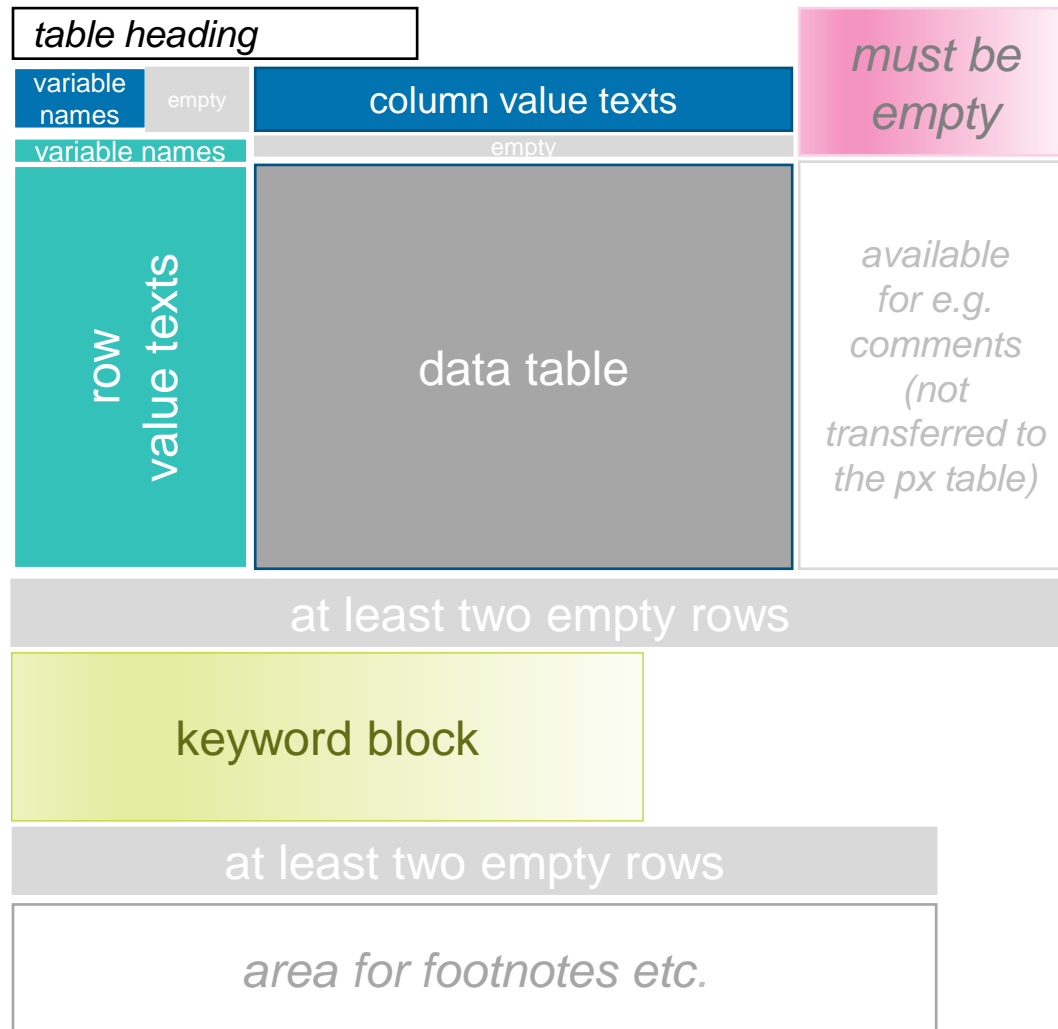


Structural files with PxEdit and PxJob

Veli-Matti Jantunen
Statistics Finland
Technology Services
Interface technologies

