



Global Data Workstation

An introduction to Oxford Economics Global Data Services

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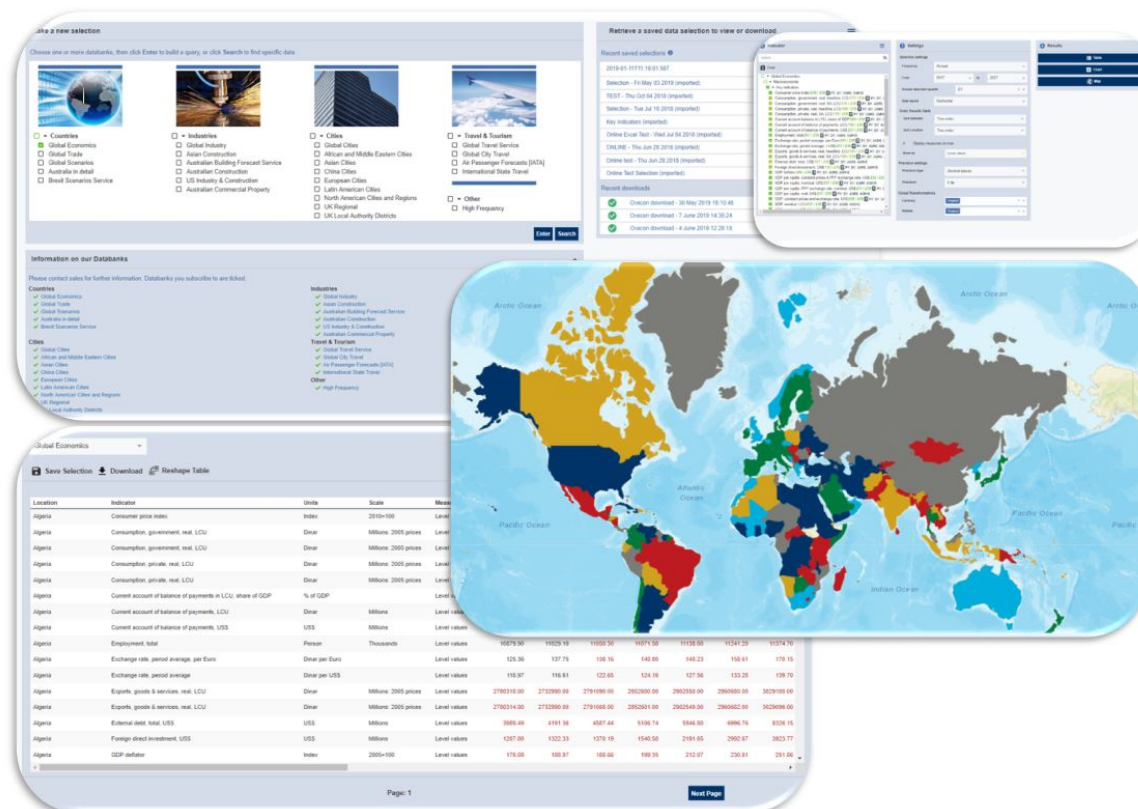
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Introduction

The Global Data Workstation (GDW) is a web-based service for accessing our suite of macro, industry, city, and travel databanks.

We have introduced substantial improvements over the previous Oxford Economics databank. The new online software provides rapid access to economic data. You can now view multiple databanks at the same time, or sync data from your selected databanks into a single set of data.

The tool provides a variety of data selection, heat map and chart visualisations, data downloads, data sharing, and personalisation features, and all assets can be exported as image or Excel files for use in other programs. Users can access the data workstation via My Oxford, or use a Web API.



Prerequisites

- The latest version of either Google Chrome, Firefox, Safari, and Edge
- We recommend a minimum screen resolution of 1440 x 900
- An active internet connection

Accessing the service

The release version of the service is located at <https://data.oxfordeconomics.com/>. The service works best when the browser is at least 1440 by 900 pixels. Using a lower resolution is less convenient for selecting and viewing data.

Key Features

- Smart currency conversion and rebasing
- Categorized databank selection tree
- Collective "All" tab that allows data selection across databanks
- Tabbed design allowing multiple data results views (table, chart, map)
- Ability to download table data exactly as it appears in the table view
- Clearer map view, and additional map settings (custom gradients, colours and visual options)
- Table re-shaper allowing pivoting with intuitive design
- Collapsible settings panel, allowing focused data view
- Coverage of selection shown in tree

Contacting Support

If you encounter any problems with the Global Data Workstation, please contact Oxford Economics for support via email at support@oxfordeconomics.com.

If you are experiencing a technical issue, please attach a screenshot of the issue and provide as much information as possible to help Oxford Economics' software development team reach a quick resolution for you.

Please follow the instructions on our [Help Page](#).

Getting Started

To access the Global Data Workstation you must firstly log into your Oxford Economics account. Your login credentials will be the same as the ones you use to access our website.

