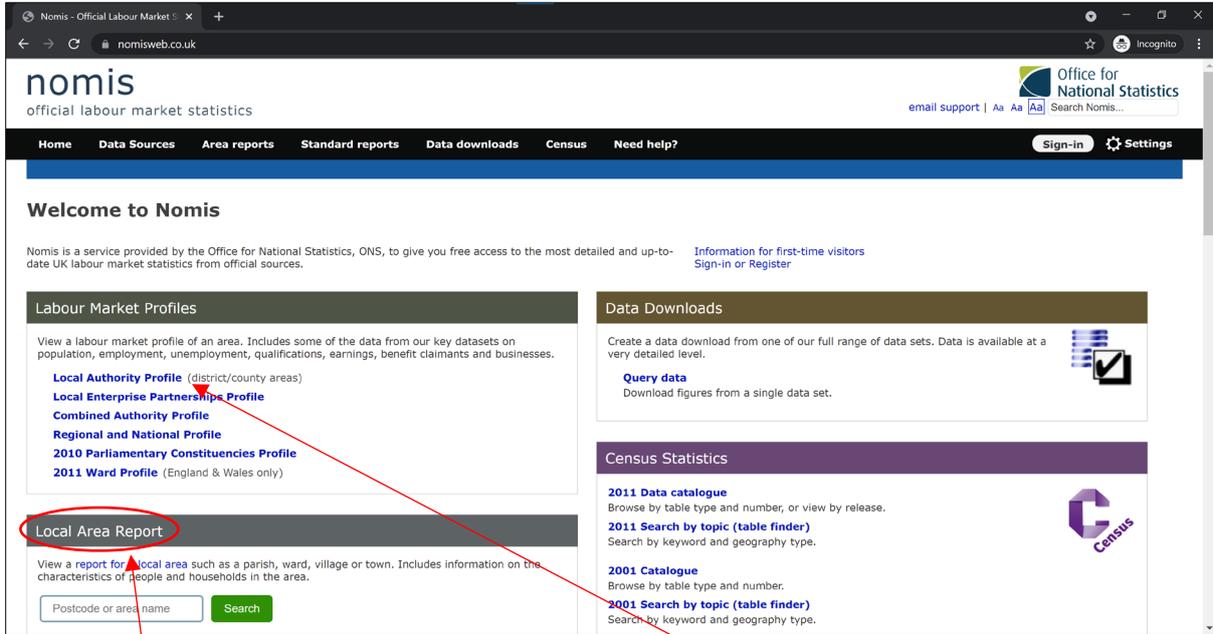


# Nomis

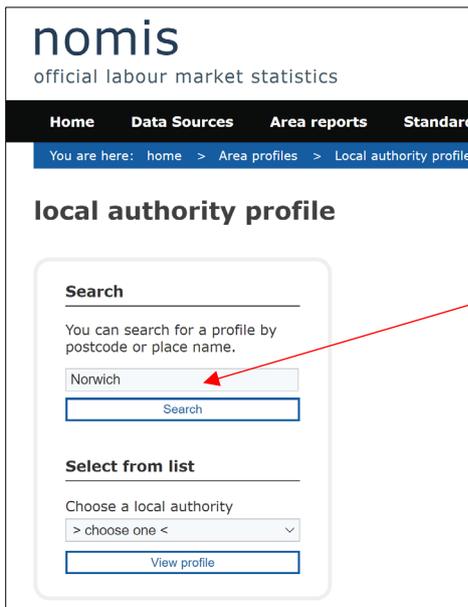
Nomis is a great tool for finding your way around labour market data in Great Britain<sup>1</sup>. To explore nomis, go to the website – [www.nomisweb.co.uk](http://www.nomisweb.co.uk)



The easiest first step, is to search for a **profile of your local area**.

The Local Area Report will take you to information contained in the census. This can be useful for understanding the demographic characteristics of your local area.

Otherwise, you can choose the local profile that best fits your needs, for example Local Authority.



When you click on this, you can type the name of the local area if you're not sure of the exact name.

<sup>1</sup> NOTE: go to <https://www.ninis2.nisra.gov.uk/public/Home.aspx> for Northern Ireland's labour market data

You will then get options to choose from. Let's look at the first one, which is Norwich's local council.

### local authority profile

**Search**

You can search for a profile by postcode or place name.

**Search Results**

Returned the following matches for your search:

**match**

- Norwich (LA)
- Norwich (LA)
- Norwich (place)
- Norwich (place)

**Select from list**

Choose a local authority

> choose one <

**local authority (LA)**

- ▶ Norwich
- ▶ Norfolk
- ▶ Norfolk
- ▶ Norwich

First, you will find the contents of what is on the page, and a map.

**nomis**  
official labour market statistics

Office for National Statistics  
email support | Aa Aa Search Nomis...

Home Data Sources Area reports Standard reports Data downloads Census Need help?
Sign-in Settings

You are here: home > Area profiles > Local authority profile > Norwich

**local authority profile**

**Search**

You can search for a profile by postcode or place name.

**Labour Market Profile - Norwich**

The profile brings together data from several sources. Details about these and related terminology are given in the definitions section.

All figures are the most recent available.

- ▶ Resident population
- ▶ Employment and unemployment
- ▶ Economic inactivity
- ▶ Workless households
- ▶ Employment by occupation
- ▶ Qualifications
- ▶ Earnings by place of residence
- ▶ Out-of-work benefits
- ▶ Jobs (total jobs / employee jobs)
- ▶ Civil Service jobs
- ▶ Businesses

Compare other areas Print PDF Email report

When you scroll, you will see that you can compare information in each section to other areas. This is automatically set to help you compare to your local region, and the country as a whole.

