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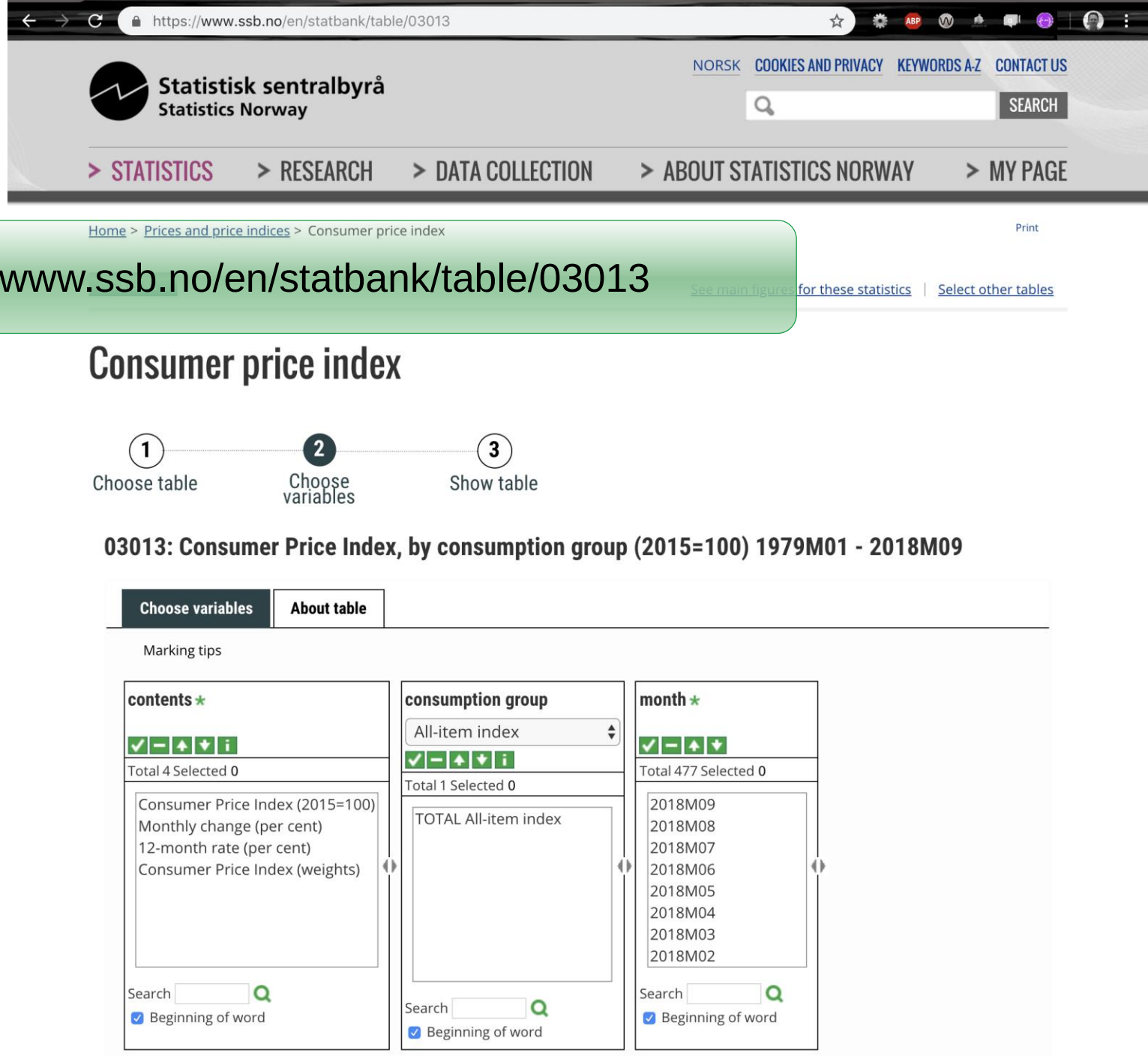
- Replaced them with the built-in SessionID
  - Invisible for the user
  - Higher ranking on search engines
  - DOES NOT WORK: You can't work with tables in different browser-tabs
