# **Algorithm for tables in PxWeb2**

INTERNATIONAL PX-MEETING, SKOPJE, 7 NOVEMBER 2024

BJARTE MELLEMSTRAND, STATISTICS NORWAY

# Agenda

Why display a ready-made table?

Some examples from our «competitors»

Purpose of algorithm for default table

Algorithm - different table structures

The order of variables in a heading

When the user changes the selections

# Display table with figures when it is opened

## **Benefits**

- Easier for the user to understand when an example table is shown
- Fewer clicks to see figures
- Selection and display take place in the same screen. Easier to see the connection.

## Challenges

- We need to make a selection in advance (manually or automatically)
- Less space when several things need to fit on one screen. Not so good overview of variable values that have not been selected.
- More clicks for those who want to see other figures than the ones we have pre-selected
- An automatically generated default table will not always contain the variables we want to show

## OECD Data Explorer

#### < Back to the search results

Filters		Applied f	filters 💈	Reference area: ×	Australia	× Unit of measure:	×	Persons ×	Sex: ×	Total	× Time period	t × s	Start: 2010 × En	nd: 2022 ×				
✓ Time period	13	312 data po	oints	Clear all filters 🗙														
✓ Reference area	1												$\bigcirc$	, ≓ .	<	<u>+</u>	3	к ж К Ж
✓ Measure		Overview	Table	Спал									Labels	Layout	Snare	Download	Developer API	Full screen
<ul> <li>Unit of measure</li> </ul>	1	Historica Reference a	al popul rea: Australi	ation data a • Measure: Population	n • Time hor	rizon: Historical												
✓ Sex	1	Combined u	nit of meas	ure: Persons														

🗸 Sex

🗸 Age

Time pe	eriod	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Age														
Total		22 031 750	22 340 024	22 733 465	23 128 129	23 475 686	23 815 995	24 190 907	24 594 202	24 966 643	25 340 217	25 655 289	25 688 079	25 978 935
4 years or less		1 454 012	1 458 114	1 494 690	1 524 375	1 541 431	1 552 567	1 573 626	1 574 570	1 563 728	1 554 538	1 535 813	1 509 959	1 509 684
From 5 to 9 years		1 360 182	1 387 634	1 419 391	1 458 636	1 496 800	1 536 262	1 567 281	1 588 064	1 604 857	1 616 624	1 619 875	1 616 774	1 611 451
From 10 to 14 years		1 384 504	1 387 865	1 389 913	1 394 915	1 401 491	1 410 688	1 431 690	1 473 503	1 517 847	1 561 095	1 603 137	1 623 892	1 638 313
From 15 to 19 years		1 460 048	1 453 459	1 460 304	1 466 322	1 470 709	1 469 856	1 475 154	1 481 571	1 488 420	1 495 129	1 486 781	1 479 632	1 532 866
From 15 to 64 years		14 846 377	15 018 500	15 215 618	15 419 825	15 593 816	15 762 174	15 946 059	16 170 405	16 373 286	16 576 593	16 711 153	16 623 675	16 783 698
Less than 20 years		5 658 746	5 687 072	5 764 298	5 844 248	5 910 431	5 969 373	6 047 751	6 117 708	6 174 852	6 227 386	6 245 606	6 230 257	6 292 314
From 20 to 24 years		1 605 054	1 611 663	1 628 778	1 645 662	1 661 633	1 676 279	1 694 074	1 714 366	1 731 763	1 741 981	1 706 163	1 623 384	1 631 532
From 20 to 64 years		13 386 329	13 565 041	13 755 314	13 953 503	14 123 107	14 292 318	14 470 905	14 688 834	14 884 866	15 081 464	15 224 372	15 144 043	15 250 832
From 25 to 29 years		1 627 256	1 658 170	1 698 768	1 732 064	1 756 185	1 786 026	1 814 296	1 845 955	1 870 918	1 894 958	1 887 990	1 822 031	1 817 195
From 30 to 34 years		1 498 197	1 536 161	1 589 894	1 652 555	1 704 549	1 752 291	1 794 085	1 833 325	1 860 577	1 887 742	1 910 713	1 899 620	1 908 449
From 35 to 39 years		1 600 546	1 573 910	1 557 083	1 552 804	1 555 049	1 572 958	1 607 462	1 662 267	1 725 888	1 785 839	1 840 790	1 867 387	1 890 782
From 40 to 44 years		1 537 102	1 587 244	1 634 211	1 659 367	1 663 547	1 655 210	1 626 776	1 604 811	1 595 117	1 599 371	1 621 445	1 654 500	1 702 904
From 45 to 49 years		1 554 804	1 541 837	1 533 749	1 531 499	1 539 898	1 561 830	1 604 930	1 649 998	1 675 846	1 683 649	1 682 976	1 650 035	1 620 920
From 50 to 54 years		1 460 583	1 494 063	1 523 432	1 547 308	1 561 634	1 559 927	1 548 476	1 537 875	1 531 981	1 540 769	1 568 172	1 611 554	1 653 030
50 years or over		6 950 045	7 143 967	7 326 684	7 509 930	7 684 394	7 842 028	8 001 533	8 165 772	8 331 682	8 519 291	8 759 606	8 940 865	9 114 839
From 55 to 59 years		1 308 403	1 335 993	1 363 695	1 389 209	1 417 422	1 445 632	1 475 915	1 507 880	1 533 335	1 553 519	1 566 970	1 550 507	1 533 766
From 60 to 64 years		1 194 384	1 226 000	1 225 704	1 243 035	1 263 190	1 282 165	1 304 891	1 332 357	1 359 441	1 393 636	1 439 153	1 465 025	1 492 254
From 65 to 69 years		908 395	954 260	1 022 037	1 079 676	1 118 120	1 156 379	1 193 073	1 195 119	1 209 828	1 230 577	1 262 567	1 280 143	1 302 369
65 years or over		2 986 675	3 087 911	3 213 853	3 330 378	3 442 148	3 554 304	3 672 251	3 787 660	3 906 925	4 031 367	4 185 311	4 313 779	4 435 789
From 70 to 74 years		704 894	727 671	754 476	779 377	814 286	850 311	890 196	957 490	1 017 163	1 060 915	1 110 579	1 146 773	1 143 942
From 75 to 79 years		549 808	558 341	571 722	588 122	608 660	630 532	651 200	675 976	697 153	728 940	767 379	807 195	874 181
From 80 to 84 years		436 984	444 032	445 093	445 445	446 948	448 137	455 103	468 494	484 461	503 783	526 142	545 408	566 184
85 years or over		386 594	403 607	420 525	437 758	454 134	468 945	482 679	490 581	498 320	507 152	518 644	534 260	549 113

Historical population data 
 OECD
 OECD

1. A. A.				Sign in   <b>Eng</b>	glish E
eurostat Data Bro	owser			Search	٩
ALL DATA RECENTLY UPDATED DOWNLOADS				(i) Info	? He
Population and social conditions > Demography, popula	tion stock and balance 》Population (national level)				Inform
Population on 1 January by age g Online data code: migr_pop1ctz DOI: 10.2908/migr_pop Source of data: Eurostat	Jroup, sex and citizenship	LT		<ul> <li>Dataset information</li> <li>Explanatory texts</li> <li>+ Add to 'My datasets'</li> </ul>	Action Visuali
Selection 🗖 Format 🗕				Ł Download マ (+)	
Now (43/max. 2 500)	Column (10/max. 2 000)			0	
43 values displayed		▼ +	Total	▼ +	
Drag and drop here for breakdown	Drag and drop here for breakdown		Sex [3/3] 🛨 Total	∠ = ▼ +	
Time frequency: Annual Unit of measure: Number			Age class: Total [1/27] 🕀		
Population on 1 January by age group, sex and citiz     Source of data: Eurostat	enship (online data code: migr_poplctz)		Settings: D	Default presentation 💌 🖹	
Table 🗠 Line 💷 Bar 🕈 Map				<b>≂                                    </b>	