- ▶ Civil Service jobs
- ▶ Businesses

## Resident Population

**Total population (2020)**

|            | Norwich<br>(Numbers) | East<br>(Numbers) | Great Britain<br>(Numbers) |
|------------|----------------------|-------------------|----------------------------|
| All People | 142,200              | 6,269,200         | 65,185,700                 |
| Males      | 71,100               | 3,089,400         | 32,211,600                 |
| Females    | 71,100               | 3,179,700         | 32,974,200                 |

Source: ONS Population estimates - local authority based by five year age band

[view time-series](#)
[compare other areas](#)
[download \(xls\)](#)
[query dataset...](#)

You will then see all of the different topics, and the sources of the data.

**Labour Supply**

**Employment and unemployment (Apr 2020-Mar 2021)**

|                           | Norwich<br>(Numbers) | Norwich<br>(%) | East<br>(%) | Great Britain<br>(%) |
|---------------------------|----------------------|----------------|-------------|----------------------|
| <b>All People</b>         |                      |                |             |                      |
| Economically Active†      | 82,600               | 82.3           | 80.5        | 78.7                 |
| In Employment†            | 78,200               | 77.7           | 76.9        | 74.8                 |
| Employee‡                 | 72,100               | 72.0           | 66.6        | 65.0                 |
| Self Employed‡            | #                    | #              | 10.1        | 9.6                  |
| Unemployed (Model-Based)§ | 3,900                | 4.7            | 4.3         | 4.9                  |
| <b>Males</b>              |                      |                |             |                      |
| Economically Active†      | 45,000               | 86.8           | 84.8        | 82.4                 |
| In Employment†            | 41,600               | 79.9           | 81.5        | 78.0                 |
| Employee‡                 | 37,900               | 72.5           | 68.3        | 65.5                 |
| Self Employed‡            | #                    | #              | 13.0        | 12.2                 |
| Unemployed§               | #                    | #              | 3.8         | 5.2                  |
| <b>Females</b>            |                      |                |             |                      |
| Economically Active†      | 37,600               | 77.5           | 76.3        | 75.1                 |
| In Employment†            | 36,600               | 75.4           | 72.4        | 71.6                 |
| Employee‡                 | 34,200               | 71.5           | 65.0        | 64.5                 |
| Self Employed‡            | #                    | !              | 7.1         | 6.9                  |
| Unemployed§               | !                    | !              | 4.9         | 4.5                  |

Source: ONS annual population survey  
 # Sample size too small for reliable estimate (see definitions)  
 ! Estimate is not available since sample size is disclosive (see definitions)  
 † - numbers are for those aged 16 and over, % are for those aged 16-64  
 ‡ - numbers and % are for those aged 16 and over. % is a proportion of economically active  
 § - numbers and % are for those aged 16 and over. % is a proportion of economically active

[view time-series](#)   [compare other areas](#)   [query dataset...](#)

## Task:

Try to find your local area. Have a look at how it compares to the region and the country.

Another great tool in nomis is the **table builder**. Let's look at how you can build on the local reports to create your own bespoke tables.

If you click on 'query dataset', you will be taken a tool to build your own table.

| Females              |        |      |      |      |
|----------------------|--------|------|------|------|
| Economically Active† | 37,600 | 77.5 | 76.3 | 75.1 |
| In Employment†       | 36,600 | 75.4 | 72.4 | 71.6 |
| Employees†           | 34,200 | 71.5 | 65.0 | 64.5 |
| Self Employed†       | #      | !    | 7.1  | 6.9  |
| Unemployed§          | !      | !    | 4.9  | 4.5  |

Source: ONS annual population survey  
 # Sample size too small for reliable estimate (see definitions)  
 ! Estimate is not available since sample size is disclosive (see definitions)  
 † - numbers are for those aged 16 and over, % are for those aged 16-64  
 § - numbers and % are for those aged 16 and over. % is a proportion of economically active

[view time-series](#)  
 [compare other areas](#)  
 [query dataset...](#)

annual population survey [Change dataset](#)  
 (percentages) [Change analysis](#)

by-step

**Summary of selections**

[Begin first step of guidance](#)

This is a summary of the selections you have made so far

**Getting started...**

Click the **Begin** button to start making selections

[Got it](#)

[Turn tips off](#)

ns:

ctions

Turn tips off

them then click

r to April 2015)

Norwich

country

Tick to select columns

Great Britain

When you first start working with nomis, you will see many helpful tip boxes. It can be useful to work with these, but let's look at the page it directs you to first.

You can see that the geographical areas are the same ones that were on the area profile page.

You are here: [Data downloads](#) > [Query](#) > [annual population survey](#) > [Summary of selections](#)

**annual population survey** [Change dataset](#)  
 analysis: variables (percentages) [Change analysis](#)

Guide me step-by-step

**Make selections:**

[Geography](#)

[Date](#)

[Variable](#)

**Review selections:**

[Summary Of Selections](#)

**Get your data:**

[Format / Layout](#)

[Download Data](#)

**Summary of selections**

[Begin first step of guidance](#)

This is a summary of the selections you have made so far

**Summary Of Selections**

Remove selections, or change their order by dragging them then click the save button to keep changes. To undo changes made, move on to any another page.

Geography

local authority: district / unitary (prior to April 2015) ↓

Tick to select columns

Norwich ↓

country

Tick to select columns

Great Britain

region ↓

Tick to select columns

East ↓

Date Mar 2021 (latest data) (default)

Variable This needs to be selected

[Save changes to selections](#)

The date, too, defaults to the most recent release. You can change these but let's just leave them as they are and edit the one part that needs attention: variable.

The screenshot shows a configuration panel with the following elements:

- country:** Norwich (checked)
- country:** Tick to select columns (checked)
- Great Britain:** (checked)
- region:** (input field)
- region:** Tick to select columns (checked)
- East:** (checked)
- Date:** Mar 2021 (latest data) default (highlighted with a red box)
- Variable:** This needs to be selected (highlighted with a red oval)
- Save changes to selections:** (button)

Again, when you click 'Variable', this will take you to the selection you had been looking at on the area profile page, in this case it was labour supply. You can select which items you want to put into your table by clicking in the boxes of the ones you want.