  - But it will… ;-)

https://i.ssb.no/pxwebi/pxweb/no/prod_24v_intern/START__pp__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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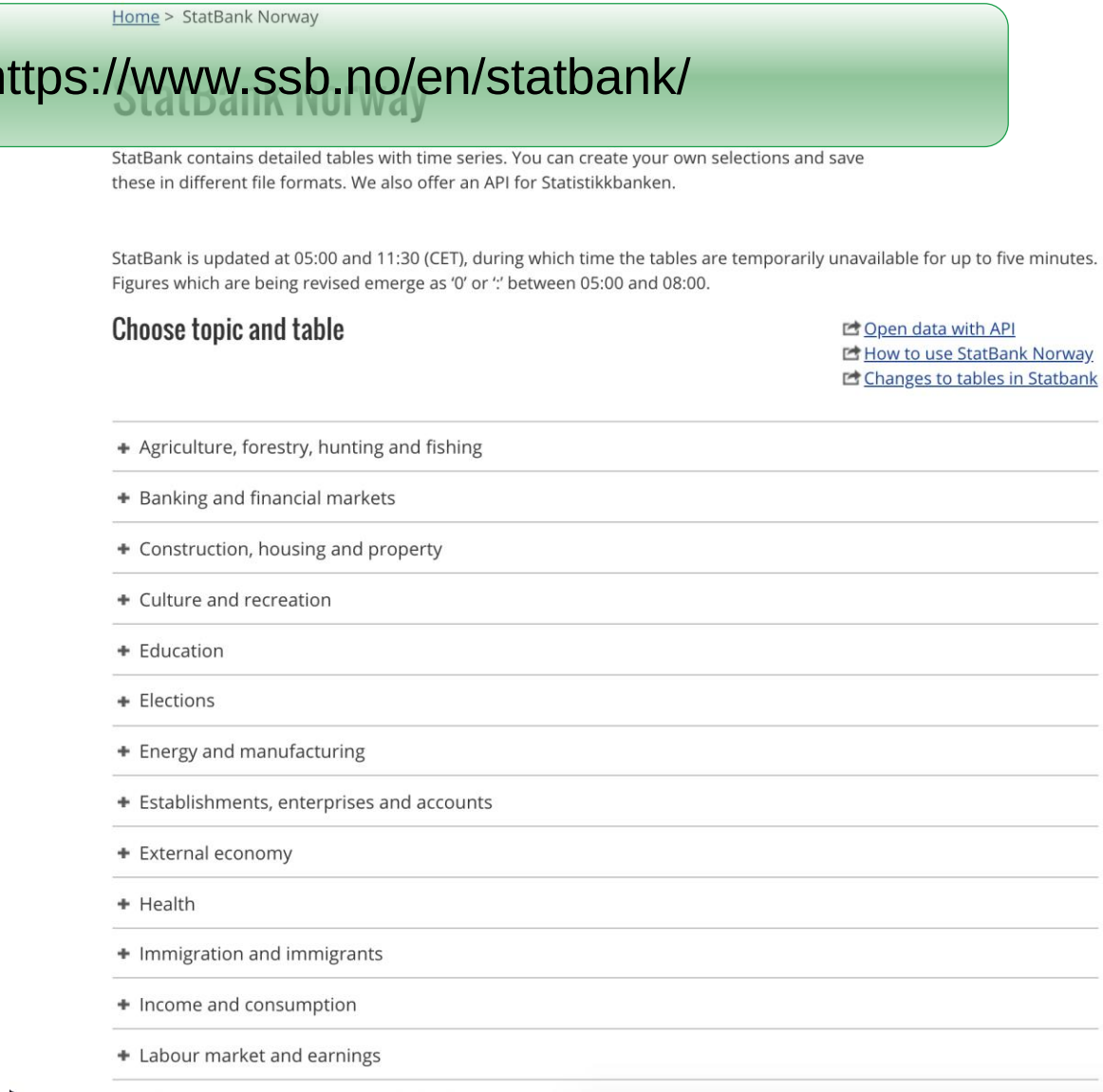