tt x	TIME	016 \$	2017 \$	2018 \$	2019 \$	2020 \$	2021 \$	2022 \$	2023 💲
GEO \$									
European Union - 27 countries (from 202	:0)	:	:	:	:	:	447 000 548 (bep)	446 735 291 (bep)	448 753 823 (bep)
Belgium		117	11 351 727	11 398 589	11 455 519	11 522 440	11 554 767	11 617 623	11 742 796
Bulgaria		759	6 849 518	6 757 418	6 664 177	6 569 275	6 532 117	6 482 484	6 447 710
Czechia		843	10 578 820	10 610 055	10 649 800	10 693 939	10 494 836 (b)	10 516 707	10 827 529
Denmark		251	5 748 769	5 781 190	5 806 081	5 822 763	5 840 045	5 873 420	5 932 654
Germany		684	82 521 653	82 792 351	83 019 213	83 166 711	83 155 031	83 237 124	84 358 845
Estonia		944	1 315 635	1 319 133	1 324 820	1 328 976	1 330 068	1 331 796	1 365 884
Ireland		286	4 799 157	4 855 733	4 940 311	5 012 600	5 066 893	5 154 277	5 271 395
Greece		748	10 768 193	10 741 165	10 724 599	10 718 565	10 678 632	10 459 782 (b)	10 413 982
Spain		884	46 497 393	46 645 070	46 918 951	47 318 050	47 400 798	47 486 843	48 085 361
France		391	66 809 816	67 026 224	67 290 471	67 473 651	67 728 568	67 957 053 (p)	68 172 977 (p)
Croatia		115	4 978 769	4 914 341	3 968 676	3 933 511	3 893 826	3 862 395 (b)	3 850 894

*	Statist Canad	tics Stati da Cana	stique ada			Search website		<u>Français</u> Q	
Subjects	Data	Analysis	Reference	Geography	Census 🗸	Surveys and statistical programs 🐱	About StatCan	Canada.ca	
Home >	Data								

## Population estimates on July 1, by age and gender $\frac{1}{2}, \frac{2}{2}, \frac{4}{2}, \frac{5}{2}$

Frequency: Annual					€ <u>Hel</u>
Table: 17-10-0005-01 (f	formerly CANSIM 051-	0001)			Save my customizations
Release date: 2024-09-	-25				
<i>Geography:</i> Canada, Pr	ovince or territory				
	office of certifoly				
<ul> <li>Customize table</li> </ul>					
Geography :	Gender :	Re	eference period		
Canada	* Total - gender	_ Fr	om: 2020 🗸 To: 2024	~	
Apply					
уфру					
			ø F	Add/Remove data 🚯	▲ Download options
Showing 23 records		Filter Reset			
Geography			Canada (man)		
Gender			Total - gender		
Age group <sup>3</sup> , 6	2020	2021	2022	2023	2024
			Persons		
All ages	38,028,638	38,239,864	38,935,934	40,083,484	41,288,59
0 to 4 years	1,937,161	1,902,883	1,887,248	1,875,082	1,873,53
5 to 9 years	2,067,384	2,072,565	2,090,493	2,122,814	2,155,84
10 to 14 years	2,092,804	2,114,016	2,146,468	2,189,202	2,235,13
15 to 19 years	2,082,685	2,059,975	2,140,824	2,231,112	2,315,43
20 to 24 years	2,473,470	2,404,398	2,462,109	2,595,967	2,744,22
25 to 29 years	2,679,330	2,674,655	2,742,141	2,909,435	3,042,3
30 to 34 years	2,660,337	2,704,004	2,803,053	2,989,564	3,152,0
35 to 39 years	2,618,643	2,643,161	2,698,406	2,812,771	2,955,0
40 to 44 years	2,459,921	2,505,252	2,569,219	2,677,455	2,800,44
45 to 49 years	2,392,795	2,381,758	2,402,956	2,459,005	2,541,39
50 to 54 years	2,441,944	2,427,770	2,424,833	2,431,356	2,446,5
55 to 59 years	2,747,541	2,690,509	2,624,347	2,550,230	2,493,7
60 to 64 years	2,565,102	2,612,928	2,645,404	2,681,764	2,712,7
65 to 69 years	2,161,130	2,226,492	2,304,426	2,380,006	2,442,5
70 to 74 years	1,784,158	1,845,779	1,870,449	1,911,210	1,972,7
75 to 79 years	1,213,690	1,272,339	1,372,948	1,457,724	1,532,7
80 to 84 years	810,325	841,433	875,543	916,600	960,1
85 to 89 years	514,268	521,396	527,699	538,758	554,4
90 to 94 years	246,060	255,977	261,696	265,330	267,19
95 to 99 years	69,996	71,970	74,587	76,606	78,5!

<u>GENESIS</u> -ONLINE	
Result 12612-0003	
search in database	

Start  $\rightarrow$  Themes / statistics  $\rightarrow$  Statistics (tables)  $\rightarrow$  Table structure  $\rightarrow$  **Result** 

## Table

DIAGRAM





#### Live births: Germany, years, citizenship

Birth statistics Germany Live births (number)												
Citizenship of the mother	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Germany	962,960	1,004,921	1,007,044	1,037,978	1,043,789	1,016,311	1,014,908	981,804	933,872	860,788	754,135	71
Belgium	97	122	93	136	131	145	147	162	165	196	173	
France	363	417	432	437	548	507	600	647	618	639	811	
Serbia (incl. Kosovo) (2006-06-03 to 2008-02-16)										.=		
Greece	184	678	1,623	3,195	5,257	7,511	9,418	9,942	7,756	8,012	9 <mark>,</mark> 949	:
Italy	701	1,450	2,434	3,494	4,549	6,017	7,834	7,903	8,055	9,209	10,358	:
Montenegro (since 2006-06-03)			.=							.=		
Luxembourg	26	23	21	27	23	32	32	38	35	37	33	
Netherlands	748	722	722	895	1,048	1,169	1,350	1,330	1,318	1,342	1,478	
Austria	729	919	1,050	1,157	1,270	1,313	1,437	1,482	1,516	1,454	1,593	
Poland	218	158	123	114	110	76	88	74	93	47	79	
Portugal	9	24	24	39	82	113	241	546	638	829	1,078	
Switzerland	240	311	308	314	364	378	387	373	385	326	326	
Spain	171	786	2,070	3,223	4,171	5,175	5,943	5,303	4,458	4,401	4,744	
Turkey	51	85	235	421	771	1,872	3,366	4,580	5,397	8,550	13,353	
Hundary	172	152	120	11/	106	06	119	02	86	100	105	



Х

## Population; sex, age, generation and migration background, 1 Jan; 1996-2022



Changed on: 31 May 2022

Variables can be dragged to the header, rows or columns of the table. In the header only one item of a variable can be selected.



#### Topic **T** Generation **T**

	Population				
Migration background	Total	Dutch background	With migration background	1st generation migration background	2nd generation migration background
	number				
Total	17,590,672	13,151,772	4,438,900	2,412,344	2,026,556
Dutch background	13,151,772	13,151,772			
With migration background	4,438,900		4,438,900	2,412,344	2,026,556
Africa	749,780		749,780	372,120	377,660
America	751,689		751,689	403,127	348,562
Asia	1,023,304		1,023,304	573,733	449,571
Europe (excluding Dutch background)	1,889,704		1,889,704	1,054,016	835,688
Oceania	24,423		24,423	9,348	15,075
European Union (excl. Dutch background)	1,164,767		1,164,767	663,761	501,006
Caribbean Netherlands	6,216		6,216	3,431	2,785
Indonesia	349,301		349,301	91,556	257,745
Μοτοςςο	419,272		419,272	173,279	245,993
Surinam	359,814		359,814	176,127	183,687
Turkey	429,978		429,978	204,249	225,729

# **Purpose of algorithm for default table**

- The displayed table should be useful and "democratic"
- The table should be easy to understand, not too complex
- The algorithm selects two dimensions and displays them as columns and rows
- Preferably the two most characteristic dimensions, so that the default table is as unique as possible
- Dimensions:
  - Contents variable
  - Classification variable
  - $\circ$  Time
- Other mandatory variables are represented by the first value
- Some limitations to ensure performance from the API

# **Algorithm for all tables?**

- When necessary, it will be able to create a customized default table (saved query)
- Especially useful in SQL database, where no stub and heading is defined
- Also useful for px-files
- Included in PxWebApi 2.0

# A. Table with only two dimensions (contents and time)

- Display all contents and the latest time units
- **A1.** Fewer than 6 contents: contents are displayed in the heading (columns), 13 time units in the stub (rows)
- **A2.** 6 or more contents: contents are displayed in the stub (rows), 13 latest time units in the heading (columns)

## A1: example

Heading: Contents (3 values)

