

Improved URLs in PX-Web

PX-MEETING, BILBAO, 23 OCTOBER 2018



Statistisk sentralbyrå
Statistics Norway

Improved URLs

- Removed RXID
 - Looks cleaner
 - Search engine optimization (SEO)
 - Avoid having multiple addresses for the same page
 - Can also be achieved with Canonical Urls

```
https://i.ssb.no/pxwebi/pxweb/no/prod_24v_intern/START__p  
p__pp04__kpi/KPI/?rxid=f45f90b6-7345-4877-ba25-  
9b43e6c6e299
```

```
<html>  
<head>  
  <title>...</title>  
  <link rel="canonical"  
href="https://i.ssb.no/pxwebi/pxweb/no/prod_24v_intern/START__pp__pp04__kpi/KPI/" />
```



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`https://i.ssb.no/pxwebi/pxweb/no/prod_24v_intern/START__p
p__pp04__kpi/KPI/?rxid=f45f90b6-7345-4877-ba25-
9b43e6c6e299`

- Replaced them with the built-in SessionID

- Invisible for the user
- Higher ranking on search engines
- DOES NOT WORK: You can't work with tables in different browser-tabs
- But it will... ;-)

`https://i.ssb.no/pxwebi/pxweb/no/prod_24v_intern/START__p
p__pp04__kpi/KPI/`



Improved URLs

- Shorter URLs
 - Looks even better
 - Can be remembered

<https://www.ssb.no/en/statbank/table/03013>



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Consumer price index



03013: Consumer Price Index, by consumption group (2015=100) 1979M01 - 2018M09

Choose variables

About table

Marking tips

contents * ✓ - + ↓ ↑ i Total 4 Selected 0 Consumer Price Index (2015=100) Monthly change (per cent) 12-month rate (per cent) Consumer Price Index (weights) Search <input type="text"/> <input checked="" type="checkbox"/> Beginning of word	consumption group All-item index ✓ - + ↓ ↑ i Total 1 Selected 0 TOTAL All-item index Search <input type="text"/> <input checked="" type="checkbox"/> Beginning of word	month * ✓ - + ↓ ↑ i Total 477 Selected 0 2018M09 2018M08 2018M07 2018M06 2018M05 2018M04 2018M03 2018M02 Search <input type="text"/> <input checked="" type="checkbox"/> Beginning of word
--	---	---

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[Home](#) > StatBank Norway

<https://www.ssb.no/en/statbank/>

StatBank contains detailed tables with time series. You can create your own selections and save these in different file formats. We also offer an API for Statistikkbanken.

StatBank is updated at 05:00 and 11:30 (CET), during which time the tables are temporarily unavailable for up to five minutes. Figures which are being revised emerge as '0' or ':' between 05:00 and 08:00.

Choose topic and table

[Open data with API](#)

[How to use StatBank Norway](#)

[Changes to tables in Statbank](#)

+ Agriculture, forestry, hunting and fishing

+ Banking and financial markets

+ Construction, housing and property

+ Culture and recreation

+ Education

+ Elections

+ Energy and manufacturing

+ Establishments, enterprises and accounts

+ External economy

+ Health

+ Immigration and immigrants

+ Income and consumption

+ Labour market and earnings

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<https://www.ssb.no/en/statbank/list/kpi>



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Consumer price index



Monthly figures (base year 2015)

03013	Consumer Price Index, by consumption group (2015=100)	1979M01 - 2018M09
11117	Consumer Price Index for goods and services, by delivery sectors (2015=100)	2015M01 - 2018M09
05327	CPI-AT and CPI-ATE, by consumption group. CPI-AE and CPI-AEL (2015=100)	1995M01 - 2018M09
11119	CPI-AT and CPI-ATE for goods and services, by delivery sectors (2015=100)	2015M01 - 2018M09
06444	CPI and CPI-ATE seasonal adjusted (2015=100)	1985M01 - 2018M09
08981	Consumer Price Index, by month (2015=100)	1920 - 2018
08183	Consumer Price Index (2015=100)	1920M03 - 2018M09

Yearly figures (base year 2015)

03014	Consumer Price Index, by consumption group (2015=100)	1979 - 2017
11118	Consumer Price Index for goods and services, by delivery sectors (2015=100)	2015 - 2017

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<https://www.ssb.no/en/statbank/table/03013/tableViewLayout1/>

