



Oscar Research

Importing Live Oscar Data 'Automagically' into Spreadsheets. Helping to automate your workflow and ensure access to the latest Oscar data.





Introduction

Oscar provides a number of ways of consuming the data you have under license. From a straightforward 'log-in and press download button' method to our online selection tool which allows you to build a bespoke selection and download on demand. All of these routes lead to a copy of the data in Excel.

More sophisticated options of automatically importing the data into your database via our API feed are used by clients wishing to receive daily/weekly updates straight into their own platforms/systems/CRM's etc. More about these options can be found in our customer area guide or just by getting in touch with us.

What if though; you wanted to receive the latest version of your data straight into a spreadsheet - this might be because you have other data in there, have reports connected to it, the spreadsheet is a feed into other systems, or you just simply don't want the faff of logging in and downloading another copy.

Well, that's what this guide is for. Please see below for how you can pull in the latest version of your data into your spreadsheet of choice at the click of a button.

Section 1 - Excel

Section 2 - Google Sheets

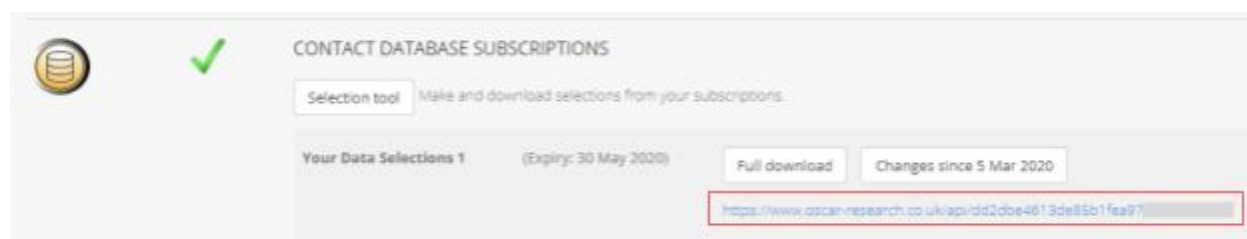


Section 1 - Microsoft Excel

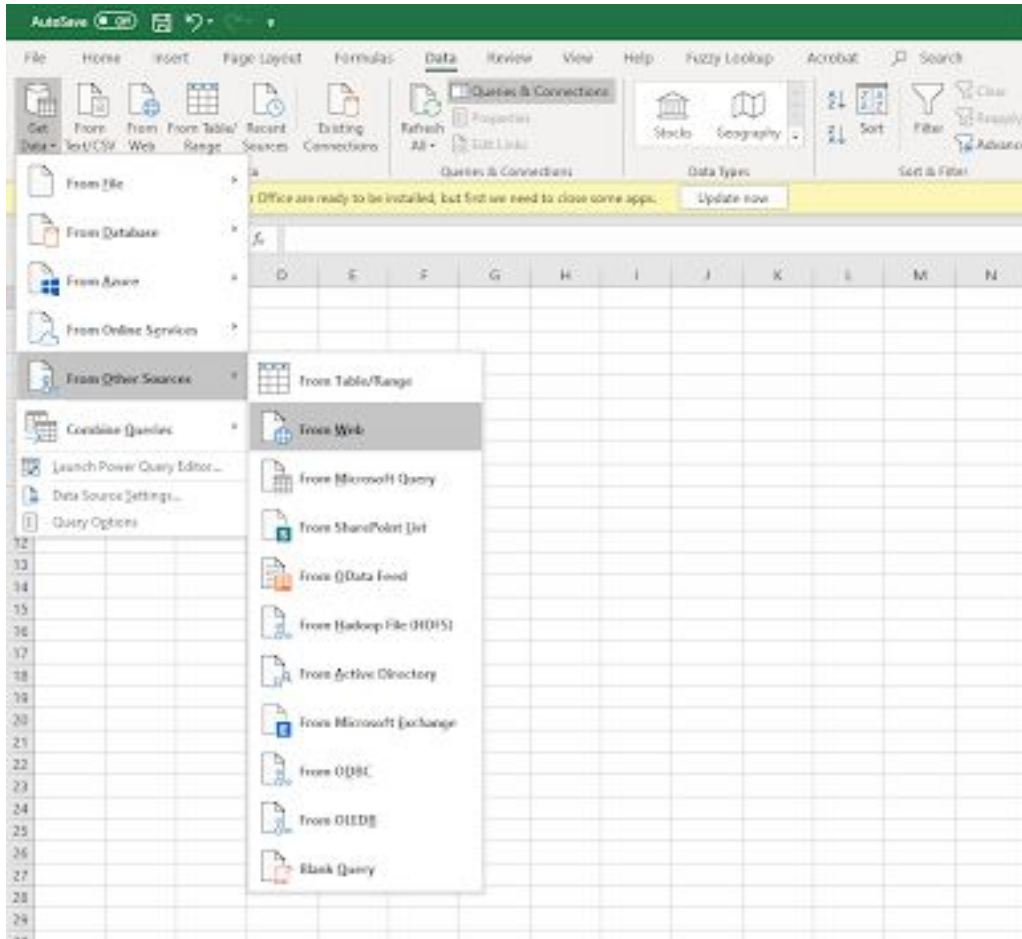
Excel is a powerful local spreadsheet program that has extensive in-built functionality including filtering, reporting and pivot tables. It is also a handy format as a source for other applications in the Microsoft suite of programs and for third party software; including CRM and other database and email systems.