The screenshot shows the 'Step 3 of 5 - variable selection' page with the following elements:

- Navigation:** < Back, Next >
- Instruction:** Use the drop-down selection list to choose the subject category.
- Variable:** select from list, clear or select all, user defined, Search variable, Search
- Select From List:**
  - These variables are a subset of the full range of data, which can be accessed by changing the analysis to individual cells.
  - Category: Key variables (dropdown), tick all, un-tick all
  - List of variables with checkboxes:
    - Economic activity rate - aged 16-64
    - Employment rate - aged 16-64
    - % aged 16-64 who are employees
    - % aged 16-64 who are self employed
    - Unemployment rate - aged 16-64
    - Unemployment rate - aged 16+
    - % who are economically inactive - aged 16-64
    - % of economically inactive who want a job
    - % of economically inactive who do not want a job
    - Economic activity rate males - aged 16-64
    - Employment rate males - aged 16-64
    - % of males aged 16-64 who are employees
    - % of males aged 16-64 who are self employed
    - Unemployment rate males - aged 16-64
    - Unemployment rate males - aged 16+
    - % of males who are economically inactive - aged 16-64
    - % of economically inactive males who want a job
    - % of economically inactive males who do not want a job
    - Economic activity rate females - aged 16-64

However, you can also change the topic by clicking on the dropdown box.

The screenshot shows the 'Select From List' page with the 'Key variables' dropdown menu open, displaying a list of alternative variables:

- Econom...
- Employ Country of birth by white/ethnic minority
- % aged
- % aged Disability (Equality Act) core level by economic activity (new)
- Unempli Disability (Disability Discrimination Act) level by economic activity (discontinued)
- Unempli
- % who Economic activity of those with health conditions or illnesses lasting more than 12 months
- % of ec
- % of ec Economic activity of those with health problems lasting more than 12 months (discontinued)
- Econom Economic activity of those aged 18-24 and 18-64
- Employ Economic activity rate by age
- % of m
- % of m Economically inactive by age
- Unempli Economically inactive by reason
- Unempli
- % of m Employment rate by age
- % of ec
- % of ec Ethnic group by age
- Econom Ethnic group by economic activity

For example, let's look at weekly hours worked.

If you click the 'tick all' box, this saves time. It can also be useful to have all the data to start with when you first start building tables.

Now that all the selections have been made, we need to check the format for download. The default is normally Excel.

You can then choose Download Data to get the file.

**TOP TIP:**  
You can always use this navigation bar to edit your table.

You will need to confirm that you want to download the Excel file. Then you can open it from your downloads folder (or wherever you set downloads to go!).

Here's what the spreadsheet looks like.

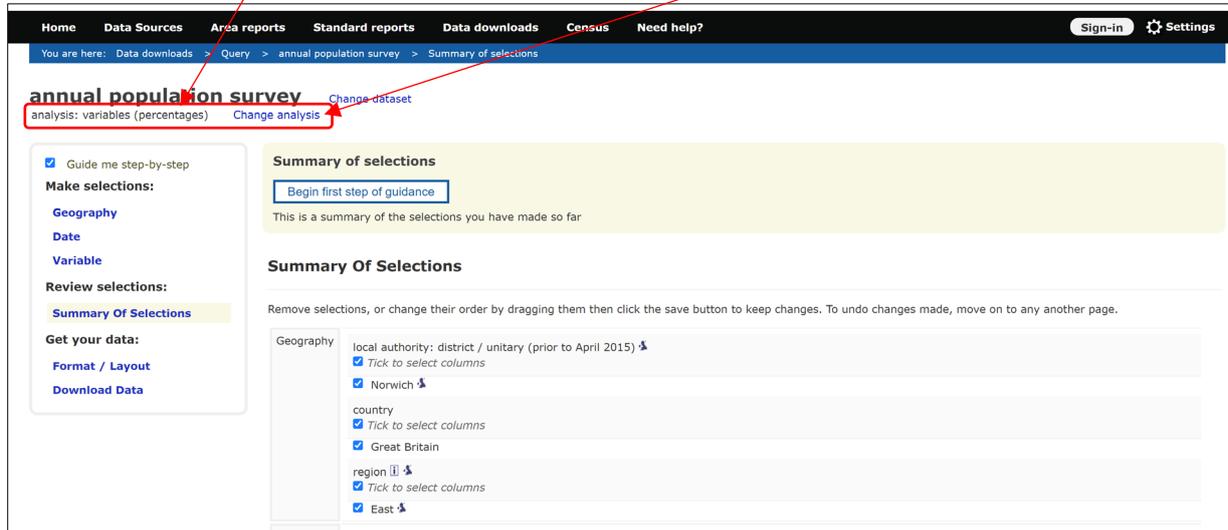
| Variable                            | ualad09:Norwich |             |         |      | country:Great Britain |             |         |      | gor:East  |             |         |      |
|-------------------------------------|-----------------|-------------|---------|------|-----------------------|-------------|---------|------|-----------|-------------|---------|------|
|                                     | numerator       | denominator | percent | conf | numerator             | denominator | percent | conf | numerator | denominator | percent | conf |
| % of all in employment who work     | !               | 75,900      | !       | !    | 845,800               | 30,623,100  | 2.8     | 0.1  | 87,800    | 2,994,200   | 2.9     | 0.4  |
| % of all in employment who work     | 21,400          | 75,900      | 28.2    | 8.9  | 8,109,200             | 30,623,100  | 26.5    | 0.3  | 781,200   | 2,994,200   | 26.1    | 1.0  |
| % of all in employment who work     | 41,800          | 75,900      | 55.0    | 9.8  | 15,195,900            | 30,623,100  | 49.6    | 0.3  | 1,465,300 | 2,994,200   | 48.9    | 1.2  |
| % of all in employment who work     | 12,000          | 75,900      | 15.9    | 7.2  | 6,472,200             | 30,623,100  | 21.1    | 0.3  | 659,800   | 2,994,200   | 22.0    | 1.0  |
| % of males in employment who work   | !               | 40,100      | !       | !    | 281,400               | 15,934,900  | 1.8     | 0.1  | 28,400    | 1,582,300   | 1.8     | 0.4  |
| % of males in employment who work   | 7,200           | 40,100      | 17.8    | 10.5 | 2,248,900             | 15,934,900  | 14.1    | 0.3  | 212,600   | 1,582,300   | 13.4    | 1.1  |
| % of males in employment who work   | 24,200          | 40,100      | 60.3    | 13.4 | 8,860,000             | 15,934,900  | 55.6    | 0.5  | 867,600   | 1,582,300   | 54.8    | 1.6  |
| % of males in employment who work   | 8,200           | 40,100      | 20.5    | 11.1 | 4,544,500             | 15,934,900  | 28.5    | 0.4  | 473,700   | 1,582,300   | 29.9    | 1.5  |
| % of females in employment who work | !               | 35,800      | !       | !    | 564,300               | 14,688,200  | 3.8     | 0.2  | 59,400    | 1,411,900   | 4.2     | 0.7  |
| % of females in employment who work | 14,200          | 35,800      | 39.8    | 14.0 | 5,860,300             | 14,688,200  | 39.9    | 0.5  | 568,600   | 1,411,900   | 40.3    | 1.6  |
| % of females in employment who work | 17,600          | 35,800      | 49.1    | 14.3 | 6,335,900             | 14,688,200  | 43.1    | 0.5  | 597,700   | 1,411,900   | 42.3    | 1.6  |
| % of females in employment who work | 3,800           | 35,800      | 10.6    | *    | 1,927,700             | 14,688,200  | 13.1    | 0.3  | 186,200   | 1,411,900   | 13.2    | 1.1  |