Structural table

Basic layout



- Empty areas make it possible to deduct the table layout

Monolingual tables

Row variables only

	A	B	C	D	E
1	<i>Nordic population 2016-2018</i>				
2	Country	Sex	Age group	Year	data
3	Denmark	Men	0-49 years	2016	1796142
4	Denmark	Men	0-49 years	2017	1797549
5	Denmark	Men	0-49 years	2018	1796712
6	Denmark	Men	50- years	2016	1041745
7	Denmark	Men	50- years	2017	1062629
8	Denmark	Men	50- years	2018	1079761
9	Denmark	Women	0-49 years	2016	1734580
10	Denmark	Women	0-49 years	2017	1734489
11	Denmark	Women	0-49 years	2018	1734196
12	Denmark	Women	50- years	2016	1134784
13	Denmark	Women	50- years	2017	1154102
14	Denmark	Women	50- years	2018	1170521
15	Finland	Men	0-49 years	2016	1662827
16	Finland	Men	0-49 years	2017	1661692
17	Finland	Men	0-49 years	2018	1657123
18	Finland	Men	50- years	2016	1038663
19	Finland	Men	50- years	2017	1050635
20	Finland	Men	50- years	2018	1062008
21	Finland	Women	0-49 years	2016	1587107
22	Finland	Women	0-49 years	2017	1581760
23	Finland	Women	0-49 years	2018	1574903
24	Finland	Women	50- years	2016	..
25	Finland	Women	50- years	2017	1529408
26	Finland	Women	50- years	2018	1219096

[1] Nordic population 2016-2018 by Country, Sex, Age group and Year

File Edit Window Language

Denmark	Men	0-49 years	2016	1796142
			2017	1797549
			2018	1796712
		50- years	2016	1041745
			2017	1062629
			2018	1079761
	Women	0-49 years	2016	1734580
			2017	1734489
			2018	1734196
Finland		50- years	2016	1134784
			2017	1154102
			2018	1170521
	Men	0-49 years	2016	1662827
			2017	1661692
			2018	1657123
		50- years	2016	1038663
			2017	1050635
			2018	1062008
	Women	0-49 years	2016	1587107
			2017	1581760
			2018	1574903
		50- years	2016	..
			2017	1529408
			2018	1219096
			2016	..
			2017	..
			2018	..

60 rows x 1 columns = 60 figures

Random order and missing values

	A	B	C	D	E
1	Nordic population 2016-2018				
2	Country	Sex	Age group	Year	
3	Norway	Women	50- years	2016	932942
4	Finland	Men	0-49 years	2016	1662827
5	Denmark	Men	0-49 years	2016	1796142
6	Denmark	Men	50- years	2016	1041745
7	Finland	Women	50- years	2016	n/a
8	Finland	Women	0-49 years	2016	1587107
9	Finland	Men	50- years	2016	1038663
10	Iceland	Men	50- years	2016	52112
11	Denmark	Women	0-49 years	2016	1734580
12	Norway	Men	0-49 years	2016	1750142
13	Iceland	Women	0-49 years	2016	110587
14	Sweden	Women	50- years	2016	1936583
15	Denmark	Women	50- years	2016	1134784
16	Iceland	Women	50- years	2016	54672
17	Sweden	Women	0-49 years	2016	2983468
18	Iceland	Men	0-49 years	2016	115158
19	Norway	Women	0-49 years	2016	1655932
20	Sweden	Women	50- years	2017	1962096
21	Iceland	Men	0-49 years	2017	117546
22	Denmark	Men	0-49 years	2017	1797549
23	Denmark	Women	50- years	2017	1154102
24	Iceland	Women	50- years	2017	55853
25	Norway	Men	0-49 years	2017	1755291
26	Denmark	Men	50- years	2017	1062629
27	Denmark	Women	0-49 years	2017	1734489

[1] Nordic population 2016-2018 by Country, Sex, Age group and Year

File Edit Window Language

Norway	Women	50- years	2016	932942
			2017	948753
			2018	964761
	0-49 years		2016	1655932
			2017	1660434
			2018	1662487
	Men	50- years	2016
			2017
			2018
Finland	Women	0-49 years	2016	1750142
			2017	1755291
			2018	1755803
		50- years	2016
			2017	1529408
			2018	1219096
	Men	0-49 years	2016	1587107
			2017	1581760
			2018	1574903
		50- years	2016	1038663
			2017	1050635
			2018	1062008
		0-49 years	2016	1662827
			2017	1661692