Stub: Time (13 values)

	in the second s	
	மி Display	
alues)	↑ <sub>↓</sub> Edit	
ŗ	E) Save	
es)	⑦ Help	

PxWeb 2.0 test

Filter	Hide	
	Thuc	PxWeb 2.0 > Harmonized Index
Observations	^	
3 of 3 selected Mandatory		Harmonized Ind
Deselect all		month and obse
UICD Index 2015 100		
HICP, Index, 2015=100		(i) Information Last upd
HICP, monthly changes, 2015=	100	
HICP, annual changes, 2015=1	00	
		2023M09
		2023M10
		2023M11
		2023M12
		2024M01
Month	~	2024M02
13 of 345 selected Mandatory		2024M03
		2024M04
		2024M05
		2024M06
		2024M07
		2024M08
		2024M09

XWeb 2.0 > Harmonized Index of Consumer Prices (HICP), 2015=100 by observations and month

## armonized Index of Consumer Prices (HICP), 2015=100 by onth and observations

Information ) Last updated: 10/15/2024, 8:00 AM

	HICP, Index, 2015=100	HICP, monthly changes, 2015=100	HICP, annual changes, 2015=100
2023M09	127.19	0.4	3.7
2023M10	127.29	0.1	4
2023M11	127.52	0.2	3.3
2023M12	128.38	0.7	1.9
2024M01	128.05	-0.3	3.4
2024M02	128.31	0.2	2.6
2024M03	128.48	0.1	2.3
2024M04	128.82	0.3	2.4
2024M05	129.02	0.2	2.5
2024M06	128.92	-0.1	1.4
2024M07	129.11	0.1	1.7
2024M08	128.35	-0.6	1.3
2024M09	128.76	0.3	1.2

## A2: example

## PxWeb 2.0 [Sprint 14 Skopje (SSB)]

\_⊒ ≑ Filter

ոՈղ

Display

↑↓

Edit

B

Save

⑦ Help

Heading: Time (13 values)

Stub: Contents (42 values)

Contents 42 of 42 selected M								
42 of 42 selected M		^						
	andatory							
Q Search in list		-						
Deselect all								
Consumption in h	ouseholds etc							
General governme consumption	General government consumption							
Gross fixed invest	ment							
Extraction and tran pipelines	nsport via							
Gross fixed invest Norway	ment mainlan	t T						
Year		~						
13 of 36 selected M	andatory							

PxWeb 2.0 > 12880: Main economic indicators. Accounts and forecasts, by contents and year

## 12880: Main economic indicators. Accounts and forecasts, by contents and year

(i) Information ) Last updated: 3/10/2023, 8:00 AM

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Consumption in households etc	2.1	2.7	1.1	2.2	1.4	1	-6.2	4.4	6.8	1.2	1.5	2.2	3
General government consumption	2.7	2.4	2.3	1.9	0.6	1.1	-0.5	5	0.1	1.2	1.7	1.7	2
Gross fixed investment	-0.3	-4	3.9	2.6	2.2	9.5	-4.1	-0.8	4.4	1.8	1.9	0.6	-1.1
Extraction and transport via pipelines	-1.8	-12.2	-16	-5.4	0.7	14.3	-3.3	-2.1	-5.5	5	6	3	-1.5
Gross fixed investment mainland Norway	0.4	-0.2	9	6.8	1.5	6.3	-3.1	1.7	6.6	0.2	0.6	0.1	-1
Industries	-0.7	-2.8	12.6	9.2	3.1	10.3	-5.3	5	14.5	1.4	-1.7	-3.3	-4.6
Housing	-1.4	3.2	6.6	7.3	-6.5	-1.1	-1.6	3	-1.4	-3.2	1.2	3.3	2.5
General government	4.5	0.2	6.4	2.6	8.1	7.5	-1.1	-4.5	0.9	1.1	4.3	3.3	2.2
Demand from Mainland Norway	1.9	2	3.1	3.1	1.2	2.3	-3.9	4	4.8	0.9	1.4	1.6	1.8
Exports	3.8	3.9	0.4	1.6	-1.5	2.1	-2.3	5.8	5.9	4.8	2.3	1.8	1.2

# **B. Table with three dimensions (contents, time and one classification)**

- **B1.** Only one content: content and 13 latest time units in the heading, classification variable in the stub
- B2. More than one contents: latest time unit in the heading.
   Contents and classification variable displayed as a matrix, the one with the most values in the stub

## **B1: example**

## Heading: Content (1) + Time (13)

Stub: Classification variable (3)



PxWeb 2.0 > Suspicion of criminal offence by type of crime suspicion, observations and year

## Suspicion of criminal offence by type of crime suspicion, observations and year



nation Last updated: 5/23/2024, 8:00 AM

		Suspicion of criminal offence												
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
Sentence	36	36	21	50	31	39	23	37	43	33	58	27	36	
Discharge from prosecution	0	1	0	0	1	0	0	0	0	0	0	0	0	
Prosecution	31	29	32	8	17	8	13	19	13	14	16	15	13	
Corporate fine	5	23	21	14	17	22	17	11	22	35	33	31	40	



On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. <u>Read more about the project on Github</u>.

## **B2: example**

Heading: Time (1) + Content (4)

Stub: Classification variable (19)

#### **₽** Filter Filter Nature type ոՈղ Display 19 of 19 selected Mandatory ↑↓ Q Search in list Edit Deselect all B Pine forest Save Spruce forest ? Mixed coniferous forest Help Mixed forest Deciduous forest Hardwood deciduous forest Deciduous forest with hardwood

Observations 4 of 4 selected Mandatory < Hide

 $\sim$ 

 $\sim$ 

 $\sim$ 

Year 1 of 7 selected Mandatory PxWeb 2.0 > Protected nature by type of nature by Nature type, observations and year

## Protected nature by type of nature by Nature type, year and observations

(i) Information Last updated: 5/23/2024, 8:00 AM

		:	2023	
	Areas within nature reserves, in hectare	Areas within national parks, in hectare	Areas within nature reserves and national parks, in hectare	Protected forest land within nature reserves and national parks, in hectare
Pine forest	430,800	27,600	458,400	422,000
Spruce forest	543,600	17,200	560,900	546,000
Mixed coniferous forest	135,200	9,100	144,200	131,100
Mixed forest	240,500	9,000	249,500	235,600
Deciduous forest	470,100	31,700	501,800	491,000
Hardwood deciduous forest	28,100	1,400	29,500	24,100
Deciduous forest with hardwood deciduous forest	7,000	100	7,100	4,900
Temporarily non-forest	31,900	600	32,500	23,400
Total of non-productive forest	867,300	49,300	916,700	904,600
Total of productive forest	1,019,700	47,300	1,067,100	973,500
Mountain low forest	474,200	31,400	505,600	0
Open wetlands	685,500	36,500	722,100	0

### PxWeb 2.0 test

## **B2: example**

### PxWeb 2.0 test

Filter

யி

Display

↑↓

Edit

B

Save

⑦ Help

More contents

Heading: Time (1) + Classification variable (3)

Stub: Contents (12)



Observations

Year

12 of 12 selected Mandatory

1 of 4 selected Mandatory

 $\sim$ 

 $\sim$ 

PxWeb 2.0 > Gross and net social cash benefits by function, observations and year

## Gross and net social cash benefits by observations, year and function

(i) Information ) Last updated: 3/26/2024, 8:00 AM

		2022	
	Gross benefit	Income tax	Net benefit
Sickness / Health care	92,341	21,839	70,502
Disability	42,865	7,071	35,794
Old Age	578,027	120,580	457,447
Survivors	11,058	1,932	9,126
Family / Children	69,689	7,860	61,829
Unemployment	33,573	8,037	25,535
Housing	0	0	0
Social exclusion nec	11,322	0	11,322
Social protection cash benefits	838,875	167,320	671,555
Social protection benefits in kind	729,655	0	729,655
Social protection benefits	1,568,530	167,320	1,401,210
Gross and net Social protection benefits as a percent of GDP	26.3	2.8	23.5

# C. Table with more than three dimensions (contents, time and at least two classifications)

- The first content and latest time unit are shown in the heading
- Any mandatory classification variables are prioritized
- **C1.** No mandatory classification variables: Display the first and last classification variables as a matrix, the one with the most values in the stub.
- **C2.** One mandatory classification variable: Display this and the last classification variable as a matrix, the one with the most values in the stub.
- **C3.** Two mandatory classification variables: Display the mandatory classification variables as matrix, the one with the most values in the stub.
- **C4.** Three or more mandatory classification variables: Display the first and last mandatory classification variables as a matrix, the one with the most values in the stub. For other mandatory classification variables, the first value is placed in the heading.