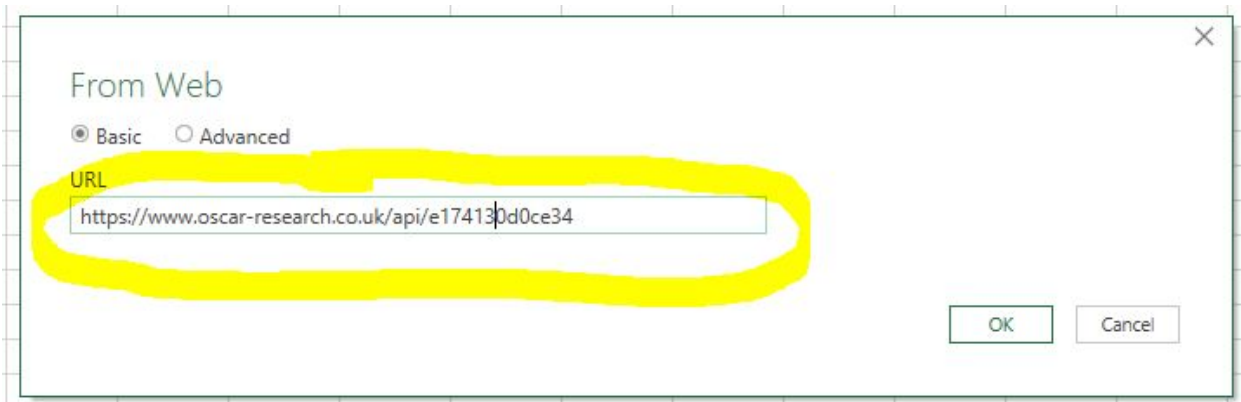
Step 1 - Log into your Oscar Customer Area and locate the URL for the database subscription you wish to import into Google Sheets. This is what you'll need in step 2.



Step 2 - Load a fresh Excel spreadsheet, or use a new tab if you wish to add the data into a file you already have. Go to Data > Get Data > From Other Data Sources > From Web (as below)



Step 3 - Enter your Oscar API link in the dialogue window that loads



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Step 4 - Click 'OK' (depending on how large your datafile is, it can take a minute or two to connect). Once connected you should see a window as below and then click load

https://www.oscar-research.co.uk/api/44a86f07d04eee6ecdcdf11498570758

File Origin: 65001: Unicode (UTF-8) | Delimiter: Comma | Data Type Detection: Based on first 200 rows

Seniority	AllCategories	DataTypes	OrgTypes	OrgType2	NumEmployees	AnnualSpend	OrgNotes
Chief Officer	~6~	~Schools~	~Primary~	Independent - Other School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Community School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~771~	~Schools~	~Primary~	Maintained - Voluntary Aided School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Foundation School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Foundation School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Voluntary Controlled School	Unknown		
Chief Officer	~6~771~	~Schools~	~Primary~	Maintained - Community School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~771~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~771~	~Schools~	~Primary~	Maintained - Voluntary Aided School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Voluntary Aided School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Community School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Community School	Unknown		
Chief Officer	~6~	~Schools~	~Primary~	Maintained - Academy	Unknown		

Preview downloaded on 12 March 2020

Buttons: Load (highlighted), Transform Data, Cancel

Step 5 - That's it - you should now have a populated spreadsheet with the latest version of your Oscar data. You will see list of queries and connections on the right - this allows you to refresh (re-download the latest version) of the data 'on demand' by clicking the refresh button highlighted on the right hand side of the image below.