60 rows x 1 columns = 60 figures

Value texts need not be repeated

	A	B	C	D	E
1	Nordic population 2016-2018	en			
2	Country	Sex	Age group	Year	
3	Denmark	Men	0-49 years	2016	1796142
4				2017	1797549
5				2018	1796712
6			50- years	2016	1041745
7				2017	1062629
8				2018	1079761
9		Women	0-49 years	2016	1734580
10				2017	1734489
11				2018	1734196
12			50- years	2016	1134784
13				2017	1154102
14				2018	1170521
15	Finland	Men	0-49 years	2016	1662827
16				2017	1661692
17				2018	1657123
18			50- years	2016	1038663
19				2017	1050635
20				2018	1062008
21		Women	0-49 years	2016	1587107
22				2017	1581760
23				2018	1574903
24			50- years	2016	..
25				2017	1529408
26				2018	1219096
27	Iceland	Men	0-49 years	2016	115158

[1] Nordic population 2016-2018 by Country, Sex, Age group and Year

File Edit Window Language

Denmark	Men	0-49 years	2016	1796142
			2017	1797549
			2018	1796712
		50- years	2016	1041745
			2017	1062629
			2018	1079761
	Women	0-49 years	2016	1734580
			2017	1734489
			2018	1734196
		50- years	2016	1134784
			2017	1154102
			2018	1170521
Finland	Men	0-49 years	2016	1662827
			2017	1661692
			2018	1657123
		50- years	2016	1038663
			2017	1050635
			2018	1062008
	Women	0-49 years	2016	1587107
			2017	1581760
			2018	1574903
		50- years	2016	..
			2017	1529408

60 rows x 1 columns = 60 figures

en

Value codes

	A	B	C	D	E	F	G	H	I
1	Nordic population	en							
2	Sex			M			W		
3	Sex			Men			Women		
4	Year			2016	2017	2018	2016	2017	2018
5	Country	Country	Age group						
6	DK	Denmark	0-49 years	1796142	1797549	1796712	1734580	1734489	1734196
7			50- years	1041745	1062629	1079761	1134784	1154102	1170521
8	FI	Finland	0-49 years	1662827	1661692	1657123	1587107	1581760	1574903
9			50- years	1038663	1050635	1062008	..	1529408	1219096
10	IS	Iceland	0-49 years	115158	117546	122579	110587	111463	113784
11			50- years	52112	53487	55021	54672	55853	57066
12	NO	Norway	0-49 years	1750142	1755291	1755803	1655932	1660434	1662487
13			50- years	874969	893839	912568	932942	948753	964761
14	SE	Sweden	0-49 years	3137016	3188062	3227842	2983468	3019710	3051633
15			50- years	1793950	1825285	1854820	1936583	1962096	1985947
16									

E

[1] Nordic population by Country, Age group, Sex and Year

—

□

✕

File Edit Window Language

		M			W		
		2016	2017	2018	2016	2017	2018
DK	0-49 years	1796142	1797549	1796712	1734580	1734489	1734196
	50- years	1041745	1062629	1079761	1134784	1154102	1170521
FI	0-49 years	1662827	1661692	1657123	1587107	1581760	1574903
	50- years	1038663	1050635	1062008	..	1529408	1219096
IS	0-49 years	115158	117546	122579	110587	111463	113784
	50- years	52112	53487	55021	54672	55853	57066
NO	0-49 years	1750142	1755291	1755803	1655932	1660434	1662487
	50- years	874969	893839	912568	932942	948753	964761
SE	0-49 years	3137016	3188062	3227842	2983468	3019710	3051633
	50- years	1793950	1825285	1854820	1936583	1962096	1985947