PxWeb 2.0 > Employed aged 15-74 (LFS) by sex, age, labour status, observations and year

## Employed aged 15-74 (LFS), 1000s by labour status, observations, year and sex

(i) Information Last updated: 4/24/2024, 8:00 AM

	1000s							
	2023							
	Men	Women	Total					
Employed	2,772.4	2,497.6	5,270.1					
Employed at work	2,414.1	2,061.5	4,475.6					
Employed absent from work the whole week	358.3	436.2	794.4					



Statistisk sentralbyrå Statistics Norway

On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. Read more about the project on Github.

**Contact** Project leader: Kristin Glomsås, <u>krg@ssb.no</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@scb.se</u>

Copyright © 2024 Statistics Sweden and Statistics Norway

#### PxWeb 2.0 [Sprint 14 Skopje (SSB)]



life

949

127

328

248

48

198

- J





PxWeb 2.0 > Employed people aged 16-65 by disability, occupation (SSYK 2012), sex, study domain, observations and year

Number of employed people aged 16-65 in thousands by disability, observations, year, sex and study domain

(i) Information ) Last updated: 5/3/2024, 8:00 AM

	Number of employed people in thousands									
	2023									
	Men									
	16-29 years	30-49 years	50-65 years	16-65 years						
People with disability	44	69	62	174						
People with disability with reduced ability to work	20	43	38	101						
People with disability without reduced ability to work	23	26	23	73						
Rest of the population	490	1,228	801	2,520						
Total population	534	1,297	863	2,694						

Statistisk sentralbyrå Statistics Norway

On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. Read more about the project on Github.

Contact Project leader: Kristin Glomsås, <u>krg@ssb.no</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@scb.se</u>

Copyright © 2024 Statistics Sweden and Statistics Norway

# **D. Groupings and subtables**

If a variable should be displayed according to the points mentioned above and

**D1.** If the variable has a preferred grouping, this grouping is displayed

**D2.** If the variable has a preferred subtable (and no preferred grouping), this subtable is displayed

**D3.** If the variable has only one valueset, and several groupings, but no preferred grouping, the entire valueset is displayed.

**D4.** If the variable has several subtables, and no preferred subtable or groupings, the first subtable is displayed

#### PxWeb 2.0 test

## D3: example

One valueset, several groupings: Display alle values



PxWeb 2.0 > Rent in rented dwelling by districts, rental data, observations and year

## Median rent in rented dwelling by districts, observations, year and rental data

(i) Information ) Last updated: 10/4/2024, 8:00 AM

	Median rent in r	rented dwelling
	20	24
	Annual rent per square metre	New rent per square metre
Kungsholmen	1,818	154
Norrmalm	0	0
Östermalm	0	0
Norra innerstaden	1,737	146
Södermalm	1,838	155
Enskede-Årsta-Vantör	1,569	131
Farsta	1,422	120
Hägersten-Liljeholmen	0	0
Älvsjö	0	0
Hägersten-Älvsjö	1,770	147
Skarpnäck	1,492	124
Skärholmen	1,280	108
Bromma	1,731	145
Hässelby-Vällingby	1,460	122
Rinkeby-Kista	0	0
Spånga-Tensta	0	0
Järva	1,298	108
TOTAL STOCKHOLM	1,619	136
Angered	1,055	89
*		

Svenska

## D4: example

Several valuesets (subtables): Display first valueset



# E. Large tables

- To avoid the default table becoming difficult to retrieve, there should be a maximum number for rows and columns
- Limit is currently set to 1500 rows and 11 columns
- These values are marked in the selection box and shown in the table.

