

Drugs in the Netherlands - Design Report Week 2

Pim ten Thije, Yoran Tijburg, Celine Triep, Jitse Schol en Charlotte Smoor

April 2018

This week the goal was to sketch different graphs with data from the datasets.

Our datasets are displayed geometrically and in static form. Also, the datasets are in sequential order (Munzner, 2014). To get as much information as possible, different datasets were used, namely, the European Monitoring Centre for Drugs and Drug addiction, Centraal Bureau voor Statistiek and the Global Drug Survey 2017. Each source differentiates in the type of information it contains about drugs. Therefore they can be used to complement each other.

Setup of storyline

While sketching we came to a first rough draft of the video we want to make. The plan is to start off with a map of Europe. Different colours will indicate the volume of drugs used in a country, for example cannabis. It would be interesting to find out how the Netherlands compares with other countries in Europe on their usage volume of drugs.

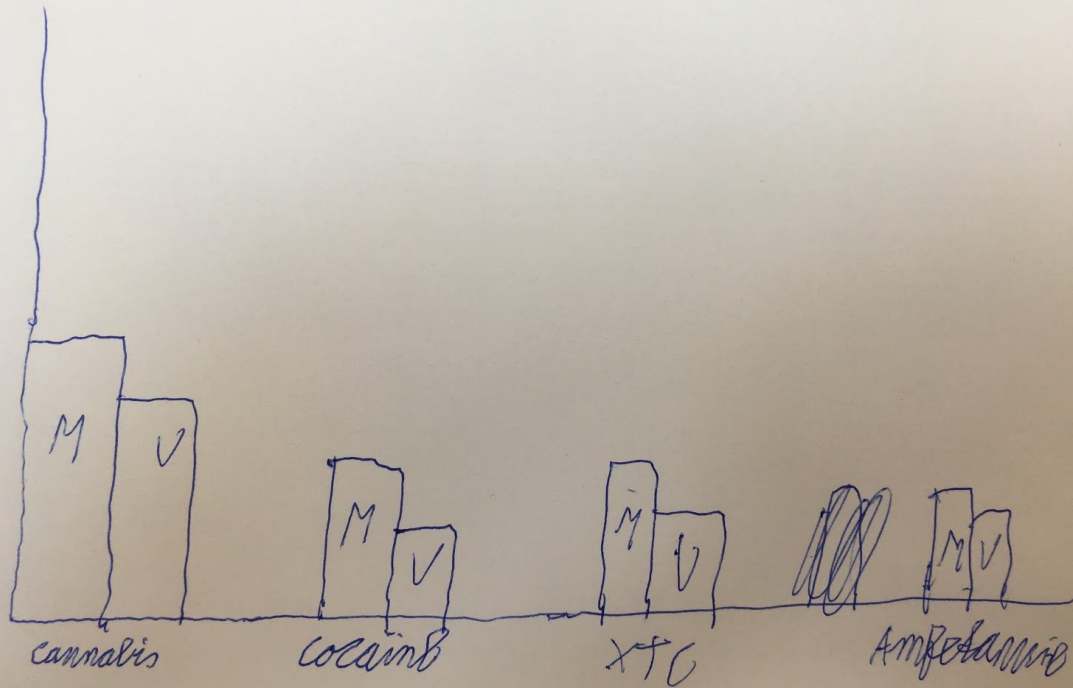
From the world map we will zoom in on The Netherlands, mainly on the different municipalities. We will move more into detail by looking at differences in income groups, gender, age, and country of origin regarding drugs usage. For visualization of these differences, bar charts, donut charts and radar charts can be very useful. We used the DataVizCatalogue.com for inspiration and to diversify in the type of charts we are using.

Furthermore, the datasets and sources provide the same research conducted in different points in time. This can be useful in comparing data over different years and constructing a line graph out of this information. For instance, it would be interesting to research whether drugs use has increased or decreased over time. However, when doing this, one has to account for increase of population of the Netherlands as well.