! Estimate and confidence interval not available since the group sample size is zero or disclosive (0-2).  
 \* Estimate and confidence interval unreliable since the group sample size is small (3-9).  
 The estimates for Northern Ireland released on 14 Sep 2021 have not had the non-response bias adjustment from the reweighting fully applied. Early indications suggest the impact on UK headline rate estimates would be less than 0.1 percentage point.

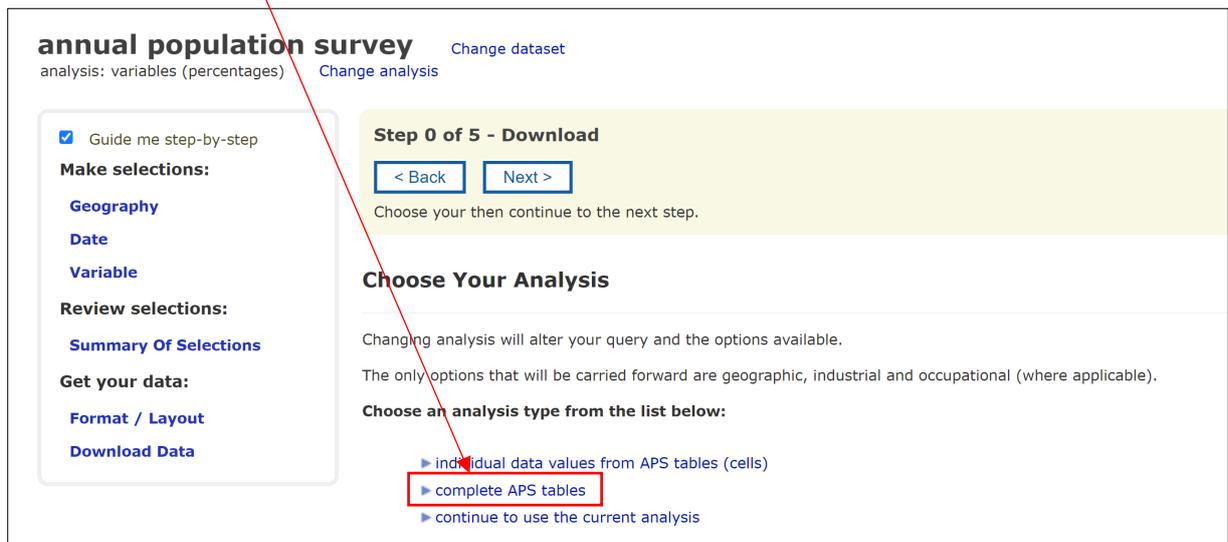
## Task:

Make your own table from one of the topics on your local area profile.

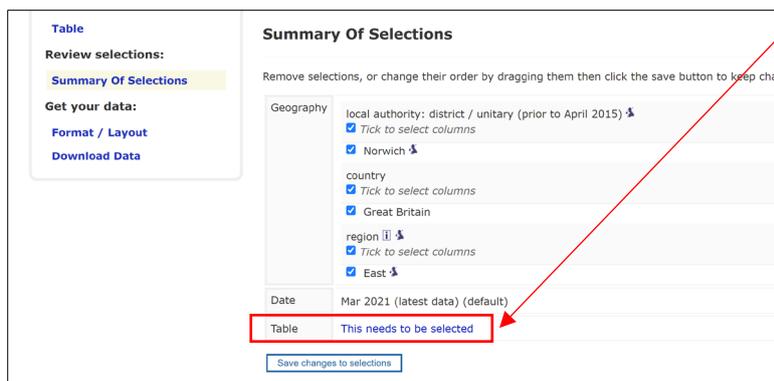
Let's look at another feature of nomis that relates to reports. We're going to work with the same data as in the previous section. If we go back to the original table creation page, we can see that we were working with percentages. Let's **change the analysis** by clicking here.



Let's make some tables that show the information in sections instead.



The process is the same as before. But, this time, you need to edit 'Table' instead of 'variable'



The name of the table is slightly different, too, so you need to check it is the correct topic. Instead of 'Hours worked weekly', it is 'Usual hours worked'.