#### PxWeb 2.0 test

≣ Filter

ملام Display  $\uparrow_{\downarrow}$ Edit ä Save

⑦ Help

Only 11 rows displayed

er       < Hide													
ion           of 31 selected       Mandatory         ist grouping           incipalities           Secret in list           015 Vollentuna          () Information           Lest updated: 2/22/2024, 8:00 AM          115 Vollentuna          (1) Uplands Vissby           (1) Uplands Vissby           (2) Usimdo          012 Vismido           (1) Uplands Vissby           (2) Uindo           (2) Uindo           (2) Uindo          012 Vismido           (1) Osterièker           (4) Osterièke           (4) Osterièke           (2) Osterièke	Filter	< Hide	PxWeb 2.0 > Population by r	region, region	of birth, sex, obs	servations a	nd vear						
selected       Mandatory         ping          ping          hi lat          t all          ockholm county       Last updated: 2/22/2024, 8:00 AM         Upplands Väsby          Vallentuna          Österäker          Vallentuna       35,076         Österäker       49,282         Vallentuna       35,076         Jaffälla       86,333       966         Österäker       49,282       2.00       0       0       22       0       39         Jaffälla       86,333       966       359       51       20       95       74       39         Ekerö       20,800       111       29       0       0       13       10       19         Huddinge       17,451       85       42		^											
Population by region, observations, year and region of bith         inite       Image: Second Secon	1 selected Mandat	ory	Population by	rogion	obconv	ations	Nool	and	rogion	of hirt	h		
Arch in list         Image: Stockholm county         Image: Stockholm county         Image: Stockholm county         All birth countries         Afghanistan         Allgaria         Angola         Argentina         Australia           14 Upplands Väsby         15 Vallentuna         Upplandis Väsby         50,110         449         179         31         0         2.8         6.6         1.2           17 Österäker         20 Värmdö         35,076         118         18         1.2         0         1.4         0         2.5           20 Värmdö         35,076         118         18         1.2         0         1.4         0         2.5           32 Jafrälla         46,637         2.09         2.8         0         0         2.2         0         3.9           32 Jafrälla         86,330         956         3.59         5.51         2.0         9.5         7.4         3.9           Botkyrka         95,592         1.055         3.72         5.3         1.7         7.7         1.38         3.1           Botkyrka         95,592         1.055         3.72         5.3         1.7         7.77         1.38         3.5           Botkyrka         95,592         1.014	rouping palities	~	() Information Last updated: 2/22/2024, 8:00 AM										
Select all         D1 Stockholm county         OI1 Stockholm county         D114 Upplands Väsby         OI14 Upplands Väsby       Ollmit       Alghanistan       Algeria       Angola       Argentina       Armenia       Australia         0115 Vallemuna       Upplands Väsby       50,110       4499       179       31       00       28       36       12         0117 Österåker       Vallentuna       35,076       1118       18       12       00       114       00       225         0120 Värmdö       Österåker       49,282       210       30       00       00       22       00       38         0123 Jarfalla       Värmdö       46,637       2209       28       00       00       22       00       39         1315 Ekerö       Zäfälla       86,330       956       359       651       220       959       74       39         1415 Selected       Mandatory       Iärfälla       86,330       9559       1,016       359       631       15       636       39       161       13       01       101       101       101       101       101       101       101 <t< td=""><td>Q Search in list</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Q Search in list	-											
01 Stockholm county       0114 Upplands Väsby       0.114 Upplands Väsby       1.011 method       1.011	Select all		Population										
Olii 4 Upplands VäsbyAll birth countriesAll birth countriesAlbaniaAlbaniaAlgeriaAngolaArgentiaArmeniaAustralia0115 VallentunaUpplands Väsby50,11044991793102.83.61.20117 ÖsteräkerVallentuna35,07611181181201.1402.50120 VärmdöÖsteräker49,2822.103.0000.210.03.80123 JärfällaVärmdö46,6372.092.80.00.02.220.03.91025 EkeröJärfälla86,3309563595.12.09.57.43.9Järfälla86,33095.591.0163598.11.58.59.49.2Järfälla86,33095.5921.0163598.11.58.59.49.2Järfälla95,5921.0553.725.31.77.771.383.1Huddinge113,9201.0163598.11.58.53.33.53 selectedMandatory1.0153.725.31.77.771.383.11 selectedMandatory1.21,073.24.00.00.00.00.00.01 selectedMandatory1.21,073.24.00.00.00.00.00.00.00.01 selectedMandatory1.21,073.20.00.0<	01 Stockholm county								2023				
0115 Vallentuna       Upplands Väsby       50,110       499       179       31       0       28       36       12         Vallentuna       35,076       118       18       12       0       14       0       25         0120 Värmdö       Österäker       49,282       210       30       0       0       21       0       38         0123 Järfälla       *       *       46,637       209       28       0       0       22       0       39         Järfälla       86,330       956       359       51       20       95       74       39         Ekerö       28,808       111       29       0       0       13       0       19         Huddinge       113,920       1,016       359       81       15       85       94       92         Botkyrka       95,592       1,055       372       53       17       77       138       31         selected       Mandatory       Haninge       99,751       1,014       290       99       22       65       83       35         Tyresö       49,173       244       57       226       0       30	0114 Upplands Väsby			All birth countries	Afghanistan	Albania	Algeria	Angola	Argentina	Armenia	Australia		
0117 Österåker       Vallentuna       35,076       118       18       12       0       14       0       25         0120 Värmdö       Österåker       49,282       210       30       0       0       21       0       38         0123 Järfälla       Värmdö       46,637       209       28       0       0       22       0       39         Järfälla       86,330       956       359       51       20       95       74       39         Liss Ekerö       28,808       111       29       0       0       13       0       19         Huddinge       113,920       1,016       359       81       15       85       94       92         Botkyrka       95,592       1,055       372       53       17       77       138       31         Salem       17,451       85       42       0       0       13       21       10         Haninge       99,751       1,014       290       99       22       65       83       35         3 selected       Mandatory       12,107       32       0       0       0       0       0       0       0	<ul> <li>0115 Vallentuna</li> </ul>		Upplands Väsby	50,110	499	179	31	0	28	36	12		
0120 Värmdö       0       0       0       21       0       38         0123 Järfälla       Värmdö       46,637       209       28       0       0       22       0       39         Järfälla       86,330       956       359       51       20       95       74       39         ion of birth       ~        13,920       1,016       359       81       15       85       94       92         f 185 selected       Mandatory       Botkyrka       95,592       1,055       372       53       17       77       138       31         Salem       17,451       85       42       0       0       13       21       10         Haninge       99,751       1,014       290       99       22       65       83       35         Tyresö       49,173       244       57       26       0       30       21       12         Nykvarn       12,107       32       0       0       0       0       0       0       0         Tyresö       49,173       282       91       28       0       36       22       59         Danderyd	0117 Österåker		Vallentuna	35,076	118	18	12	0	14	0	25		
0123 Järfälla       Värmdö       46,637       209       28       0       0       22       0       39         Järfälla       86,330       956       359       51       20       95       74       39         ion of birth       ~       Fleerö       28,808       111       29       0       0       13       0       19         Huddinge       113,920       1,016       359       81       15       85       94       92         Botkyrka       95,592       1,055       372       53       17       77       138       31         Salern       17,451       85       42       0       0       13       21       10         Haninge       99,751       1,014       290       99       22       65       83       35         Tyresö       49,173       244       57       26       0       30       24       12         Nykvarn       12,107       32       0       0       0       0       0       0       0         Tyresö       49,173       244       57       26       0       30       24       12         Nykvarn <td< td=""><td>0120 Värmdö</td><td></td><td>Österåker</td><td>49,282</td><td>210</td><td>30</td><td>0</td><td>0</td><td>21</td><td>0</td><td>38</td></td<>	0120 Värmdö		Österåker	49,282	210	30	0	0	21	0	38		
M125 Ekerö       Järfälla       86,330       956       359       51       20       95       74       39         ion of birth         28,808       111       29       0       0       13       0       19         Huddinge       113,920       1,016       359       81       15       85       94       92         Botkyrka       95,592       1,055       372       53       17       77       138       31         Salem       17,451       85       42       0       0       13       21       10         Haninge       99,751       1,014       290       99       22       65       83       35         Tyresö       49,173       244       57       26       0       30       31       33         Upplands-Bro       32,453       430       144       33       0       30       24       12         Nykvarn       12,107       32       0       0       0       0       0       0       0       0         Botkyrka       32,453       430       144       33       0       30       24       12         Nykv	0123 Järfälla		Värmdö	46,637	209	28	0	0	22	0	39		
Ekerö       28,808       111       29       0       0       13       0       19         Huddinge       113,920       1,016       359       81       15       85       94       92         botkyrka       95,592       1,055       372       53       17       77       138       31         Salem       17,451       85       42       0       0       13       21       10         Haninge       99,751       1,014       290       99       22       65       83       35         Tyresö       49,173       244       57       26       0       30       24       12         Nykvarn       12,107       32       0       0       0       0       0       0         Taby       76,738       282       91       28       0       36       22       59         Danderyd       32,419       53       36       0       0       24       0       46	0125 Ekerö	•	Järfälla	86,330	956	359	51	20	95	74	39		
ion of birth       ~         f185 selected       Mandatory         botkyrka       95,592       1,055       372       53       17       77       138       31         Salem       17,451       85       42       0       0       13       21       10         Haninge       99,751       1,014       290       99       22       65       83       35         3 selected       Tyresö       49,173       244       57       26       0       30       31       33         Upplands-Bro       32,453       430       144       33       0       30       24       12         Nykvarn       12,107       32       0       0       0       0       0       0       0         Taby       76,738       282       91       28       0       36       22       59         Danderyd       32,419       53       36       0       0       24       0       46			Ekerö	28,808	111	29	0	0	13	0	19		
Botkyrka         95,592         1,055         372         53         17         77         138         31           Salem         17,451         85         42         0         0         13         21         10           Haninge         99,751         1,014         290         99         22         65         83         35           Tyresö         49,173         244         57         26         0         30         31         33           Upplands-Bro         32,453         430         144         33         0         30         24         12           Nykvarn         12,107         32         0	egion of birth	~	Huddinge	113,920	1,016	359	81	15	85	94	92		
Salem         17,451         85         42         0         0         13         21         10           Haninge         99,751         1,014         290         99         22         655         83         35           Tyresö         49,173         244         57         26         0         30         31         33           Upplands-Bro         32,453         430         144         33         0         30         24         12           Nykvarn         12,107         322         0         0         0         0         0         0         0           Taby         76,738         282         91         28         0         36         22         59           Danderyd         32,419         53         36         0         0         24         0         46	11 of 185 selected Mandato	ry	Botkyrka	95,592	1,055	372	53	17	77	138	31		
Haninge       99,751       1,014       290       99       22       65       83       35         '3 selected       Tyresö       49,173       244       57       26       0       30       31       33         upplands-Bro       32,453       430       144       33       0       30       24       12         Nykvarn       12,107       32       0       0       0       0       0       0         Taby       76,738       282       91       28       0       36       22       59         Danderyd       32,419       53       36       0       0       24       0       46			Salem	17,451	85	42	0	0	13	21	10		
3 selected       Tyresö       49,173       244       57       26       0       30       31       33         upplands-Bro       32,453       430       144       33       0       30       24       12         wykvarn       12,107       32       0       0       0       0       0       0         1 selected       Mandatory       76,738       282       91       28       0       36       22       59         Danderyd       32,419       53       36       0       0       24       0       46	Sex	~	Haninge	99,751	1,014	290	99	22	65	83	35		
Upplands-Bro         32,453         430         144         33         0         30         24         12           Nykvarn         12,107         32         0	0 of 3 selected		Tyresö	49,173	244	57	26	0	30	31	33		
Nykvarn         12,107         32         0         <			Upplands-Bro	32,453	430	144	33	0	30	24	12		
Taby         76,738         282         91         28         0         36         22         59           Danderyd         32,419         53         36         0         0         24         0         46           Sellentum         76,739         76,739         153         36         0         0         24         0         46	bservations	~	Nykvarn	12,107	32	0	0	0	0	0	0		
Danderyd         32,419         53         36         0         0         24         0         46           Sallarting         76,700         473         158         25         0         16         50         16	1 of 1 selected Mandatory		Täby	76,738	282	91	28	0	36	22	59		
Pallantum 76 700 470 150 25 0 54 50 55			Danderyd	32,419	53	36	0	0	24	0	46		
Solientuna /6,/30 4/2 153 35 0 54 59 65	Year	~	Sollentuna	76,790	472	153	35	0	54	59	65		
24 selected         Mandatory         Stockholm         988,943         4,884         1,523         904         187         1,138         545         1,080	1 of 24 selected Mandatory		Stockholm	988,943	4,884	1,523	904	187	1,138	545	1,080		
Södertälje         102,519         527         219         47         23         51         133         23			Södertälje	102,519	527	219	47	23	51	133	23		
Nacka         110,633         744         168         50         0         101         27         111			Nacka	110,633	744	168	50	0	101	27	111		