Sketches

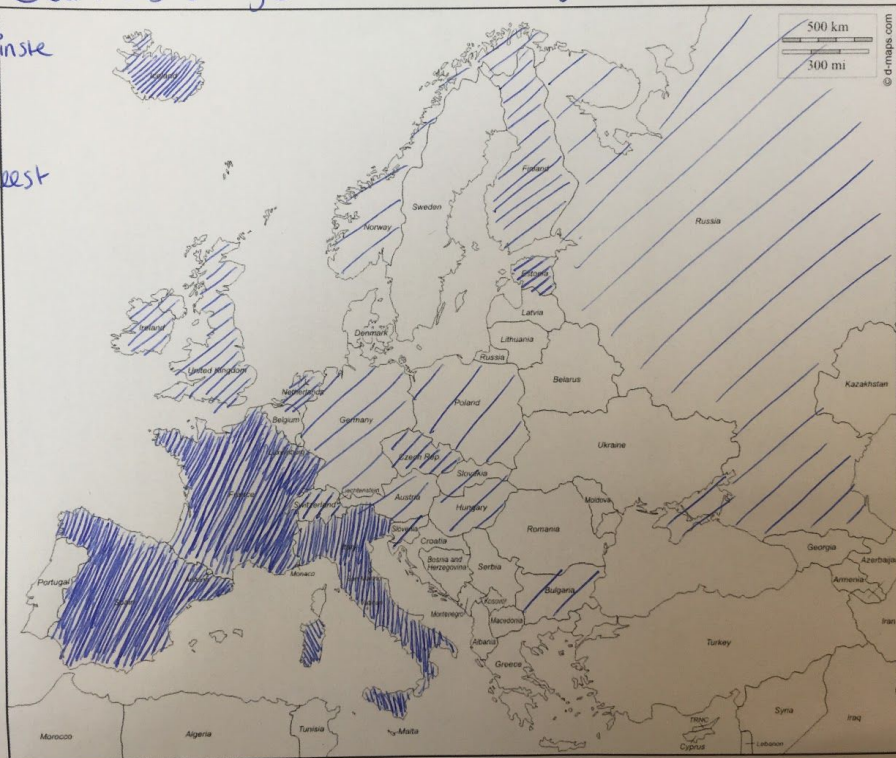
Below are the different sketches we made, based on the datasets we found last week and some additional datasets. Next monday we would like to receive feedback on these sketches and see which ones are the most appealing to our peers. Then we can continue in elaborating on this selection of sketches.

DRUGS GEBRUIK PER SEXE, 2014



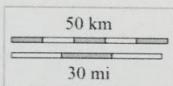
Legenda: Cannabis gebruik Europa, 2017

-  minste
-  medium
-  meest



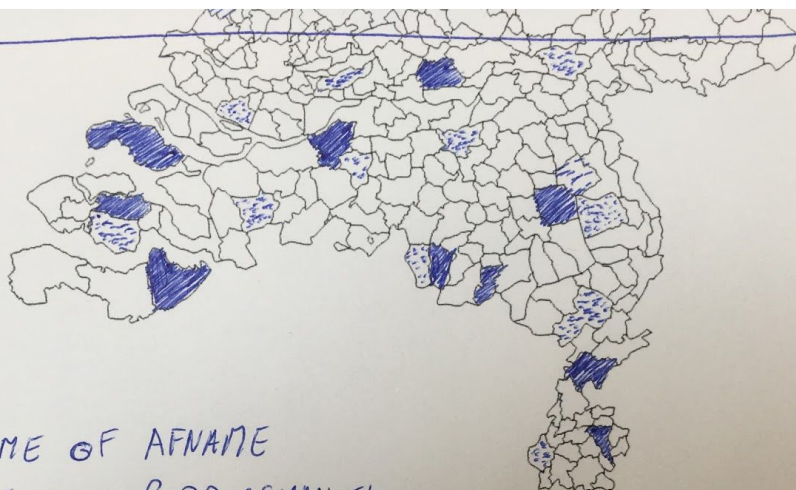
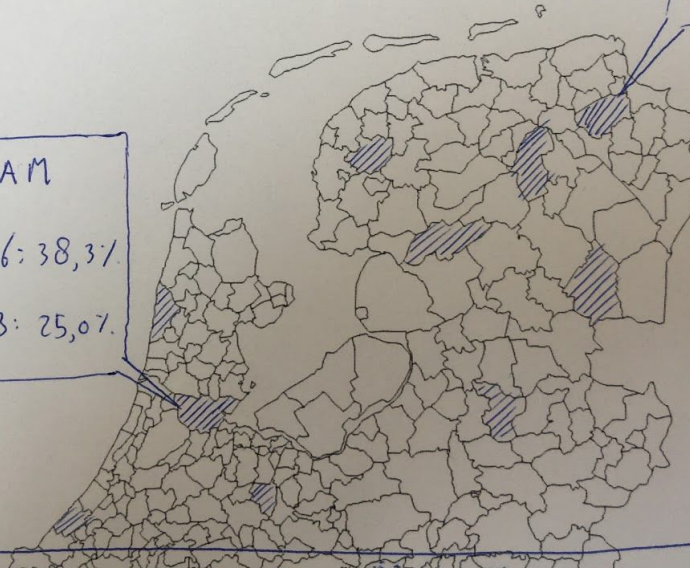
DRUGSgebruik & DRUGShandel in Woonbuurten 2013 vs 2016