<

>

10 rows x 6 columns = 60 figures

en

Poor metadata

	A	B	C	D	E	F	G	H	I
1	<i>Nordic population</i>	en							
2	Sex			M			W		
3	Sex			Men			Women		
4	Year			2016	2017	2018	2016	2017	2018
5	Country	Country	Age group						
6	DK	Denmark	0-49 years	1796142	1797549	1796712	1734580	1734489	1734196
7			50- years	1041745	1062629	1079761	1134784	1154102	1170521
8	FI	Finland	0-49 years	1662827	1661692	1657123	1587107	1581760	1574903
9			50- years	1038663	1050635	1062008	..	1529408	1219096
10	IS	Iceland	0-49 years	115158	117546	122579	110587	111463	113784
11			50- years	52112	53487	55021	54672	55853	57066
12	NO	Norway	0-49 years	1750142	1755291	1755803	1655932	1660434	1662487
13			50- years	874969	893839	912568	932942	948753	964761
14	SE	Sweden	0-49 years	3137016	3188062	3227842	2983468	3019710	3051633
15			50- years	1793950	1825285	1854820	1936583	1962096	1985947
16									

[1] Nordic population by Country, Age group, Sex and Year

Variable: Country en

Keywords Meta part View Select Sort Edit Add Anonymise

```

CHARSET="ANSI";
AXIS-VERSION="2010";
LANGUAGE="en";
DECIMALS=0;
TITLE="Nordic population by Country, Age group, Sex and Year";
CONTENTS="Nordic population";
STUB="Country","Age group";
HEADING="Sex","Year";
VALUES("Country")="Denmark","Finland","Iceland","Norway","Sweden";
VALUES("Age group")="0-49 years","50- years";
VALUES("Sex")="Men","Women";
VALUES("Year")="2016","2017","2018";
CODES("Country")="DK","FI","IS","NO","SE";
CODES("Sex")="M","W";
NOTE="Population as of 1 January";
DATA= ... ;

```

PX Unicode

☒ Colour codes

Print..

Save..

Close

Keyword block

Table-specific keywords are simple

	A	B	C	D	E	F	G	H	I
1	<i>Nordic population</i>	en							
2	Sex			M			W		
3	Sex			Men			Women		
4	Year			2016	2017	2018	2016	2017	2018
5	Country	Country	Age group						
6	DK	Denmark	0-49 years	1796142	1797549	1796712	1734580	1734489	1734196
7			50- years	1041745	1062629	1079761	1134784	1154102	1170521
8	FI	Finland	0-49 years	1662827	1661692	1657123	1587107	1581760	1574903
9			50- years	1038663	1050635	1062008	..	1529408	1219096
10	IS	Iceland	0-49 years	115158	117546	122579	110587	111463	113784
11			50- years	52112	53487	55021	54672	55853	57066
12	NO	Norway	0-49 years	1750142	1755291	1755803	1655932	1660434	1662487
13			50- years	874969	893839	912568	932942	948753	964761
14	SE	Sweden	0-49 years	3137016	3188062	3227842	2983468	3019710	3051633
15			50- years	1793950	1825285	1854820	1936583	1962096	1985947
16									
17									
18	MATRIX	CITI01							
19	SUBJECT-CODE	VRM							
20	SUBJECT-AREA	Population							
21	COPYRIGHT	YES							
22	CONTACT	nordicstatistics@statisticon.org							
23	SOURCE	National statistical institutes.							
24	NOTE	Population as of 1 January							
25									

[1] Nordic population by Country, Age group, Sex and Year

Variable: Country en

Keywords Meta part View Select Sort Edit Add Anonymise

```

CHARSET="ANSI";
AXIS-VERSION="2010";
LANGUAGE="en";
DECIMALS=0;
MATRIX="CITI01";
SUBJECT-CODE="VRM";
SUBJECT-AREA="Population";
COPYRIGHT=YES;
TITLE="Nordic population by Country, Age group, Sex and Year";
CONTENTS="Nordic population";
STUB="Country","Age group";
HEADING="Sex","Year";
VALUES("Country")="Denmark","Finland","Iceland","Norway","Sweden";
VALUES("Age group")="0-49 years","50- years";
VALUES("Sex")="Men","Women";
VALUES("Year")="2016","2017","2018";
CODES("Country")="DK" "FI" "IS" "NO" "SE";

```

PX Unicode

☒ Colour codes

Print..