https://	pxweb2.pa	ages.dev/table/tab60	30

						Population					
						2023					
	All birth countries	Afghanistan	Albania	Algeria	Angola	Argentina	Armenia	Australia	Azerbaijan	Bahamas	Bahrain
Upplands Väsby	50,110	499	179	31	0	28	36	12	88	0	0
Vallentuna	35,076	118	18	12	0	14	0	25	0	0	0
Österåker	49,282	210	30	0	0	21	0	38	28	0	0
Värmdö	46,637	209	28	0	0	22	0	39	0	0	0
Järfälla	86,330	956	359	51	20	95	74	39	122	0	0
Ekerö	28,808	111	29	0	0	13	0	19	0	0	0
Huddinge	113,920	1,016	359	81	15	85	94	92	130	0	0
Botkyrka	95,592	1,055	372	53	17	77	138	31	130	0	0
Salem	17,451	85	42	0	0	13	21	10	0	0	0
Haninge	99,751	1,014	290	99	22	65	83	35	176	0	0
Tyresö	49,173	244	57	26	0	30	31	33	20	0	0
Upplands-Bro	32,453	430	144	33	0	30	24	12	10	0	0
Nykvarn	12,107	32	0	0	0	0	0	0	0	0	0
Täby	76,738	282	91	28	0	36	22	59	23	0	0
Danderyd	32,419	53	36	0	0	24	0	46	0	0	0
Sollentuna	76,790	472	153	35	0	54	59	65	125	0	0
Stockholm	988,943	4,884	1,523	904	187	1,138	545	1,080	669	0	10
Södertälje	102,519	527	219	47	23	51	133	23	41	0	0
Nacka	110,633	744	168	50	0	101	27	111	48	0	0
Sundbyberg	55,912	263	223	36	0	69	30	42	50	0	0

#### PxWeb 2.0 test

¢¢¢

Filter

лΩп

Display

↑↓

Edit

B

Save

?

Help



Observations

Year

1 of 1 selected Mandatory

1 of 14 selected Mandatory

 $\sim$ 

 $\sim$ 

 $\sim$ 

religion and mass media

Even 11 rows seem to be too much sometimes...

SEK millions by socio-economic objectives, observations, year and departement (i) Information Last updated: 3/21/2024, 8:00 AM Government budget allocations for research and development, SEK millions 2024 Ministry of Ministry Ministry Ministry Ministry Ministry Ministry Ministry of Ministry of of climate rural affairs All of rural of of of of ministries employment infrastructure and and finance defence justice affairs culture enterprise infrastructure Exploration and 0 0 167 87 281 0 0 0 0 0 exploitation of the earth 0 0 0 835 83 0 Environment 1,345 1 0 272 Exploration and 951 0 0 3 0 0 0 0 0 0 exploitation of space Transport, telecommunication and 2.900 0 0 0 0 0 1.857 6 1.036 0 other infrastructures 0 0 21 0 Energy 1,063 0 0 0 1,031 0 Industrial production 1,985 0 0 113 0 1,524 30 0 0 0 and technology Health 3,478 0 0 0 21 618 0 22 0 1 Agriculture 796 0 0 0 0 0 346 0 279 0 317 0 0 0 0 182 1 0 Education 1 1 Culture, recreation, 78 0 0 0 0 0 9 39 3 0

PxWeb 2.0 > Government budget allocations for research and development, SEK millions by departement, socio-economic objectives, observations and year

Government budget allocations for research and development,

# **Proposed order of variables in a heading**

- 1. Content, if the heading contains only one content
- 2. Classification variable, if the heading contains a variable with only one value
- 3. Time, if the heading contains only one period
- 4. Contents, if the heading contains several contents
- 5. Classification variable, if the heading contains a variable with several values
- 6. Time, if the heading contains several periods

Up to three of these points can occur in a heading. Classification variable can occur repeatedly.

Filter

< Hide

\*

## Three mandatory variables



# When the user changes the selections

- The user often have to rotate the table manually after selecting new values or variables
- An algorithm can possibly save users for this effort
- Variables with only one value should not be repeated many times in the table
- We can avoid this if the single value is moved to the top of stub or early in the heading

Previous definitions. Average duration of unemployment for persons aged 15-74 (LFS), weeks by age, observations and month

(i) Information Last updated: 2/18/2022, 8:00 AM

	Average, weeks Margin of error ±, weeks		Unemployed persons, 1000s	Margin of error ±, 1000s	
	2020M12	2020M12	2020M12	2020M12	
15-24 years	10	2.4	113.5	20.3	
25-54 years	40.2	8.8	274.7	29	
55-74 years	34.4	7.7	62.1	14	

Number of employed people aged 16-65 in thousands by disability, occupation (SSYK 2012), sex, study domain, observations and year

(i) Information Last updated: 5/3/2024, 8:00 AM

	Number of employed people in thousands
	2023
	Men
	50-65 years
People with disability	
Managers	4
People with disability with reduced ability to work	
Managers	0
People with disability without reduced ability to work	
Managers	3
Rest of the population	
Managers	74
Total population	
Managers	79

#### PxWeb 2.0 test

## Default table

⊥∭ Display ↑↓ Edit Bave

> ⑦ Help

₽

Filter

		PxWeb
Region	^	
290 01 512 selected		Pop
Select grouping Municipalities	~	(i)
Q Search in list	*	_
Select all		
00 Sweden		
01 Stockholm county		
0114 Upplands Väsby		Uppla
0115 Vallentuna		Valle
0117 Österåker		Öster
0120 Värmdö		Värm
0123_lärfälla	-	Järfä
		Ekerö
Marital status	~	Hudd
0 of 4 selected		Botky
		Saler
Age	~	Tanin
0 of 102 selected		Unpla
		Nyky
Sex	~	Tähy
2 of 2 selected		Dand
		Solle
Observations	~	Stock
1 of 2 selected Mandatory		Söde
		Nack
Year	~	Sund
1 of 56 selected Mandatory		Solna

< Hide

Filter

<u>xWeb 2.0</u> > Population by region, marital status, age, sex, observations and year

### Population by region, observations, year and sex



	Population	
	20	23
	Men	Women
Upplands Väsby	25,328	24,782
Vallentuna	17,811	17,265
Österåker	24,946	24,336
Värmdö	23,523	23,114
Järfälla	43,901	42,429
Ekerö	14,539	14,269
Huddinge	57,713	56,207
Botkyrka	49,146	46,446
Salem	8,701	8,750
Haninge	50,952	48,799
Tyresö	24,582	24,591
Upplands-Bro	16,668	15,785
Nykvarn	6,182	5,925
Täby	38,265	38,473
Danderyd	15,968	16,451
Sollentuna	38,768	38,022
Stockholm	490,258	498,685
Södertälje	52,673	49,846
Nacka	55,091	55,542
Sundbyberg	28,091	27,821
Solna	42,834	42,592
Lidingö	23,673	24,651

## Select some other regions



\*

Filter	< Hide
Region	^
4 of 312 selected	
Select grouping Municipalities	~
Q Search in list	<b>^</b>
Select all	
00 Sweden	

01 Stockholm county 0114 Upplands Väsby 0115 Vallentuna 0117 Österåker 0120 Värmdö

0123 Järfälla

Marital status

0 of 4 selected

0 of 102 selected

2 of 2 selected

Age

Sex

PxWeb 2.0 > Population by region, marital status, age, sex, observations and year

### Population by region, sex, observations and year

(i) Information ) Last updated: 2/22/2024, 8:00 AM

	Рор	ulation
	2023	
	Men	Women
Upplands Väsby	25,328	24,782
Vallentuna	17,811	17,265
Österåker	24,946	24,336
Värmdö	23,523	23,114

 $\sim$ 

 $\sim$ 

 $\sim$ 

 $\sim$ 

 $\sim$ 

•

Hide



On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. Read more about the project on Github.