**Table**

**Review selections:**

[Summary Of Selections](#)

**Get your data:**

[Format / Layout](#)

[Download Data](#)

**Table**

- Table T01 Economic activity by age [i](#)
- Table T02 Economic activity by disability (Disability Discrimination Act) 16-64 [i](#)
- Table T02a Economic activity by disability (Equality Act) 16-64
- Table T03a Economic activity of those with health problems lasting more than 12 months
- Table T03b Economic activity of those with health conditions or illnesses lasting more than 12 months
- Table T04 Economic activity by ethnic group and country of birth [i](#)
- Table T05 Economic activity by ethnic group and nationality [i](#)
- Table T06 Economic activity from age of 18 [i](#)
- Table T07a Economic inactivity [i](#)
- Table T08 Employment by age and full-time/part-time [i](#)
- Table T09a Employment by occupation (SOC2010) sub-major group and full-time/part-time [i](#)
- Table T10b Employment by occupation (SOC2010) and industry (SIC 2007) [i](#)
- Table T11a Employment by age and industry (SIC 2007) [i](#)
- Table T12a Employment by occupation (SOC2010) and flexibility [i](#)
- Table T13a Employment by industry (SIC 2007) and flexibility [i](#)
- Table T14a Employment by industry (SIC 2007) and ethnic group [i](#)
- Table T15a Employment by occupation (SOC2010) and ethnic group [i](#)
- Table T16a Second jobs by industry (SIC 2007) [i](#)
- Table T17 Usual hours worked [i](#)
- Table T18 Ethnicity by age [i](#)
- Table T19 Qualification by age - NVQ [i](#)
- Table T20 Qualification by age - GCSE [i](#)
- Table T22a Job related training (SIC 2007) [i](#)
- Table T23 Methods of jobsearch by age [i](#)
- Table T24 National Identity [i](#)
- Table T25 Welsh Language [i](#)
- Table T32 Employment by public/private sector [i](#)

You can get through the stages to check your format. This time, though, the format default is a .csv file. There is no option to change it. This will still open in Excel – don't worry!

**annual population survey** [Change dataset](#)

analysis: complete APS tables [Change analysis](#)

Guide me step-by-step

**Make selections:**

[Geography](#)

[Date](#)

[Table](#)

**Review selections:**

[Summary Of Selections](#)

**Get your data:**

[Format / Layout](#)

[Download Data](#)

**Step 5 of 5 - Download**

**Your data is ready for Download**

**Information**

[About this dataset](#)

**What next?**

- Start a new query with a different dataset

The new file shows the same data, but laid out differently. Now you can see each area has its own table of information. You may find this easier to read. It might also be simpler if you are only looking at one specific area.

|    | A           | B  | C     | D      | E | F | G | H | I | J | K | L | M | N |
|----|-------------|--|-------|--------|---|---|---|---|---|---|---|---|---|---|
| 1  | Dataset     | annual population survey   |       |        |   |   |   |   |   |   |   |   |   |   |
| 2  | Source      | : ONS Crown Copyright Reserved [from Nomis on October 11 2021]   |       |        |   |   |   |   |   |   |   |   |   |   |
| 3  |             |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 4  | Area Type   | local authorities: district / unitary (prior to April 2015)  |       |        |   |   |   |   |   |   |   |   |   |   |
| 5  | Area Name   | Norwich  |       |        |   |   |   |   |   |   |   |   |   |   |
| 6  | Date        | : Apr 2020-Mar 2021  |       |        |   |   |   |   |   |   |   |   |   |   |
| 7  |             |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 8  | Table:      | T17 Usual hours worked   |       |        |   |   |   |   |   |   |   |   |   |   |
| 9  |             |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 10 |             | All people   | Male  | Female |   |   |   |   |   |   |   |   |   |   |
| 11 |             |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 12 | Under 10    | !  | !     | !      |   |   |   |   |   |   |   |   |   |   |
| 13 | 10 to 34    | 21400  | 7200  | 14200  |   |   |   |   |   |   |   |   |   |   |
| 14 | 35 to 44    | 41800  | 24200 | 17600  |   |   |   |   |   |   |   |   |   |   |
| 15 | 45 hours p  | 12000  | 8200  | 3800   |   |   |   |   |   |   |   |   |   |   |
| 16 | All in empl | 75900  | 40100 | 35800  |   |   |   |   |   |   |   |   |   |   |
| 17 | All in empl | 76700  | 40900 | 35800  |   |   |   |   |   |   |   |   |   |   |
| 18 | Footnote:   |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 19 | 1.          | *Excludes people with hours not stated and those on college based schemes                              |       |        |   |   |   |   |   |   |   |   |   |   |
| 20 | 2.          | **Total of those with hours stated   |       |        |   |   |   |   |   |   |   |   |   |   |
| 21 |             |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 22 |             |  |       |        |   |   |   |   |   |   |   |   |   |   |
| 23 | -           | These figures are missing.   |       |        |   |   |   |   |   |   |   |   |   |   |
| 24 | !           | Estimate and confidence interval not available since the group sample size is zero or disclosive (0-2) |       |        |   |   |   |   |   |   |   |   |   |   |
| 25 | ~           | Estimate is less than 500  |       |        |   |   |   |   |   |   |   |   |   |   |
| 26 |             |  |       |        |   |   |   |   |   |   |   |   |   |   |

## Task

Go back to the table you created earlier. Try to change the analysis so that the format of the table is different.

There are other ways to build tables. Let's build one **direct from a data source**. From the Home page, go to Data Sources and choose Annual Population Survey / Labour Force Survey.

The screenshot shows the 'nomis' website interface. The 'Data Sources' menu is expanded, showing a list of datasets. 'Annual Population Survey/Labour Force Survey' is highlighted with a red box. Other visible options include 'Annual Civil Service Employment Survey', 'Annual Survey of Hours and Earnings', 'Business Register and Employment Survey', 'Census', 'Claimant Count', 'DWP Benefits', 'Jobs Density', 'Jobseekers Allowance', 'Life Events', 'Population Estimates/Projections', 'Regional Accounts', 'UK Business Counts', and 'Workforce Jobs'.

We're going to look at the workplace analysis. Click on this option.