Save..

Close

The block may also be pivoted

	A	B	C	D	E	F	G	H	I
1	Nordic population	en							
2	Sex			M			W		
3	Sex			Men			Women		
4	Year			2016	2017	2018	2016	2017	2018
5	Country	Country	Age group						
6	DK	Denmark	0-49 years	1796142	1797549	1796712	2E+06	1734489	1734196
7			50- years	1041745	1062629	1079761	1E+06	1154102	1170521
8	FI	Finland	0-49 years	1662827	1661692	1657123	2E+06	1581760	1574903
9			50- years	1038663	1050635	1062008	..	1529408	1219096
10	IS	Iceland	0-49 years	115158	117546	122579	1E+05	111463	113784
11			50- years	52112	53487	55021	54672	55853	57066
12	NO	Norway	0-49 years	1750142	1755291	1755803	2E+06	1660434	1662487
13			50- years	874969	893839	912568	9E+05	948753	964761
14	SE	Sweden	0-49 years	3137016	3188062	3227842	3E+06	3019710	3051633
15			50- years	1793950	1825285	1854820	2E+06	1962096	1985947
16									
17									
18	MATRIX	SUBJECT-CODE	SUBJECT-AREA	COPYRIGHT	CONTACT	SOURCE	NOTE		
19	CITI01	VRM	Population	YES	nordicstat	National s	Population as of 1 January		
20									
21									

[1] Nordic population by Country, Age group, Sex and Year

Variable: Country en

Keywords Meta part View Select Sort Edit Add Anonymise

```

CHARSET="ANSI";
AXIS-VERSION="2010";
LANGUAGE="en";
DECIMALS=0;
MATRIX="CITI01";
SUBJECT-CODE="VRM";
SUBJECT-AREA="Population";
COPYRIGHT=YES;
TITLE="Nordic population by Country, Age group, Sex and Year";
CONTENTS="Nordic population";
STUB="Country","Age group";
HEADING="Sex","Year";
VALUES("Country")="Denmark","Finland","Iceland","Norway","Sweden";
VALUES("Age group")="0-49 years","50- years";
VALUES("Sex")="Men","Women";
VALUES("Year")="2016","2017","2018";
CODES("Country")="DK" "FI" "IS" "NO" "SE";

```

PX Unicode
☒ Colour codes
Print..
Save..

Close

Variable-specific keywords

	A	B	C	D	E	F	G	H	I
1	Nordic population	en							
2	Sex			M			W		
3	Sex			Men			Women		
4	Year			2016	2017	2018	2016	2017	2018
5	Country	Country	Age group						
6	DK	Denmark	0-49 years	1796142	1797549	1796712	1734580	1734489	1734196
7			50- years	1041745	1062629	1079761	1134784	1154102	1170521
8	FI	Finland	0-49 years	1662827	1661692	1657123	1587107	1581760	1574903
9			50- years	1038663	1050635	1062008	..	1529408	1219096
10	IS	Iceland	0-49 years	115158	117546	122579	110587	111463	113784
11			50- years	52112	53487	55021	54672	55853	57066
12	NO	Norway	0-49 years	1750142	1755291	1755803	1655932	1660434	1662487
13			50- years	874969	893839	912568	932942	948753	964761
14	SE	Sweden	0-49 years	3137016	3188062	3227842	2983468	3019710	3051633
15			50- years	1793950	1825285	1854820	1936583	1962096	1985947
16									
17									
18	variablename		Age group	Year					
19	MATRIX	CITI01							
20	SUBJECT-CODE	VRM							
21	SUBJECT-AREA	Population							
22	COPYRIGHT	YES							
23	CONTACT	nordicstatistics@statisticon.org							
24	SOURCE	National statistical institutes.							
25	NOTE	Population as of 1 January							
26	TIMEVAL			A					
27	NOTE		Halfway grouped						

