

Approach on user-friendly Statbank Norway

PX-MEETING, JEREVAN, NOVEMBER 2019



Statistisk sentralbyrå
Statistics Norway



Agenda

- The way to a more user friendly PxWeb, following the rules to WCAG 2.0
- Demo of PX-Web desktop and mobile



PxWeb in Statistic Norway

- Internal PX-Web released in June 2017
- External PX-Web was launched 9. January 2018
- **Focus on more user-friendly PxWeb**





WCAG 2.0 - Web Content Accessibility Guidelines

- Make content accessible to a wider range of people with disabilities
- Following these guidelines will also often make your Web content more usable to users in general.



Insightreport of Statbank Norway

- Usertest of 5 users
- Interviews
 - 6 expertuser externally
 - 6 expertuser internally
- Feedback from users through Statbank using Siteimprove
- Webstatistick



Result of the insightreport

- The users don't understand the three-step pages in the Statbank, what is the direction and how to jump forth and back
- Problems to find the tools in Statbank
- The users asked for a short way to definition.



How to make it easier?

- Better interaction-design to make it easier to navigate and utilize useful functionality they don't understand exists
- Easier to find definition
- Clearer distinction between mandatory and optional variables
- Facilitate increased use of stored query



The start of more user-friendly PxWeb

- Change in search
- Change the CSS
 - colour
 - size of text and boxes



07459: Population, by sex and one-year age groups (M) 1986 - 2019

Choose variables

About table

Mark your selections and choose between table on screen and file format. [Marking tips](#)

For variables marked * you need to select at least one value

Contents *

☒ ☐

Total 1 Selected 0

Persons

Search

☒ Beginning of word

Region *

Municipalities 2018-

☒ ☐ ☐ ☐

Total 423 Selected 3

0418 Nord-Odal
0419 Sør-Odal
1252 Modalen
0101 Halden
0104 Moss
0105 Sarpsborg
0106 Fredrikstad
0111 Hvaler

Search

☐ Beginning of word

Sex

☒ ☐

Total 2 Selected 0

Males
Females

Search

☒ Beginning of word

Age

Age 1 year groups

Year *

☒ ☐



Pre-selected values

- First content (often there is only one) will be pre-selected, and one time-period

The image displays two side-by-side screenshots of a web application interface. Both panels have a light green header with a title and an asterisk, a green bar with a checkmark and a minus sign, and a status bar showing 'Total 1 Selected 1'. The left panel is titled 'Contents' and shows a list with 'Persons' selected. The right panel is titled 'Year' and shows a list of years from 2019 to 2012, with '2019' selected. Both panels include a search bar with a magnifying glass icon and a checkbox for 'Beginning of word'.

Contents *
☒ ☐
Total 1 Selected 1
Persons
Search
☒ Beginning of word

Year *
☒ ☐
Total 34 Selected 1
2019
2018
2017
2016
2015
2014
2013
2012
Search
☒ Beginning of word