#### Contact

Project leader: Kristin Glomsås, krg@ssb.no Scrum master: Åsa Arrhén, asa.arrhen@scb.se

Copyright @ 2024 Statistics Sweden and Statistics Norway

Observations 1 of 2 selected Mandatory

Year

1 of 56 selected Mandatory

\* Filter

ملام Display

> ↑↓ Edit ä Save ? Help

Add one extra year

Region 4 of 312 selected	^	PxWeb 2.0 > Population by region, marital state	us, age, sex, observations and year
Select grouping Municipalities	~	Population by region, se	ex, observations and year
Q Search in list	î.	(i) Information Last updated: 2/22/202	4, 8:00 AM
<ul> <li>Select all</li> </ul>			
00 Sweden			
01 Stockholm county			2022
0114 Upplands Väsby			Men
0115 Vallentuna		Upplands Väsby	24,856
0117 Österåker		Vallentuna	17,621
0120 Värmdö		Österåker	24,915
0123 Järfälla	-	Värmdö	23,461
Age 0 of 102 selected Sex 2 of 2 selected Observations	* *	On this site you can follow as Statistics Sweden interface for PxWeb. <u>Read more about the proje</u> <b>Contact</b> Project leader: Kristin Glomsås, <u>krg@ssb.no</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@scb.se</u> Copyright © 2024 Statistics Sweden and Statist	(SCB) and Statistics Norway (SSB) are building a n <u>ct on Github</u> . ics Norway
ear 2 of 56 selected Mandatory Q Search in list Select all	Ŷ		
2023			
2022			
2021			

(i) Information Last updated: 2/22/2024, 8:00 AM					
	Population				
	2	022	2	023	
	Men	Women	Men	Women	
Upplands Väsby	24,856	24,406	25,328	24,782	
Vallentuna	17,621	17,230	17,811	17,265	
Österåker	24,915	24,223	24,946	24,336	
Värmdö	23,461	22,996	23,523	23,114	

e you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly or PxWeb. Read more about the project on Github.

Svenska

\*

Filter

யும

Display

↑<sub>↓</sub> Edit

Save

Add one extra content instead of extra year

	Region 4 of 312 selected	^	
	Select grouping Municipalities	~	
	Q Search in list	-	
	Select all		
	00 Sweden		
	01 Stockholm county		
	0114 Upplands Väsby		
	0115 Vallentuna		
	O117 Österåker		
	0120 Värmdö		
	0123_lärfälla	-	
	Marital status	~	
	0 01 4 selected		
	4.00		
	0 of 102 selected	Ť	
	Sex	~	
	2 of 2 selected		
(	Observations		
	2 of 2 selected Mandatory		
	Decembert - II		
	Population		
	Population growth		

PxWeb 2.0 > Population by region, marital status, age, sex, observations and year

#### Population by region, sex, observations and year



	Рор	Population Population gro		
	2023		2023	
	Men	Women	Men	Women
Upplands Väsby	25,328	24,782	472	376
Vallentuna	17,811	17,265	190	35
Österåker	24,946	24,336	31	113
Värmdö	23,523	23,114	62	118



On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. Read more about the project on Github.

Contact

Project leader: Kristin Glomsås, <u>krg@ssb.no</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@scb.se</u>

Copyright © 2024 Statistics Sweden and Statistics Norway

s≇ Filter

مال

Display  $\uparrow_{\downarrow}$ Edit ä

Save

?

Help

Add extra content and year

0 of 4 selected		() Information Last updated: 2/	<b>N, SEX, ODSE</b> /22/2024, 8:00 AM	ervations	and yea	ar		
Age 0 of 102 selected	~			Popula	ition			Рори
			202	2022 2023		23	2	022
Sex	~		Men	Women	Men	Women	Men	Wom
2 of 2 selected		Upplands Väsby	24,856	24,406	25,328	24,782	0	
		Vallentuna	17,621	17,230	17,811	17,265	0	
Observations	^	Österåker	24,915	24,223	24,946	24,336	0	
2 of 2 selected Mandatory		Värmdö	23,461	22,996	23,523	23,114	0	
Population growth		On this site you can follow as Statistics interface for PxWeb. <u>Read more about th</u>	Sweden (SCB) and Star he project on Github.	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
Population growth		King and the second secon	Sweden (SCB) and Sta <u>he project on Github</u> . <u>b.no</u> <u>bscb.se</u> d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
Population growth	Â	Example 2024 Statistics Sweden and	Sweden (SCB) and Sta <u>he project on Github</u> . <u>b.no</u> <u>bscb.se</u> d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
Population growth Population growth Year 2 of 56 selected Mandatory	^	Statistick sentrolbyrð statistick Norway On this site you can follow as Statistics interface for PxWeb. <u>Read more about til</u> Contact Project leader: Kristin Glomsås, <u>krg@sst</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@</u> Copyright © 2024 Statistics Sweden and	Sweden (SCB) and Sta <u>he project on Github</u> . <u>b.no</u> <u>bscb.se</u> d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
Population growth  Year 2 of 56 selected Mandatory  Q Search in list	^	Statistick sentralbyrð Statistick Norway On this site you can follow as Statistics interface for PxWeb. <u>Read more about til</u> Contact Project leader: Kristin Glomsås, <u>krg@ssl</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@</u> Copyright © 2024 Statistics Sweden and	Sweden (SCB) and Sta he project on Github. <u>b.no</u> <u>bscb.se</u> d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
Population growth Population growth Year 2 of 56 selected Mandatory Q Search in list Select all	^	Statistisk sentrolbyrð statistick Norway On this site you can follow as Statistics interface for PxWeb. <u>Read more about til</u> Contact Project leader: Kristin Glomsås, <u>krg@ssl</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@</u> Copyright © 2024 Statistics Sweden and	Sweden (SCB) and Sta <u>he project on Github</u> . <u>b.no</u> <u>bscb.se</u> d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
<ul> <li>Population growth</li> <li>Year</li> <li>2 of 56 selected Mandatory</li> <li>Q Search in list</li> <li>Select all</li> <li>2 2023</li> </ul>	^	Statistisk sentralbyrð statistick Norway On this site you can follow as Statistics interface for PxWeb. <u>Read more about til</u> Contact Project leader: Kristin Glomsås, <u>krg@ssl</u> Scrum master: Åsa Arrhén, <u>asa arrhen@</u> Copyright © 2024 Statistics Sweden and	Sweden (SCB) and Sta he project on Github. b.no bscb.se d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	
<ul> <li>Population growth</li> <li>Year</li> <li>2 of 56 selected Mandatory</li> <li>Q Search in list</li> <li>Select all</li> <li>2023</li> <li>2022</li> </ul>	^	Statistick sentralbyrð Statistick Norway On this site you can follow as Statistics interface for PxWeb. <u>Read more about til</u> Contact Project leader: Kristin Glomsås, <u>krg@sst</u> Scrum master: Åsa Arrhén, <u>asa arrhen@</u> Copyright © 2024 Statistics Sweden and	Sweden (SCB) and Sta he project on Github. b.no bscb.se d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	serfriendly	
<ul> <li>Population growth</li> <li>Year</li> <li>2 of 56 selected Mandatory</li> <li>Q Search in list</li> <li>Select all</li> <li>2023</li> <li>2022</li> <li>2021</li> </ul>	^	Statistick sentrolbyrð stutistick Norway On this site you can follow as Statistics interface for PxWeb. <u>Read more about til</u> Contact Project leader: Kristin Glomsås, <u>krg@sst</u> Scrum master: Åsa Arrhén, <u>asa.arrhen@</u> Copyright © 2024 Statistics Sweden and	Sweden (SCB) and Sta <u>he project on Github</u> . <u>b.no</u> <u>bscb.se</u> d Statistics Norway	tistics Norway (S	SB) are building	a new and more u	ser-friendly	

https://pxweb2.pages.dev/table/tab638

2023

Men 472

190

31

62

Women

376

35

113

118

Add one value for Age

\* Filter யி Display ↑↓ Edit ä Save 0 Help

Filter	< Hide
Region	^
4 of 312 selected	

......