[1] Nordic population by Country, Age group, Sex and Year

Variable: Country en

Keywords Meta part View Select Sort Edit Add Anonymise

```

CHARSET="ANSI";
AXIS-VERSION="2010";
LANGUAGE="en";
DECIMALS=0;
MATRIX="CITI01";
SUBJECT-CODE="VRM";
SUBJECT-AREA="Population";
COPYRIGHT=YES;
TITLE="Nordic population by Country, Age group, Sex and Year";
CONTENTS="Nordic population";
STUB="Country","Age group";
HEADING="Sex","Year";
VALUES("Country")="Denmark","Finland","Iceland","Norway","Sweden";
VALUES("Age group")="0-49 years","50- years";
VALUES("Sex")="Men","Women";
VALUES("Year")="2016","2017","2018";
TIMEVAL("Year")=TLIST(A1),"2016","2017","2018";

```

PX Unicode ☒ Colour codes Print.. Save..

Close

Value-specific keywords

	A	B	C	D	E	F	G	H	I
1	Nordic population	en							
2	Sex			M			W		
3	Sex			Men			Women		
4	Year			2016	2017	2018	2016	2017	2018
5	Country	Country	Age group						
6	DK	Denmark	0-49 years	1796142	1797549	1796712	1734580	1734489	1734196
7			50- years	1041745	1062629	1079761	1134784	1154102	1170521
8	FI	Finland	0-49 years	1662827	1661692	1657123	1587107	1581760	1574903
9			50- years	1038663	1050635	1062008	..	1529408	1219096
10	IS	Iceland	0-49 years	115158	117546	122579	110587	111463	113784
11			50- years	52112	53487	55021	54672	55853	57066
12	NO	Norway	0-49 years	1750142	1755291	1755803	1655932	1660434	1662487
13			50- years	874969	893839	912568	932942	948753	964761
14	SE	Sweden	0-49 years	3137016	3188062	3227842	2983468	3019710	3051633
15			50- years	1793950	1825285	1854820	1936583	1962096	1985947
16									
17									
18	variablename		Age group	Year	Country	Country			
19	valuetext				Denmark	Finland			
20	MATRIX	CITI01							
21	SUBJECT-CODE	VRM							
22	SUBJECT-AREA	Population							
23	COPYRIGHT	YES							
24	CONTACT	nordicstatistics@statisticon.							
25	SOURCE	National statistical institutes							
26	NOTE	Population as of 1 January							
27	TIMEVAL			A					
28	NOTE		Halfway grouped						
29	VALUENOTE				excluding Greenland	excluding Åland			
30									

[1] Nordic population by Country, Age group, Sex and Year

Variable:

Country

en

Keywords

Meta part

View

Select

Sort

Edit

Add

Anonymise

STUB="Country","Age group";

HEADING="Sex","Year";

VALUES("Country")="Denmark","Finland","Iceland","Norway","Sweden";

VALUES("Age group")="0-49 years","50- years";

VALUES("Sex")="Men","Women";

VALUES("Year")="2016","2017","2018";

TIMEVAL("Year")=TLIST(A1),"2016","2017","2018";

CODES("Country")="DK","FI","IS","NO","SE";

CODES("Sex")="M","W";

CODES("Year")="2016","2017","2018";

CONTACT="nordicstatistics@statisticon.org";

SOURCE="National statistical institutes.";

NOTE="Population as of 1 January";

NOTE("Age group")="Halfway grouped";

VALUENOTE("Country","Denmark")="excluding Greenland and Faroe Islands";

VALUENOTE("Country","Finland")="excluding Åland Islands";

PX Unicode

☒ Colour codes

Print..

Save..