Queries & Connections

Queries | Connections

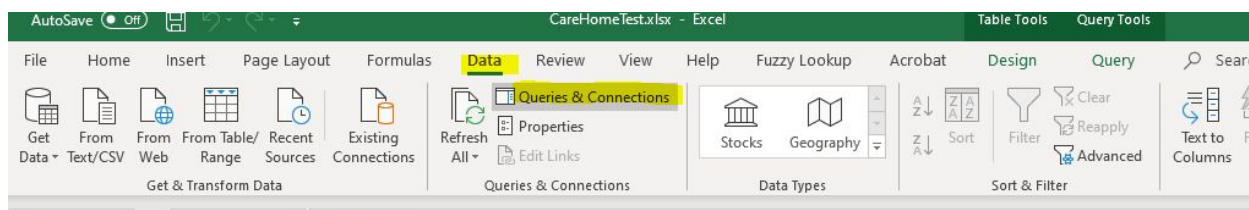
1 query

635f03549786bd38 [redacted] 20,922 rows loaded.

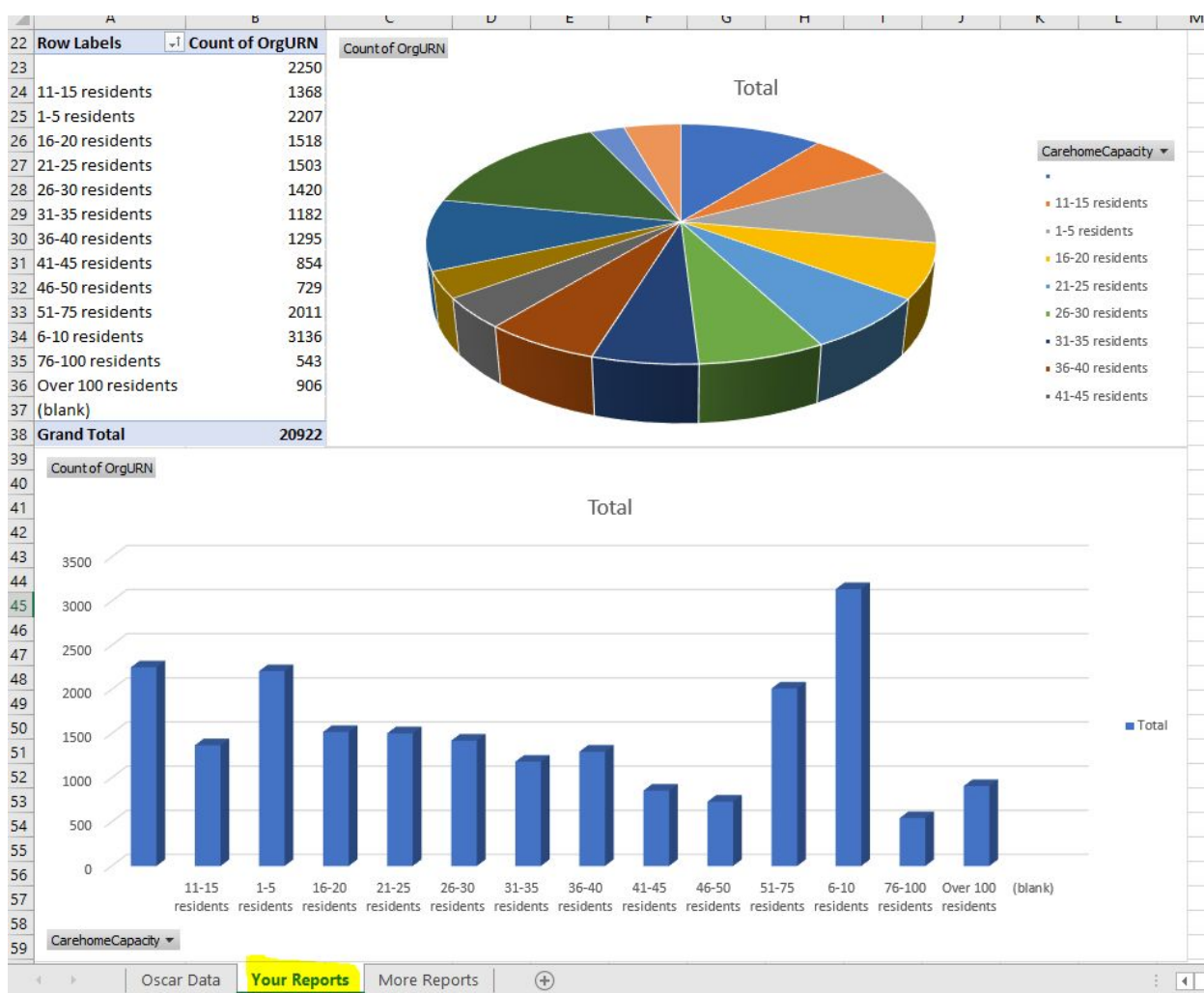
Refresh button (highlighted)



Step 6 - Save the file and when reopening you can find your connection to the Oscar data via the menu (as below) and this will load the connections menu on the right hand side of your worksheet (as shown above).