The screenshot shows the 'Annual Population Survey/Labour Force Survey' page. A red arrow points from the text above to the 'annual population survey - workplace analysis' option, which is highlighted with a red box. The page lists several other survey options with brief descriptions.

The screenshot shows the dataset page for 'annual population survey - workplace analysis'. A red box highlights the 'Next release: 12 Oct 21' date. Another red box highlights the 'Query Data' button. A text box on the right says 'Here you can check when the next release will be'. A text box at the bottom says 'Click on Query Data to start building your table.' The 'Other information' section includes 'Coverage: United Kingdom', 'Units: Persons', and 'Analyses: Individual Data Values From APS Tables (Cells), Complete APS Tables, Variables (Percentages)'.

This will default to the type of analysis, we haven't met yet: cells. Remember, you can change this to percentage or table, but let's work with cells this time.

nomis official labour market statistics

Office for National Statistics  
email support | Aa Aa Search Nomis...

Home Data Sources Area reports Standard reports Data downloads Census Need help? Sign-in Settings

You are here: Data downloads > Query > annual population survey - workpl... > Summary of selections

**annual population survey - workplace analysis** [Change dataset](#)  
analysis: individual data values from APS tables (cells) [Change analysis](#)

Guide me step-by-step

**Make selections:**

**Geography**

Date

Cell

**Review selections:**

**Summary Of Selections**

**Get your data:**

Format / Layout

Download Data

**Summary of selections**

[Begin first step of guidance](#)

This is a summary of the selections you have made so far

**Summary Of Selections**

Below is a summary of your current selections:

Geography This needs to be selected

Date Mar 2021 (latest data) (default)

Cell This needs to be selected

Data availability

Figures are for Persons. Data are available for areas in United Kingdom between Jan 2004-Dec 2004 and Apr 2020-Mar 2021.

Release dates and revisions

We need to choose geography. This has not been automatically selected this time as we have not entered the table builder via a local area profile. There are many options to choose from. If you know the type of local authority your council is, you can click on the correct option.

Again, though, it can be simpler to just search for the place you want.

**annual population survey - workplace analysis** [Change dataset](#)  
analysis: individual data values from APS tables (cells) [Change analysis](#)

Guide me step-by-step

**Make selections:**

**Geography**

Date

Cell

**Review selections:**

**Summary Of Selections**

**Get your data:**

Format / Layout

Download Data

**Step 1 of 5 - geography selection**

You need make a selection for geography before you can continue to the next step.

< Back Next >

You can find areas by postcode or place name with the **Search** selection method.

**Geography** [select using list](#) [map](#) [select areas within](#) [load / save selections](#) [user defined](#) Postcode or Placename

**Select Using List**

**commonly used**

None  [combined authorities](#) ⓘ

None  [countries](#)

None  [local authorities: county / unitary \(as of April 2021\)](#)

None  [local authorities: district / unitary \(as of April 2021\)](#)

None  [local enterprise partnerships \(as of April 2021\)](#) ⓘ

None  [metropolitan counties](#)

None  [regions](#) ⓘ

**postcode / jobcentre / nuts**

None  [jobcentre plus districts as of April 2019](#)

This time we can compare Norwich, to Norfolk, and then to the larger region: East of England.

**annual population survey - workplace analysis** [Change dataset](#)  
analysis: individual data values from APS tables (cells) [Change analysis](#)

Guide me step-by-step

**Make selections:**

**Geography**

Date

Cell

**Review selections:**

[Summary Of Selections](#)

**Get your data:**

[Format / Layout](#)

[Download Data](#)

**Step 1 of 5 - geography selection**

You need make a selection for geography before you can continue to the next step.

< Back Next >

Choose your geography then continue to the next step.

Geography  [select using list](#) [map](#) [select areas within](#) [load / save selections](#) [user defined](#)

**Search**

Enter a postcode or place name

**Results for norwich**

Filter category

Norwich (local authorities: district / unitary (as of April 2021))

**Norwich - this town is within the following areas**

|   |  |
|---|--|
| <input checked="" type="checkbox"/> East    | regions  |
| <input type="checkbox"/> England            | countries  |
| <input checked="" type="checkbox"/> Norfolk | local authorities: county / unitary (as of April 2021)   |
| <input type="checkbox"/> New Anglia         | local enterprise partnerships (as of April 2021)         |
| <input checked="" type="checkbox"/> Norwich | local authorities: district / unitary (as of April 2021) |

Again, the date will default to the most up-to-date. You can change this to compare points across time. I will leave this as it is for now, though.

Instead, let's choose which tables we want to select, so that we can populate it with the cells we are most interested in. Let's choose T10b: Employment by occupation and industry.

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analysis: individual data values from APS tables (cells) [Change analysis](#)

Guide me step-by-step

**Make selections:**

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**Step 3 of 5 - cell selection**

< Back Next >

First choose a table to display an outline of that table. Then select the cells you require from that table.

**Cell**

To begin selecting cells you must first choose a table.

|             |  |
|-------------|--|
| T08         | Employment by age and full-time/part-time                                  |
| T09a        | Employment by occupation (SOC2010) sub-major group and full-time/part-time |
| T09         | Employment by occupation (SOC2000) sub-major group and full-time/part-time |
| <b>T10b</b> | <b>Employment by occupation (SOC2010) and industry (SIC 2007)</b>          |
| T10a        | Employment by occupation (SOC2000) and industry (SIC 2007)                 |
| T10         | Employment by occupation (SOC2000) and industry (SIC 92/03)                |
| T11a        | Employment by age and industry (SIC 2007)                                  |
| T11         | Employment by age and industry (SIC 92/03)                                 |
| T12a        | Employment by occupation (SOC2010) and flexibility                         |
| T12         | Employment by occupation (SOC2000) and flexibility                         |
| T13a        | Employment by industry (SIC 2007) and flexibility                          |
| T13         | Employment by industry (SIC 92/03) and flexibility                         |

We then have to choose what to include in our table.