Close

Multilingual tables

Multilingual table with table-specific keywords

1	Nordic population	en,fi									
2	Sex					M			W		
3	Sex					Men			Women		
4	Sex					Miehiä			Naisia		
5	Year					2016	2017	2018	2016	2017	2018
6	Country	Country	Country	Age group	Age group						
7	DK	Denmark	Tanska	0-49 years	0-49 vuotta	1796142	1797549	1796712	1734580	1734489	1734196
8				50- years	50- vuotta	1041745	1062629	1079761	1134784	1154102	1170521
9	FI	Finland	Suomi	0-49 years	0-49 vuotta	1662827	1661692	1657123	1587107	1581760	1574903
10				50- years	50- vuotta	1038663	1050635	1062008	..	1529408	1219096
11	IS	Iceland	Islanti	0-49 years	0-49 vuotta	115158	117546	122579	110587	111463	113784
12				50- years	50- vuotta	52112	53487	55021	54672	55853	57066
13	NO	Norway	Norja	0-49 years	0-49 vuotta	1750142	1755291	1755803	1655932	1660434	1662487
14				50- years	50- vuotta	874969	893839	912568	932942	948753	964761
15	SE	Sweden	Ruotsi	0-49 years	0-49 vuotta	3137016	3188062	3227842	2983468	3019710	3051633
16				50- years	50- vuotta	1793950	1825285	1854820	1936583	1962096	1985947
17											
18											
19	languagecode	en	fi								
20	STUB	Country, Age group	Valtio, Ikäryhmä								
21	HEADING	Sex, Year	Sukupuoli, Vuosi								
22	MATRIX	CITI01									
23	SUBJECT-CODE	VRM									
24	SUBJECT-AREA	Population	Väestö								
25	COPYRIGHT	YES									
26	DESCRIPTION	Nordic population demo	Pohjoismaiden väestö -demo								
27	CONTENTS	Nordic population	Pohjoismaiden väestö								
28	UNITS	Number of persons	Henkilöitä								
29	CONTACT	nordicstatistics@statisticon.org									
30	SOURCE	National statistical institutes.	pohjoismaiset tilastovirastot								
31	NOTE	Population as of 1 January	väestö 1. tammikuuta								

[1] Nordic population by Country, Age group, Sex and Year

Variable: Country en

Keywords Meta part View Select Sort Edit Add Anonymise

```

CHARSET="ANSI";
AXIS-VERSION="2010";
LANGUAGE="en";
LANGUAGES="en","fi";
DECIMALS=0;
MATRIX="CITI01";
SUBJECT-CODE="VRM";
SUBJECT-AREA="Population";
SUBJECT-AREA[fi]="Väestö";
COPYRIGHT=YES;
DESCRIPTION="Nordic population demo";
DESCRIPTION[fi]="Pohjoismaiden väestö -demo";
TITLE="Nordic population by Country, Age group, Sex and Year";
TITLE[fi]="Pohjoismaiden väestö muuttujina Valtio, Ikäryhmä, Sukupuoli ja Vuosi";
CONTENTS="Nordic population";
CONTENTS[fi]="Pohjoismaiden väestö";
UNITS="Number of persons";
UNITS[fi]="Henkilöitä";
STUB="Country","Age group";
STUB[fi]="Valtio","Ikäryhmä";
    
```

PX Unicode ☒ Colour codes Print.. Save..