Step 7 - Once you're happy the data is loading you can build whatever queries, pivot tables, charts etc across as many tabs as you wish - all of which will be automatically refreshed when you reload the data connection.





Section 2 - Google Sheets

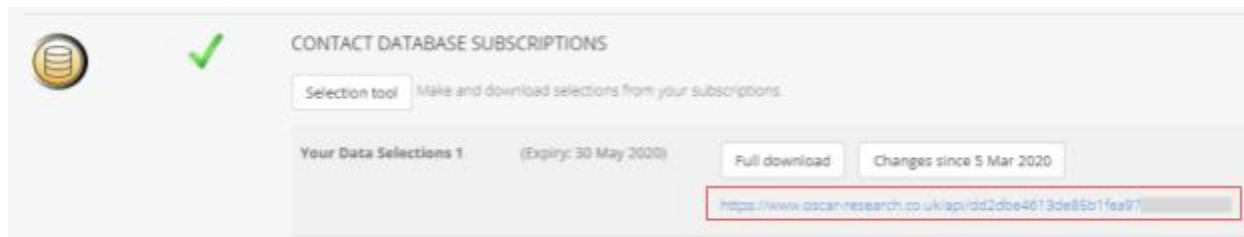
Google sheets is an excellent cloud based alternative to Excel and as well as providing useful in-built functionality including filtering and pivot tables, it is also a handy format as a source for other applications in the google suite of programs - notably including google data studio - and for third party software; including CRM and other database and email systems.

Please note here that Google Sheets has an inherent limit (at the time of typing) of 400,000 cells, so something like 10,000 rows/records of Oscar data. If you have a subscription that has more records than this, you should use the Excel option in section 1.



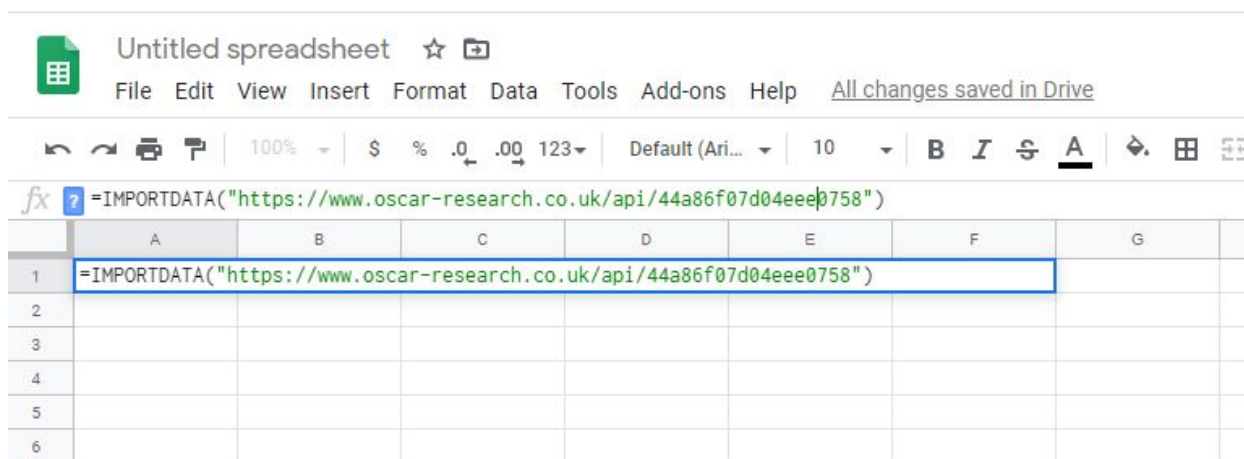


Step 1 - Log into your Oscar Customer Area and locate the URL for the database subscription you wish to import into Google Sheets. This is what you'll need in step 2.



Step 2 - Open up either a new Google Sheets spreadsheet or open a new tab on the Google Sheet you wish to use. In Cell A1 type the following:

=IMPORTDATA("URL") - example as shown below:



Step 3 - That's it! - the data will be loaded from the live Oscar database. For updates, more advanced users can use the script editor (under tools) to create a basic script to run daily (see optional step 4 below). For the rest of us, it's almost as quick and easy as simply go to cell A1 delete the value and repeat step 2 - the latest data is then loaded.