TOP TIP:

'tick all' saves lots of clicks!

Clicking further down a row or column will tick or untick all the selections that are before it, in all directions. This can be useful if you want to select one sex but not the other, for example.

Guide me step-by-step

**Make selections:**

Geography

Date

Cell

Review selections:

Summary Of Selections

Get your data:

Format / Layout

Download Data

**Step 3 of 5 - cell selection**

First choose a table to display an outline of that table. Then select the cells you require from that table.

**Cell**

change table

Note: If you require data to be downloaded in a formatted table rather than individual cells, select *table* in the analysis menu.

| Table T10b Employment by occupation (SOC2010) and industry (SIC 2007) |                                    |                                 |                            |                           |   |  |   |  |                               |                               |
|---|------------------------------------|---------------------------------|----------------------------|---------------------------|---|--|---|--|-------------------------------|-------------------------------|
| Use the links in the entire rows or columns                           | A Agriculture & fishing (SIC 2007) | B,D,E Energy & water (SIC 2007) | C Manufacturing (SIC 2007) | F Construction (SIC 2007) | G,I Distribution, hotels & restaurants (SIC 2007) | H,J Transport & Communication (SIC 2007) | K-N Banking finance & insurance etc. (SIC 2007) | O-Q Public admin education & health (SIC 2007) | R-U Other services (SIC 2007) | G-Q Total Services (SIC 2007) |
| All people  |                                    |                                 |                            |                           |   |  |   |  |                               |                               |
| 1 Managers, Directors and Senior Officials (SOC2010)                  | <input type="checkbox"/>           | <input type="checkbox"/>        | <input type="checkbox"/>   | <input type="checkbox"/>  | <input type="checkbox"/>                          | <input type="checkbox"/>                 | <input type="checkbox"/>                        | <input type="checkbox"/>                       | <input type="checkbox"/>      | <input type="checkbox"/>      |
| 2 Professional Occupations (SOC2010)                                  | <input type="checkbox"/>           | <input type="checkbox"/>        | <input type="checkbox"/>   | <input type="checkbox"/>  | <input type="checkbox"/>                          | <input type="checkbox"/>                 | <input type="checkbox"/>                        | <input type="checkbox"/>                       | <input type="checkbox"/>      | <input type="checkbox"/>      |
| 3 Associate Prof & Tech Occupations (SOC2010)                         | <input type="checkbox"/>           | <input type="checkbox"/>        | <input type="checkbox"/>   | <input type="checkbox"/>  | <input type="checkbox"/>                          | <input type="checkbox"/>                 | <input type="checkbox"/>                        | <input type="checkbox"/>                       | <input type="checkbox"/>      | <input type="checkbox"/>      |

I'm going to choose all options for both sexes, but deselect the options for 'all people'.

| All people  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 Managers, Directors and Senior Officials (SOC2010)      | <input type="checkbox"/> |
| 2 Professional Occupations (SOC2010)                      | <input type="checkbox"/> |
| 3 Associate Prof & Tech Occupations (SOC2010)             | <input type="checkbox"/> |
| 4 Administrative and Secretarial Occupations (SOC2010)    | <input type="checkbox"/> |
| 5 Skilled Trades Occupations (SOC2010)                    | <input type="checkbox"/> |
| 6 Caring, Leisure and Other Service Occupations (SOC2010) | <input type="checkbox"/> |
| 7 Sales and Customer Service Occupations (SOC2010)        | <input type="checkbox"/> |
| 8 Process, Plant and Machine Operatives (SOC2010)         | <input type="checkbox"/> |
| 9 Elementary occupations (SOC2010)                        | <input type="checkbox"/> |
| Females   |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| 1 Managers, Directors and Senior Officials (SOC2010)      | <input type="checkbox"/> |
| 2 Professional Occupations (SOC2010)                      | <input type="checkbox"/> |
| 3 Associate Prof & Tech Occupations (SOC2010)             | <input type="checkbox"/> |
| 4 Administrative and Secretarial Occupations (SOC2010)    | <input type="checkbox"/> |
| 5 Skilled Trades Occupations (SOC2010)                    | <input type="checkbox"/> |
| 6 Caring, Leisure and Other Service Occupations (SOC2010) | <input type="checkbox"/> |
| 7 Sales and Customer Service Occupations (SOC2010)        | <input type="checkbox"/> |
| 8 Process, Plant and Machine Operatives (SOC2010)         | <input type="checkbox"/> |
| 9 Elementary occupations (SOC2010)                        | <input type="checkbox"/> |

The result is a lot of information, but not in a very clear format.