Close

Multilingual table with rich metadata

	A	B	C	D	E	F	G	H	I	J	K
1	Nordic population	en,fi									
2	Sex					M			W		
3	Sex					Men			Women		
4	Sex					Miehiä			Naisia		
5	Year					2016	2017	2018	2016	2017	2018
6	Country	Country	Country	Age group	Age group						
7	DK	Denmark	Tanska	0-49 years	0-49 vuotta	1796142	1797549	1796712	1734580	1734489	1734196
8				50- years	50- vuotta	1041745	1062629	1079761	1134784	1154102	1170521
9	FI	Finland	Suomi	0-49 years	0-49 vuotta	1662827	1661692	1657123	1587107	1581760	1574903
10				50- years	50- vuotta	1038663	1050635	1062008	..	1529408	1219096
11	IS	Iceland	Islanti	0-49 years	0-49 vuotta	115158	117546	122579	110587	111463	113784
12				50- years	50- vuotta	52112	53487	55021	54672	55853	57066
13	NO	Norway	Norja	0-49 years	0-49 vuotta	1750142	1755291	1755803	1655932	1660434	1662487
14				50- years	50- vuotta	874969	893839	912568	932942	948753	964761
15	SE	Sweden	Ruotsi	0-49 years	0-49 vuotta	3137016	3188062	3227842	2983468	3019710	3051633
16				50- years	50- vuotta	1793950	1825285	1854820	1936583	1962096	1985947
17											
18											
19	languagecode	en	fi	en	en	fi	en	en	fi	fi	
20	variablename			Age group	Year	Ikäryhmä	Country	Country	Valtio	Valtio	
21	valuetext						Denmark	Finland	Tanska	Suomi	
22	STUB	Country, Age group	Valtio, Ikäryhmä								
23	HEADING	Sex, Year	Sukupuoli, Vuosi								
24	MATRIX	CITI01									
25	SUBJECT-CODE	VRM									
26	SUBJECT-AREA	Population	Väestö								
27	COPYRIGHT	YES									
28	DESCRIPTION	Nordic population d	Pohjoismaiden väestö -demo								
29	CONTENTS	Nordic population	Pohjoismaiden väestö								
30	UNITS	Number of persons	Henkilöitä								
31	CONTACT	nordicstatistics@statisticon.org									
32	SOURCE	National statistical i	pohjoismaiset tilastovirastot								
33	NOTE	Population as of 1 Ja	väestö 1. tammikuuta								
34	TIMEVAL			A							
35	NOTE			Halfway grouped		Kahtia jaettu					
36	VALUENOTE						excluding G	excluding ei sisällä	ei sisällä A		

[1] Nordic population by Country, Age group, Sex and Year

Variable: Country en

Keywords Meta part View Select Sort Edit Add Anonymise

VALUES("Year")="2016","2017","2018";
VALUES["Vuosi"]="2016","2017","2018";

TIMEVAL("Year")=TLIST(A1),"2016","2017","2018";
TIMEVAL["Vuosi"]=TLIST(A1),"2016","2017","2018";

CODES("Country")="DK","FI","IS","NO","SE";
CODES["Valtio"]="DK","FI","IS","NO","SE";

CODES("Sex")="M","W";
CODES["Sukupuoli"]="M","W";

CODES("Year")="2016","2017","2018";
CODES["Vuosi"]="2016","2017","2018";

CONTACT="nordicstatistics@statisticon.org";
CONTACT["nordicstatistics@statisticon.org"];

SOURCE="National statistical institutes.";
SOURCE["pohjoismaiset tilastovirastot"];

NOTE="Population as of 1 January";
NOTE["väestö 1. tammikuuta"];

NOTE("Age group")="Halfway grouped";
NOTE["Ikäryhmä"]="Kahtia jaettu";

VALUENOTE("Country","Denmark")="excluding Greenland and Faroe Islands";
VALUENOTE["Valtio","Tanska"]="ei sisällä Färsaaria eikä Grönlantia";

VALUENOTE("Country","Finland")="excluding Åland Islands";
VALUENOTE["Valtio","Suomi"]="ei sisällä Ahvenanmaata";

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Save..

Close

Miscellaneous

Structural files

- The same structural format works for files as well
 - there has to be a consistent **field separator** character: either semicolon, tabulator or comma
- The files can be arbitrarily **large**
- There are special options for rare occasions
 - adding cell-specific information
 - handling legacy sequential files
 - fixed record lengths without variable names (mainframe era)

PxJob specialities

- PxJob uses **control files** for metadata injection
- Control files are plain `CSV` files which have the **same** syntax as keyword blocks
- There are a couple of extra controls for metadata handling
 - `filename` for file- or directory tree filtering (wildcards `?*` accepted)
 - `replacetext` for metadata changes (wildcards `?*` accepted)
 - setting `~` (tilde) for the new value for a keyword will remove it

Tips

- If the Excel connection is not working
 - the table can be copied via **clipboard** (without cell comments, though)
 - the table can be saved as a `csv` file and then read to PxEdit
 - these approaches work with other spreadsheet applications (e.g. *LibreOffice*)
- Opening a px file and saving it as a structural table helps when studying the format details
 - see *Settings|Structural table* and *File|Save to|PxJob-CSV*
- It is possible to include cell-specific keywords and/or hierarchy information in the structural table, too