https://www.ssb.no/en/statbank/



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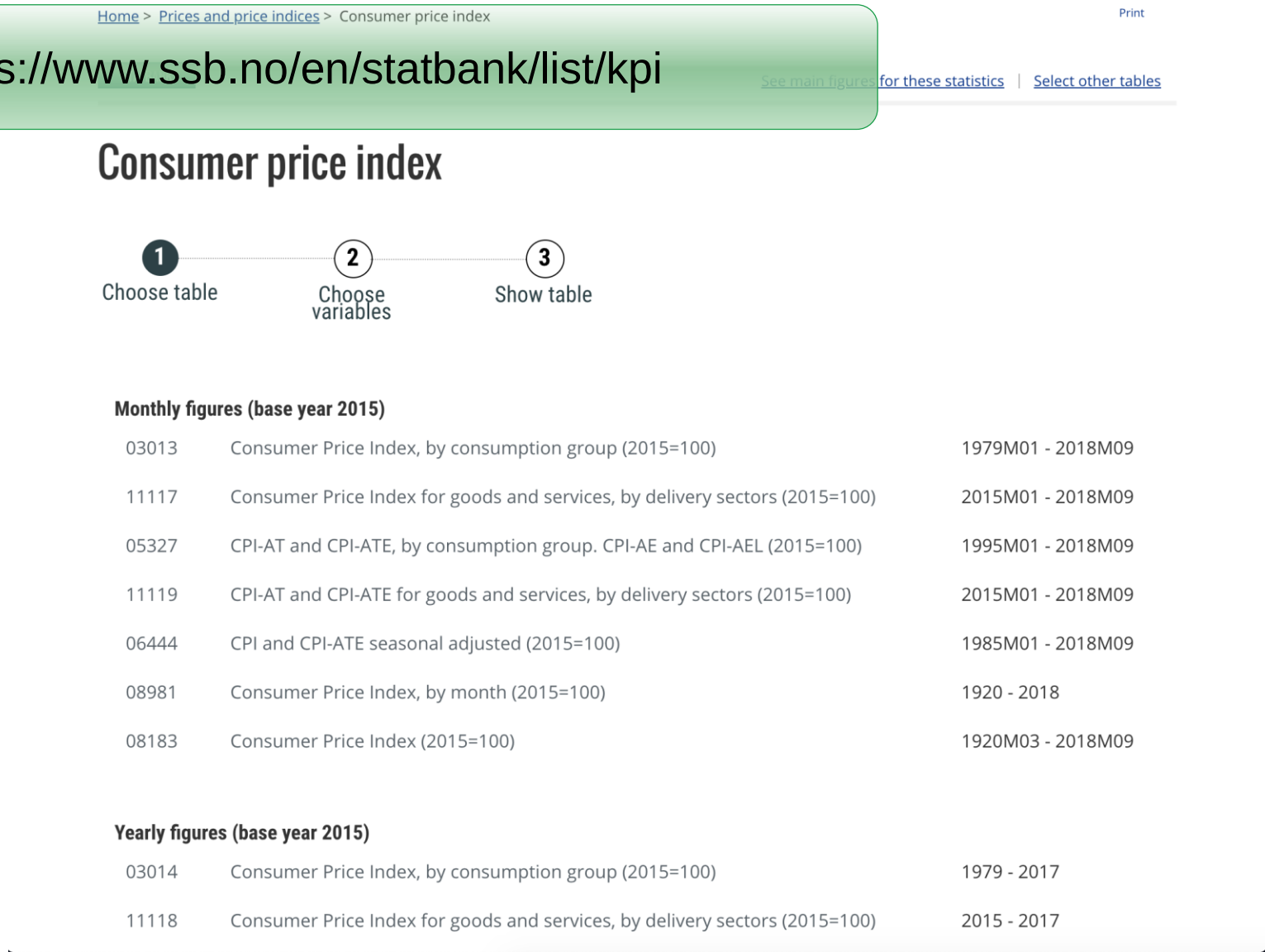
https://www.ssb.no/en/statbank/list/kpi



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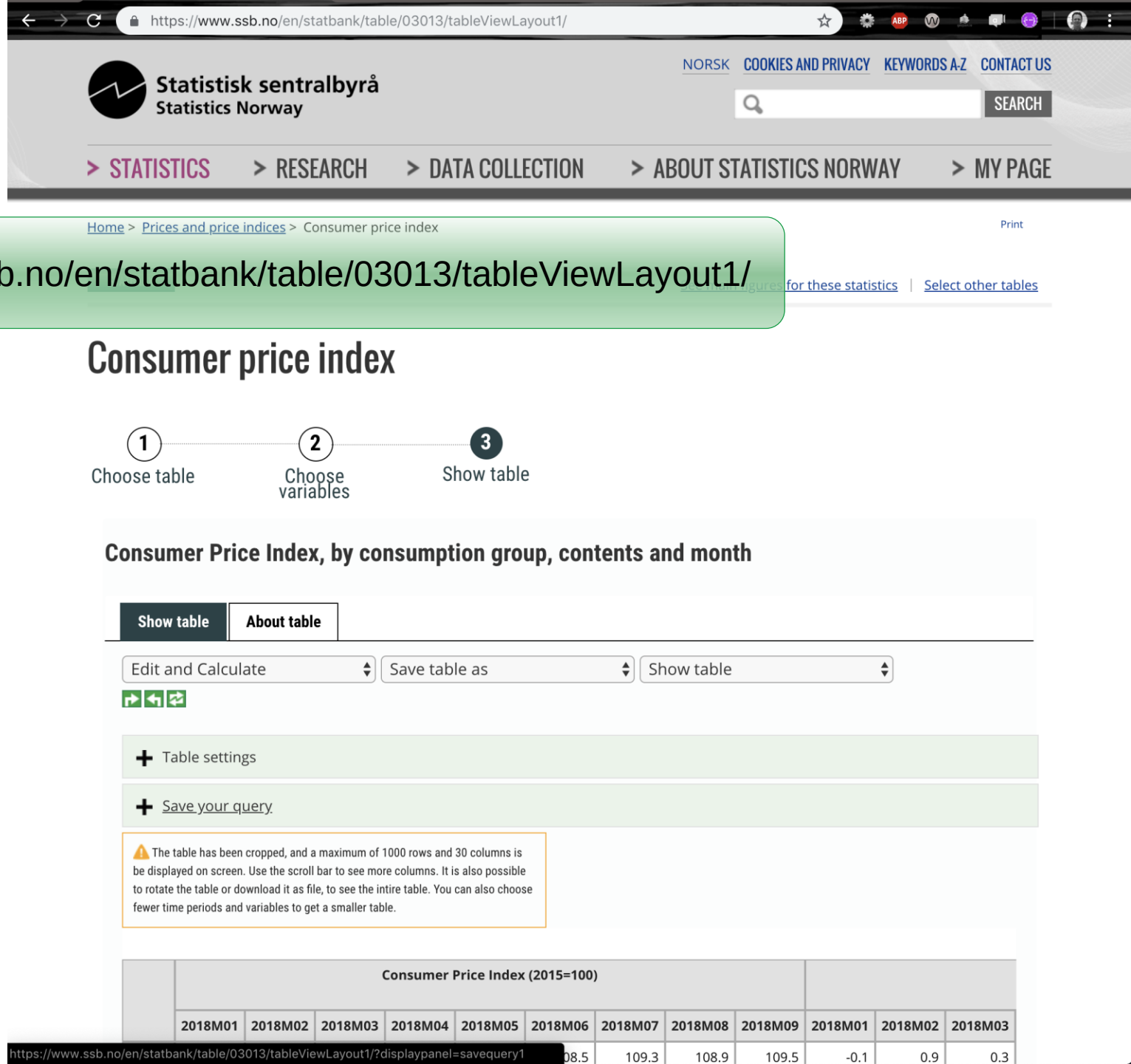