Ŧ

 $\sim$ 

 $\sim$ 

Filter

Region

Select grouping

Municipalities

Q Search in list Select all 00 Sweden 01 Stockholm county 0114 Upplands Väsby 0115 Vallentuna 0117 Österåker 0120 Värmdö 0123 Järfälla

Marital status 0 of 4 selected

Age 1 of 102 selected

Select grouping Age, 1 year age classes	~
Q 25	×
- Select all	
25 years	

PxWeb 2.0 > Population by region, marital status, age, sex, observations and year

#### Population by region, age, sex, observations and year

(i) Information ) Last updated: 2/22/2024, 8:00 AM

	Population				Population growth				
		2022		2023		2022		2023	
	Men	Women	Men	Women	Men	Women	Men	Women	
Upplands Väsby									
25 years	275	250	325	233	13	6	50	-17	
Vallentuna									
25 years	149	113	163	130	-1	-6	14	17	
Österåker									
25 years	213	169	193	140	-21	-4	-20	-29	
Värmdö									
25 years	149	169	144	146	-34	-16	-5	-23	

Statistisk sentralbyrå SH Statistics Norway

On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. Read more about the project on Github.

Contact

Project leader: Kristin Glomsås, krg@ssb.no Scrum master: Åsa Arrhén, asa.arrhen@scb.se

Copyright © 2024 Statistics Sweden and Statistics Norway

Svenska

<u>⇒</u>

Filter

مللم

Display

î↓

Edit

Save

## Add two values for Age

	Filter
	Region
	4 of 312 selected
	Select grouping Municipalities
	Q Search in list
	Select all
	00 Sweden
	01 Stockholn
	0114 Upplan
	_

Municipalities	~
Q Search in list	*
Select all	
00 Sweden	
01 Stockholm county	
0114 Upplands Väsby	
0115 Vallentuna	
0117 Österåker	
0120 Värmdö	
0123 Järfälla	*
Marital status	~
Marital status 0 of 4 selected	~
Marital status 0 of 4 selected	~
Marital status 0 of 4 selected Age	~
Marital status 0 of 4 selected Age 2 of 102 selected	~
Marital status 0 of 4 selected Age 2 of 102 selected Select grouping	~
Marital status 0 of 4 selected Age 2 of 102 selected Select grouping Age, 1 year age classes	~
Marital status 0 of 4 selected Age 2 of 102 selected Select grouping Age, 1 year age classes Q 50	~ ~ ×
Marital status 0 of 4 selected Age 2 of 102 selected Select grouping Age, 1 year age classes Q 50 Select all	~ ~ ×
Marital status 0 of 4 selected Age 2 of 102 selected Select grouping Age, 1 year age classes Q 50 Select all Select all So years	~ ~ ×

< Hide

 $\sim$ 

 $\underline{\mathsf{PxWeb}\ 2.0}\,$  > Population by region, marital status, age, sex, observations and year

### Population by region, age, sex, observations and year



	Population				Population growth				
		2022		2023		2022		2023	
	Men	Women	Men	Women	Men	Women	Men	Women	
Upplands Väsby									
25 years	275	250	325	233	13	6	50	-17	
50 years	376	346	364	342	19	28	-12	-4	
Vallentuna									
25 years	149	113	163	130	-1	-6	14	17	
50 years	295	279	303	312	20	-7	8	33	
Österåker									
25 years	213	169	193	140	-21	-4	-20	-29	
50 years	383	417	365	390	-22	54	-18	-27	
Värmdö									
25 years	149	169	144	146	-34	-16	-5	-23	
50 years	381	414	382	361	12	-9	1	-53	

B Statistisk sentralbyrå Statistics Norway

On this site you can follow as Statistics Sweden (SCB) and Statistics Norway (SSB) are building a new and more user-friendly interface for PxWeb. <u>Read more about the project on Github</u>.

≣ Filter

مللم

Display î↓ Edit

> ä Save

> > ?

Help

## Add one value for Marital status

Filter	< Hide	PrWeb 2.0. > Population by region marital	status ane sev	observations and	vear				
Region	^	TATED 2.5 7 Fopulation by region, marked	otatao, ago, ocr	, observations and	, year				
4 of 312 selected		Population by region.	marital	status, a	ae. se	x. observa	ations	and	
Select grouping Municipalities	~	year		,	3-1	,			
Q Search in list	*	(i) Information Last updated: 2/22/	2024, 8:00 AM						
Select all									
00 Sweden				Рори	lation			Populatio	on growt
01 Stockholm county				2022		2023		2022	
0114 Upplands Väsby			Men	Women	Men	Women	Men	Women	N
0115 Vallentuna		Upplands Väsby	_						<u> </u>
0117 Österåker		25 years							ļ
0120 Värmdö		Single	259	212	300	185	13	4	
0123 Järfälla	-	50 years							
		Single	100	73	112	98	-14	-14	
rital status	^	Vallentuna							-
of 4 selected		25 years							<u> </u>
-		Single	145	105	158	122	0	0	<u> </u>
Select all	_	50 years							<u> </u>
Single		Single	60	58	85	74	-7	-10	<u> </u>
Married		Österåker							<u> </u>
Widowers/widows		25 years							<u> </u>
Divorced		Single	207	152	189	123	-19	-5	
		50 years							<u> </u>
		Single	106	83	104	81	-12	-4	
		Värmdö							
		25 years							
		Single	146	156	142	136	-32	-13	<u> </u>
ge	~	50 years							$\vdash$
2 of 102 selected		Single	114	116	104	89	20	5	

2023

Women

-27

25

17

16

-29

-2

-20

-27

Men

41

12

13

25

-18

-2

-4

-10

 ⇒≣ Filter

மி Display

↑↓

Edit

🛱 Save

Help

## Add all values for Marital status

Filter	< Hide
Region 4 of 312 selected	^
Select grouping Municipalities	~
Q Search in list	-
Select all	
00 Sweden	
01 Stockholm county	
0114 Upplands Väsby	
0115 Vallentuna	
0117 Österåker	
0120 Värmdö	
0123_lärfälla	<b>•</b>
Marital status 4 of 4 selected	^
Deselect all	
Single	
Married	
Widowers/widows	
Divorced	
A	
2 of 102 selected	~
Sex	~
2 of 2 selected	

PxWeb 2.0 > Population by region, marital status, age, sex, observations and year Population by region, marital status, age, sex, observations and year (i) Information ) Last updated: 2/22/2024, 8:00 AM Population Population growth Men Women Men Women Men Women Men Women Upplands Väsby 25 years -27 Single Married -1 Widowers/widows -1 -1 Divorced 50 years Single -14 -14 -25 Married -5 Widowers/widows -2 -3 -25 Divorced Vallentuna 25 years Single -7 -1 Married Widowers/widows Divorced -1 50 years -7 Single -10 Married -10 -3 Widowers/widows Divorced -2 -4 Österåker 25 years

 ⇒ Filter

மி Display

> ↑↓ Edit

Save

⑦ Help

Select one content and one year.

Marital status and Age were not in the default table.

ter	< Hide	Population by region, marital status, age, observations an	nd
egion	^	year	
4 of 312 selected		() Information Last updated: 2/22/2024, 8:00 AM	
Select grouping Municipalities	~		Population
Search in list	<b>^</b>	-	
Select all		Upplands Väsby	
00 Sweden		25 years	
01 Stockholm county		Single	
0114 Upplande Väeby		Married	
0115 Vallentura		Widowers/widows	
0117 Östesiler		Divorced	
0100 Vii meri		50 years	
u 120 Varmdö	<b>_</b>	Single	
0123 Järfälla		Married	
tal status		Widowers/widows	
4 selected	~	Divorced	
		Vallentuna	
Deselect all		25 years	
Single		Single	
Married		Married	
Widowers/widows		Widowers/widows	
livorced		Divorced	
		50 years	
		Single	
		Married	
		Widowers/widows	
		Divorced	
	^	Österåker	
02 selected		25 years	
		Single	
t grouping 1 year age classes	~	Married	
Search in list		Widowers/widows	
Search in list		Divorced	

## Algorithm when the user makes own choices

- 1. PxWeb remembers the position of the variables in the stub and heading. When the user selects other values, the table retains the same structure.
- 2. Contents and time are usually shown in the header. Contents before time, but if several contents and only one time is selected, time should be placed first. (That way you avoid repetition of the single time).
- 3. If only contents and time (no classification variables) are selected: Place the dimension with most values in the stub
- 4. Classification variables are usually placed in the stub (rows). But if only one content and one period are selected, and more than one classification variable with at least two values: Show the classification variable with the second most values as columns. (That way you avoid all numbers ending up in one column.)
- 5. Classification variables where only one value is selected, should be placed at the top of the stub. (That way you avoid repetition of the single value in the stub.)

# Thank you!