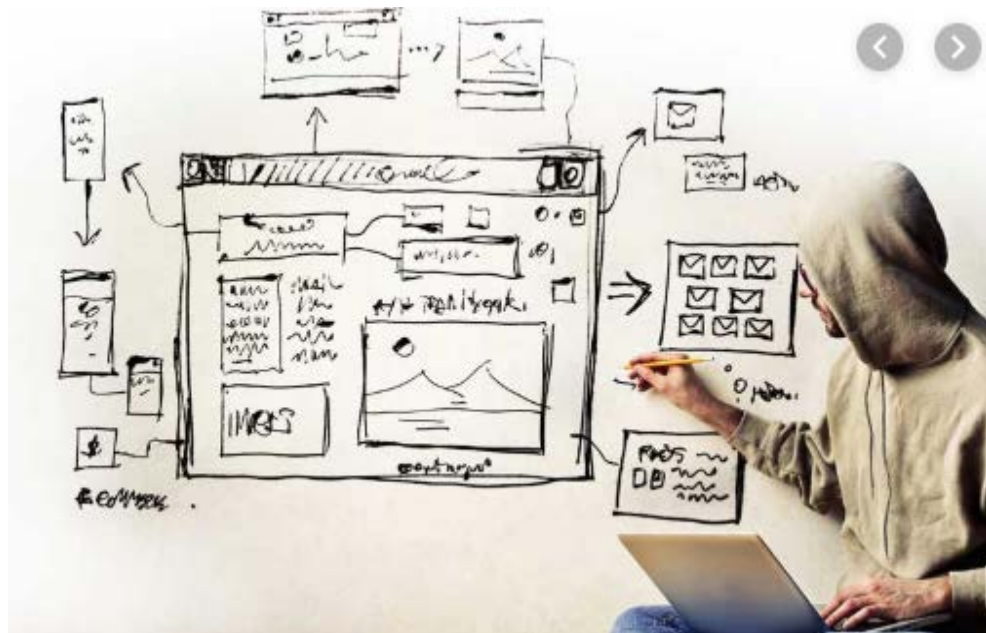


Working-process

- We have user-tested the changes in PxWeb five times the last year
- Feedback through Siteimprove
- Prototype of PxWeb
- Discussing the solution with SCB

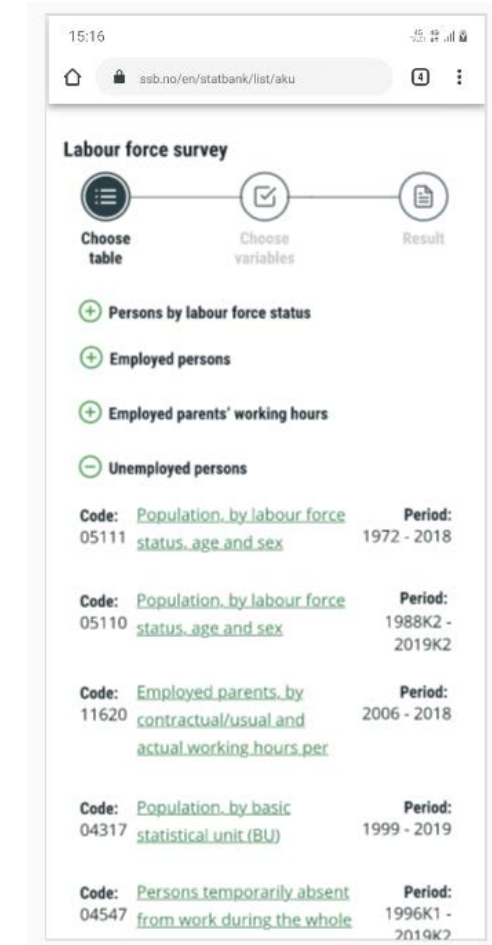


UX-designer for PX-Web follow WCAG 2.0



Prototype of PX-Web on Mobile

- Responsive web-design following WCAG 2.0
- <https://xd.adobe.com/view/83faad39-f402-4c0c-6491-bcd0fb85aa2d-f5cb/>



Prototype of PX-Web on desktop

11620: Employed parents, by contractual/usual and actual working hours per week, number of children and age of youngest child. 4th quarter 2006K4 - 2018K4

Labour force survey, seasonally-adjusted figures

The screenshot displays the 'Choose table' step of the PX-Web prototype. At the top, a progress bar shows three steps: 'Choose table' (active, green), 'Choose variable' (disabled, grey), and 'Result' (disabled, grey). Below the progress bar is a 'List view' button. A section titled 'Information about the table' is visible. The main area contains three panels, each with a 'Choose all' and 'Cancel all' button and a 'Total: 5, Chosen: 0' status.

- Contents** (Mandatory):
 - Employed persons (1 000 persons)
 - Population (per cent)
 - Contractual/usual working hours per week
 - Employed persons at work (1 000 persons)
 - Actual working hours per week
- Quarter (u)** (Mandatory):
 - 2017Q4
 - 2016Q4
 - 2015Q4
 - 2015Q4
 - 2014Q4
 - 2013Q4
 - 2012Q4
 - 2011Q4
 - 2011Q4
- Number of child**:
 - Total
 - 1 child
 - 2 children or more

Follow WCAG 2.0

<https://xd.adobe.com/view/8064f881-05c9-493c-5673-e4a5848b0cdc-f655/>



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Thank you!