https://www.ssb.no/en/statbank/table/03013/tableViewLayout1/



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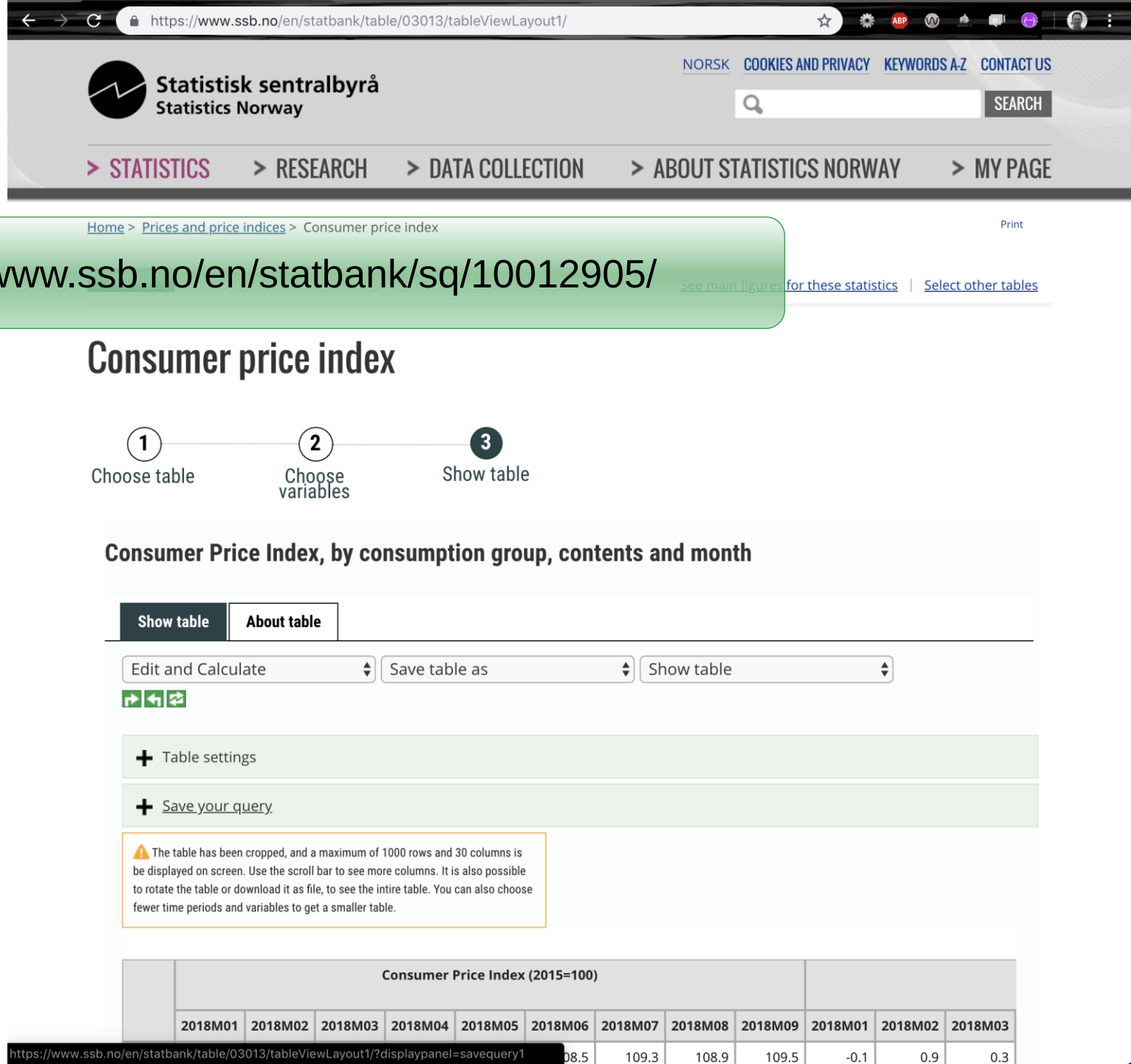
https://www.ssb.no/en/statbank/sq/10012905/



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

```
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);
 }
```

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

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Thank you!

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