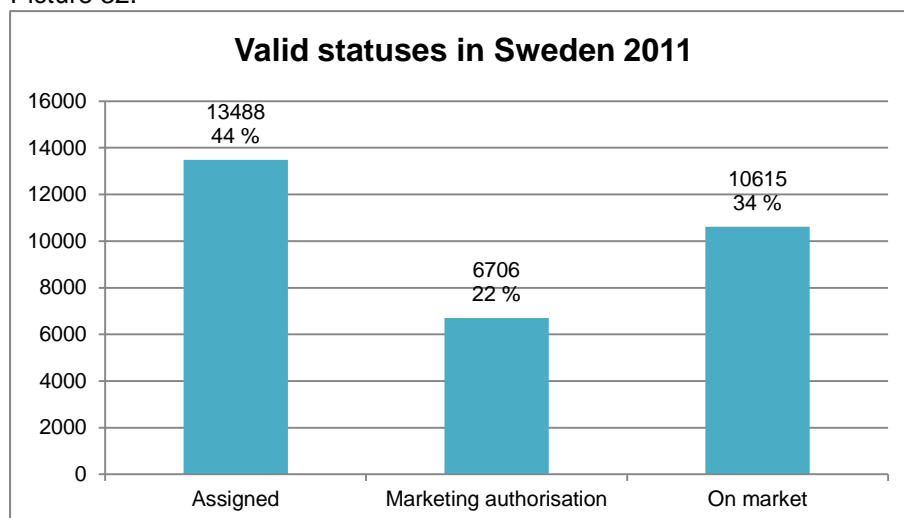
Table 8.

Human and veterinary medicines in Sweden 2011	
Human	29255 (95 %)
Veterinary	1546 (5 %)
Human and veterinary	8 (0 %)

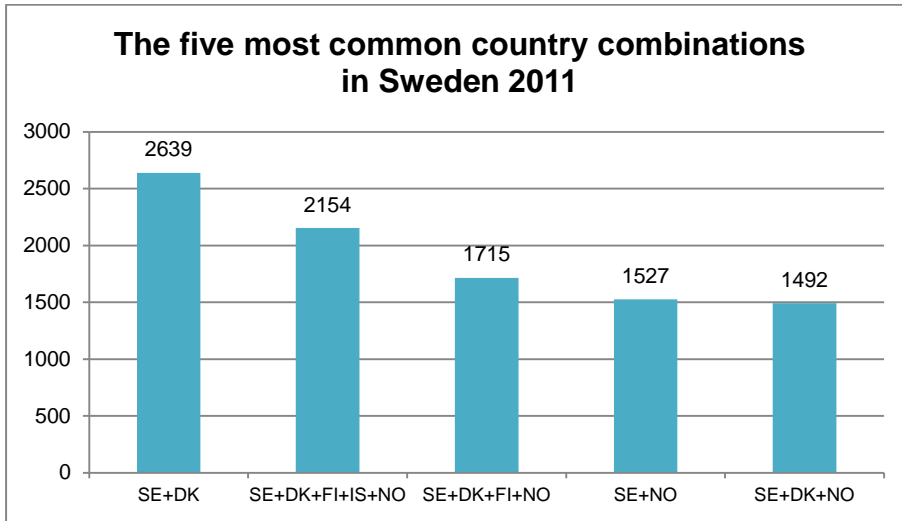
Picture 31.



Picture 32.



Picture 33.



Picture 34.