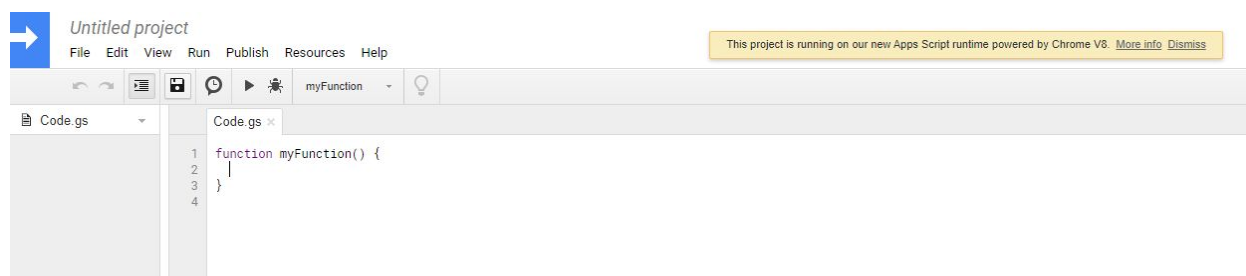
ContactURN	OrgURN	SiteURN	KKOrgURN	Title	Initials	FirstName	LastName	Quals	Salutation	JobTitle	Org	MainSite	Dept	Addr
28216	150833	28217	L1101							The Headteacher	Abbotsbury Sch	Yes		59 Torquay
701165	150830	22845	L1101							The Headteacher	Abbotskirkwell F	Yes		Slade Lane
787322	151163	23855	L1142							The Headteacher	All Saints Balboa	Yes		Quinta Row
489871	151206	23398	L1101							Interim Head of /	All Saints CE Pri	Yes		Osborne St

Step 4 (Optional) - so if you fancy having a go at scripting the 'call' of Oscar data into the sheet automatically, then follow the process below.

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Go to Tools > Script Editor



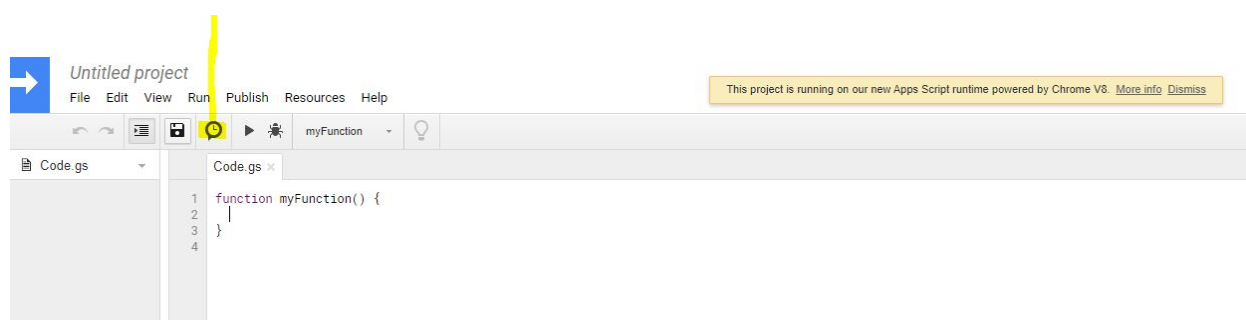
Example script we use is below (please note you'll need to use your full weblink from above)

```
function myFunction() {
```

```
  SpreadsheetApp.getActive().getRange('A1').setValue('=importdata("https://www.oscar-research.co.uk/api/XXXXXXXXXX")')
```

```
}
```

Give the project a name and save it. You may also need to give permission for google to do it's thing. Once saved you can add a trigger (button for this shown below)



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Click add a trigger (as below)

← Untitled project > Triggers Showing 0 triggers

Owned by: Me CLEAR FILTERS

Owned by	Last run	Deployment	Event	Function	Error rate
----------	----------	------------	-------	----------	------------



No results

Try adjusting your filter criteria or [create a new trigger](#).

+ Add Trigger

Then set the trigger to work as you wish (we recommend not more frequently than daily - weekly is a good option too). As below. Then click save and you're done.



Add Trigger for Untitled project

Choose which function to run

Choose which deployment should run

Select event source

Select type of time based trigger

Select time of day

(GMT+01:00)

Failure notification settings



Cancel

Save