© d-maps.com



AMSTERDAM
↑
2016: 38,3%
2013: 25,0%

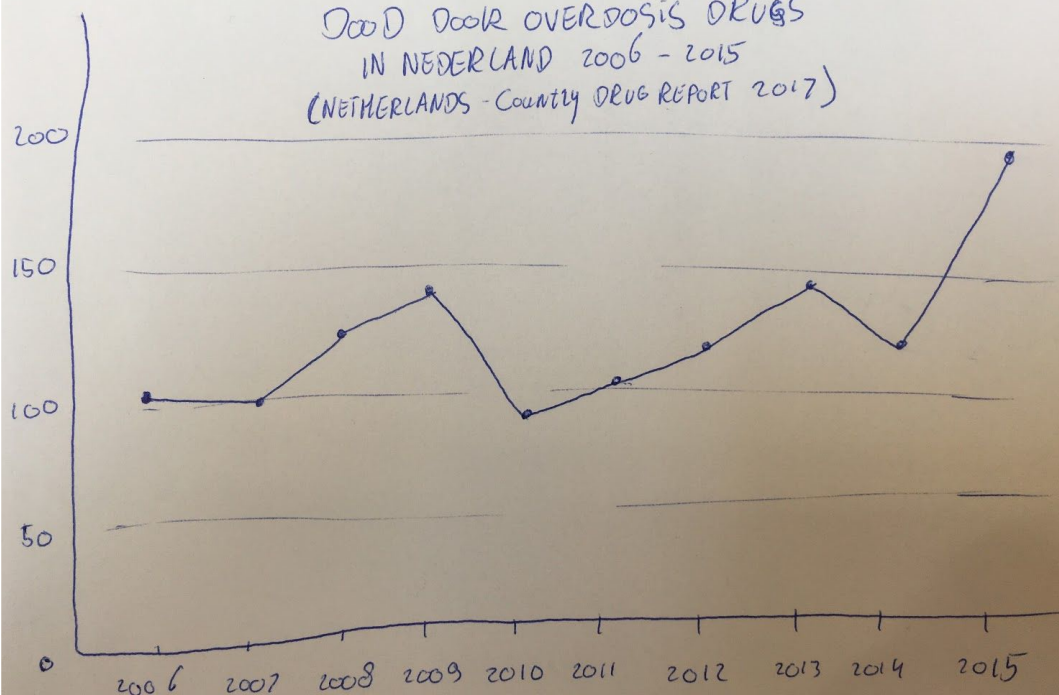
GRONINGEN
↓
2016: 25,0%
2013: 30,0%



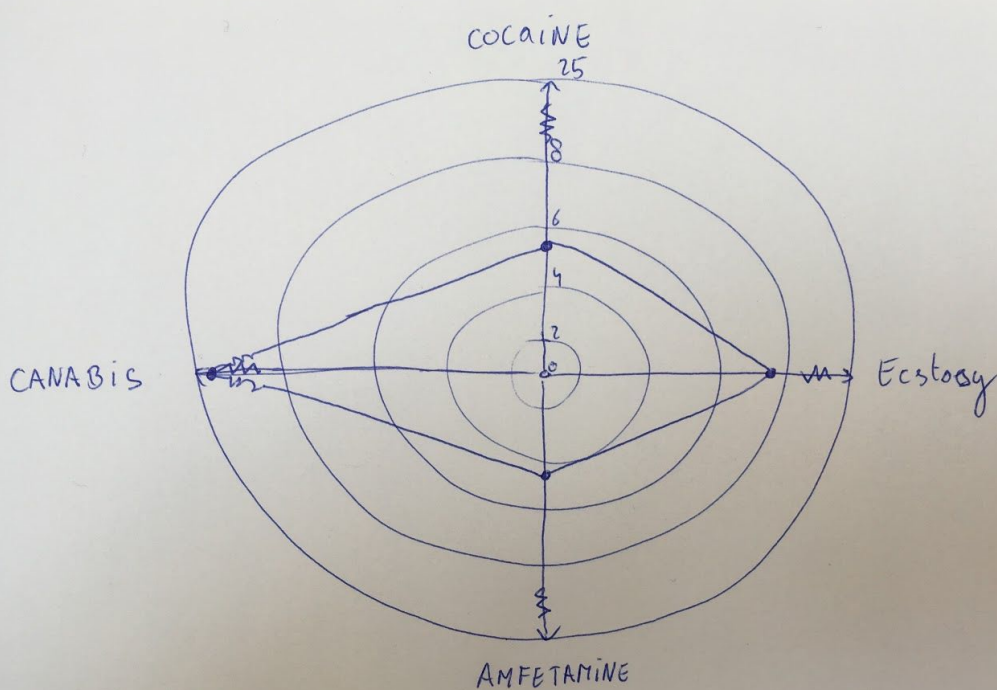
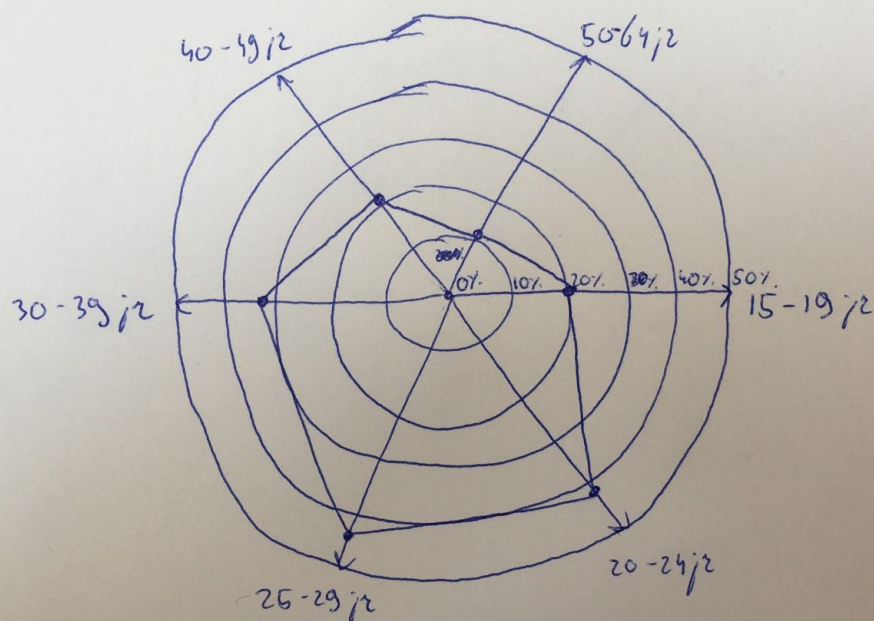
TOENAME OF AFNAME
DRUGSgebruik & DRUGSHANDEL
IN WOONBUURTEN

LEGENDA
● TOENAME
2016 vs 2013
● AFNAME
2016 vs 2013

DOOD DOOR OVERDOSIS DRUGS
IN NEDERLAND 2006 - 2015
(NETHERLANDS - Country DRUG REPORT 2017)



CANNABIS GEBRUIK PER LEEFTIJDGROEP (DRUGS GEBRUIK ONDER BEVOLKING 15 - 64 JAAR, 2014)



RADAR CHART: DRUGS GEBRUIK ONDER BEVOLKING
15-64 JAAR, 2014, TOTALEN