| annual population survey - workplace analysis   |              |       |              |       |          |        |
|---|--------------|-------|--------------|-------|----------|--------|
| ONS Crown Copyright Reserved [from Nomis on 11 October 2021] [i]  |              |       |              |       |          |        |
| Analysis standard   |              |       |              |       |          |        |
| Date Apr 2020-Mar 2021  |              |       |              |       |          |        |
| Confidence 95% confidence interval (+/-)  |              |       |              |       |          |        |
| Cell  | Iacu:Norfolk |       | Iadu:Norwich |       | gor:East |        |
|   | Number       | Conf  | Number       | Conf  | Number   | Conf   |
| T10b:91 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : A Agriculture & fishing (SIC 2007) )                | !            | !     | !            | !     | 3,200    | *      |
| T10b:92 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : B,D,E Energy & water (SIC 2007) )                   | !            | !     | !            | !     | !        | !      |
| T10b:93 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : C Manufacturing (SIC 2007) )                        | 4,000        | *     | !            | !     | 25,300   | 6,200  |
| T10b:94 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : F Construction (SIC 2007) )                         | 3,800        | *     | !            | !     | 23,200   | 6,000  |
| T10b:95 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : G,I Distribution, hotels & restaurants (SIC 2007) ) | 8,300        | 4,000 | !            | !     | 46,400   | 8,400  |
| T10b:96 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : H,J Transport & Communication (SIC 2007) )          | 2,000        | *     | !            | !     | 24,800   | 6,200  |
| T10b:97 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : K-N Banking finance & insurance etc. (SIC 2007) )   | 4,000        | *     | 1,400        | *     | 45,500   | 8,300  |
| T10b:98 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : O-Q Public admin education & health (SIC 2007) )    | 2,800        | *     | !            | !     | 21,100   | 5,700  |
| T10b:99 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : R-U Other services (SIC 2007) )                     | 1,500        | *     | !            | !     | 10,000   | 3,900  |
| T10b:100 (Males - 1 Managers, Directors and Senior Officials (SOC2010) : G-Q Total Services (SIC 2007) )                    | 18,600       | 6,000 | 4,900        | *     | 147,900  | 15,000 |
| T10b:101 (Males - 2 Professional Occupations (SOC2010) : A Agriculture & fishing (SIC 2007) )                               | !            | !     | !            | !     | !        | !      |
| T10b:102 (Males - 2 Professional Occupations (SOC2010) : B,D,E Energy & water (SIC 2007) )                                  | !            | !     | !            | !     | 3,200    | 2,200  |
| T10b:103 (Males - 2 Professional Occupations (SOC2010) : C Manufacturing (SIC 2007) )                                       | 3,700        | *     | !            | !     | 26,700   | 6,400  |
| T10b:104 (Males - 2 Professional Occupations (SOC2010) : F Construction (SIC 2007) )  | 1,300        | *     | !            | !     | 16,900   | 5,100  |
| T10b:105 (Males - 2 Professional Occupations (SOC2010) : G,I Distribution, hotels & restaurants (SIC 2007) )                | !            | !     | !            | !     | 12,000   | 4,300  |
| T10b:106 (Males - 2 Professional Occupations (SOC2010) : H,J Transport & Communication (SIC 2007) )                         | 6,600        | 3,600 | 2,900        | *     | 56,900   | 9,300  |
| T10b:107 (Males - 2 Professional Occupations (SOC2010) : K-N Banking finance & insurance etc. (SIC 2007) )                  | 7,400        | 3,800 | 3,400        | *     | 59,300   | 9,500  |
| T10b:108 (Males - 2 Professional Occupations (SOC2010) : O-Q Public admin education & health (SIC 2007) )                   | 12,500       | 4,900 | 4,600        | 3,500 | 83,500   | 11,300 |
| T10b:109 (Males - 2 Professional Occupations (SOC2010) : R-U Other services (SIC 2007) )                                    | !            | !     | !            | !     | 7,200    | 3,300  |

Instead, if you change the type of analysis to 'APS table', you will see the data in a format that is much easier to read. Again, it shows each section as a different area.

| Table: T10b Employment by occupation (SOC2010) and industry (SIC 2007) |   |      |   |      |       |      |      |   |       |       |      |       |   |
|--|---|------|---|------|-------|------|------|---|-------|-------|------|-------|---|
|  | A   | B    | C | D    | E     | F    | G    | H | I     | J     | K    | L     | M |
|  | A Agricultur B,D,E Energ C Manufac F Construc G,I Distribu H,J Transpc K-N Banking finance & O-Q Public R-U Other :G-Q Total Services |      |   |      |       |      |      |   |       |       |      |       |   |
| 22   | Males   |      |   |      |       |      |      |   |       |       |      |       |   |
| 23   | 1 Managers, Directors and Senior Officials  | !    | ! | 4000 | 3800  | 8300 | 2000 |   | 4000  | 2800  | 1500 | 18600 |   |
| 24   | 2 Professional Occupations  | !    | ! | 3700 | 1300  | !    | 6600 |   | 7400  | 12500 | !    | 28100 |   |
| 25   | 3 Associate Prof & Tech Occupations   | !    | ! | 2200 | !     | 4700 | !    |   | 10100 | 10200 | 2500 | 27900 |   |
| 26   | 4 Administrative and Secretarial Occupations  | !    | ! | !    | !     | !    | !    |   | 7400  | 2900  | !    | 11400 |   |
| 27   | 5 Skilled Trades Occupations  | !    | ! | 8500 | 12200 | 7400 | !    |   | 6100  | !     | 4300 | 20600 |   |
| 28   | 6 Caring, Leisure and Other Service Occupations   | !    | ! | !    | !     | !    | !    | ! |       | 9000  | !    | 10900 |   |
| 29   | 7 Sales and Customer Service Occupations  | !    | ! | !    | !     | 5800 | !    | ! |       | !     | !    | 7800  |   |
| 30   | 8 Process, Plant and Machine Operatives   | !    | ! | 5300 | 1900  | 3700 | 7600 |   | 1400  | 1400  | !    | 14200 |   |
| 31   | 9 Elementary occupations  | 1700 | ! | 2200 | !     | 8500 | 3200 |   | 5900  | !     | !    | 18500 |   |
| 32   | Females   |      |   |      |       |      |      |   |       |       |      |       |   |
| 33   | 1 Managers, Directors and Senior Officials  | !    | ! | !    | 1800  | 4300 | !    |   | 5400  | 4600  | 1400 | 15700 |   |
| 34   | 2 Professional Occupations  | !    | ! | !    | !     | !    | !    |   | 5400  | 26100 | 2200 | 34900 |   |
| 35   | 3 Associate Prof & Tech Occupations   | !    | ! | 2100 | !     | 2100 | !    |   | 5600  | 11400 | 1900 | 21300 |   |
| 36   | 4 Administrative and Secretarial Occupations  | !    | ! | 1100 | 3100  | 4700 | 2900 |   | 8700  | 12900 | 2700 | 31900 |   |
| 37   | 5 Skilled Trades Occupations  | !    | ! | !    | !     | 4100 | !    |   | 1100  | !     | !    | 7400  |   |

So... nomis takes practice! It is a good idea to try different formats and different layouts. Depending on how much data is in your table, you may need to change the layout.

### Task:

Build your own table from the Home page. Don't worry if your spreadsheet looks messy! Just keep playing with the settings until you get a format that works for you.