The screenshot shows the Statistics Norway website. The header includes the logo and name 'Statistisk sentralbyrå Statistics Norway', navigation links for 'NORSK', 'COOKIES AND PRIVACY', 'KEYWORDS A-Z', and 'CONTACT US', a search bar, and a main navigation menu with 'STATISTICS', 'RESEARCH', 'DATA COLLECTION', 'ABOUT STATISTICS NORWAY', and 'MY PAGE'. The breadcrumb trail is 'Home > Prices and price indices > Consumer price index'. The URL bar shows the full URL. The page title is 'Consumer price index'. A progress indicator shows three steps: '1 Choose table', '2 Choose variables', and '3 Show table', with the third step being active. The main heading is 'Consumer Price Index, by consumption group, contents and month'. Below this are tabs for 'Show table' and 'About table'. There are three dropdown menus: 'Edit and Calculate', 'Save table as', and 'Show table'. Below these are icons for table settings and saving the query. A warning message states: 'The table has been cropped, and a maximum of 1000 rows and 30 columns is displayed on screen. Use the scroll bar to see more columns. It is also possible to rotate the table or download it as file, to see the intire table. You can also choose fewer time periods and variables to get a smaller table.' The table itself is titled 'Consumer Price Index (2015=100)' and has columns for months from 2018M01 to 2018M03. The first row of data shows values: 08.5, 109.3, 108.9, 109.5, -0.1, 0.9, 0.3.

Home > Prices and price indices > Consumer price index

Print

[Download figures for these statistics](#) | [Select other tables](#)

Consumer price index

1 Choose table 2 Choose variables 3 Show table

Consumer Price Index, by consumption group, contents and month

Show table About table

Edit and Calculate Save table as Show table

+ Table settings

+ Save your query

⚠ The table has been cropped, and a maximum of 1000 rows and 30 columns is displayed on screen. Use the scroll bar to see more columns. It is also possible to rotate the table or download it as file, to see the intire table. You can also choose fewer time periods and variables to get a smaller table.

Consumer Price Index (2015=100)												
	2018M01	2018M02	2018M03	2018M04	2018M05	2018M06	2018M07	2018M08	2018M09	2018M01	2018M02	2018M03
	08.5	109.3	108.9	109.5	-0.1	0.9	0.3					

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<https://www.ssb.no/en/statbank/sq/10012905/>

The screenshot shows the Statistics Norway website with the URL <https://www.ssb.no/en/statbank/sq/10012905/> highlighted in a green box. The page title is "Consumer price index". Below the title is a navigation bar with three steps: 1. Choose table, 2. Choose variables, and 3. Show table. The "Show table" step is currently selected. The main content area is titled "Consumer Price Index, by consumption group, contents and month". It features a "Show table" button and an "About table" tab. Below these are three dropdown menus: "Edit and Calculate", "Save table as", and "Show table". There are also icons for table settings and saving the query. A warning message states: "The table has been cropped, and a maximum of 1000 rows and 30 columns is displayed on screen. Use the scroll bar to see more columns. It is also possible to rotate the table or download it as file, to see the intire table. You can also choose fewer time periods and variables to get a smaller table." The table itself is titled "Consumer Price Index (2015=100)" and has columns for years and months (2018M01 to 2018M03).

Home > Prices and price indices > Consumer price index

Print

See main figures for these statistics | Select other tables

1 Choose table 2 Choose variables 3 Show table

Consumer Price Index, by consumption group, contents and month

Show table About table

Edit and Calculate Save table as Show table

+ Table settings

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Consumer Price Index (2015=100)												
	2018M01	2018M02	2018M03	2018M04	2018M05	2018M06	2018M07	2018M08	2018M09	2018M01	2018M02	2018M03
	08.5	109.3	108.9	109.5	-0.1	0.9	0.3					

Improved URLs

- Shorter URLs
 - Looks even better
 - Can be remembered
- Possibility to create customized URLs
 - new interfaces IRouteExtender and IPxUrl
 - we are using PCAxis.Routing.SSB
 - unfortunately there is no PCAxis.Routing.Default

```
<configuration>
  <appSettings>
    <add key="RouteExtender" value="PCAxis.Routing.SSB.RouteExtender,
PCAxis.Routing.SSB" />
```

```
public interface IRouteExtender
{
    ICacheService MetaCacheService { get; set; }
    string HomeSitePage { get; set; }
    string SitePathStart { get; }
    string DefaultRedirectPage { get; set; }
    SqlDbConfig Db { get; set; }
    string GetPresentationRedirectUrl(string tableId, string presentationLayout);
    void AddSavedQueryRoute(RouteCollection routes);
    void RegisterCustomRoutes(RouteCollection routes);
    string GetDatabase();
    bool ShowBreadcrumb();
    LinkManager.LinkMethod CreateLink { get; }
    IPxUrlProvider PxUrlProvider { get; }
    string GetTableListPath(string path);
    string GetLastNodeFromPath(string path);
    void RedirectMenuRoutePath(string language, string tableListName);
    string GetSavedQueryPath(string language, string queryId);
    string GetTableIdByName(string tablename);
    string GetLanguageFromUri(Uri uri);
    bool DoesSelectionPathContainTableName(System.Web.UI.Page page);
    bool HasTableData(string tableId);
    string GetRedirectNoDataPath(string tableId);
}
```



Thank you!