If the credentials are not recognised you will see a message saying "Sign In was unsuccessful. Please correct the errors and try again. Username or password is incorrect". Try again to ensure the problem is not just a typing error.

Should you encounter any issues logging into your account, please do not hesitate to either contact your internal support team, or contact us directly on support@oxfordeconomics.com.

Note: If your organization authenticates using IP addresses, you will be automatically logged into the service. A login prompt will only be presented if there is a problem with the authentication.



OXFORD ECONOMICS

Welcome to Oxford Economics secure login. If you are not a subscriber to any of our services, please contact your nearest Oxford Economics office for [more information](#).

Email/Username

Password

[Reset password](#)

[Sign In](#)

You may see some databanks disabled (i.e. greyed-out), depending on the subscription level of your organisation. If you would like to trial any other databanks that you may not have access to, you can make your selections by clicking on the links below the list of your current databanks.

Information on our Databanks ^

Please contact sales for further information. Databanks you subscribe to are ticked.

| | |
|--|--|
| Countries <ul style="list-style-type: none"> ✓ Global Economics ✓ Global Trade ✓ Global Scenarios ✓ Australia in detail ✓ Brexit Scenarios Service | Industries <ul style="list-style-type: none"> ✓ Global Industry ✓ Asian Construction ✓ Australian Building Forecast Service ✓ Australia Construction ✓ US Industry |
| Cities <ul style="list-style-type: none"> ✓ Global Cities ✓ African and Middle Eastern Cities ✓ Asian Cities ✓ China Cities ✓ European Cities ✓ Latin American Cities ✓ North American Metros ✓ UK Regional ✓ UK Local Authority Districts | Travel & Tourism <ul style="list-style-type: none"> ✓ <u>Global Travel Service</u> ✓ Global City Travel ✓ Air Passenger Forecasts [IATA] ✓ International State Travel |

Each databank contains:

- **Locations** – Countries, Regions or Cities for which economic data is available.
- **Indicators** – specific topics such as Gross Domestic Product or Agricultural Exports.
- **Data series** – annual or quarterly values published since 1980 and forecast as far as 2040.
- **Data Coverage** – Coverage of selection shown in tree.

Note: some locations with a databank do not publish data for every indicator, and some data series may not be published for every year since 1980. Not all databanks contain data up to 2040.

When using the databank you are able to do the following:

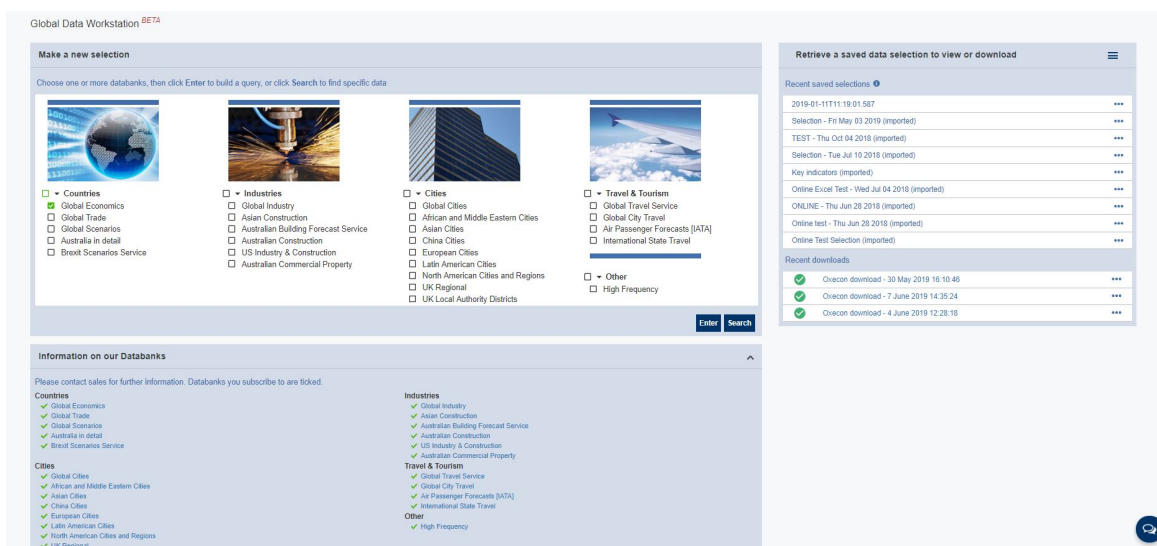
Manage selections

- Select what economic data series you want to see.
- Save and retrieve regularly-used selection criteria.
- Manage related settings, such as the date range and whether to see annual or quarterly data.

View results







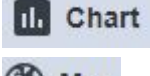


- See data in tables, charts and maps.
- Download data in Excel format or in comma-separated files.





To start, select a database by clicking on the box labelled 'Make a new selection' on the home page and then click on the button labelled 'Enter'.



Detailed Description of Button Functionality

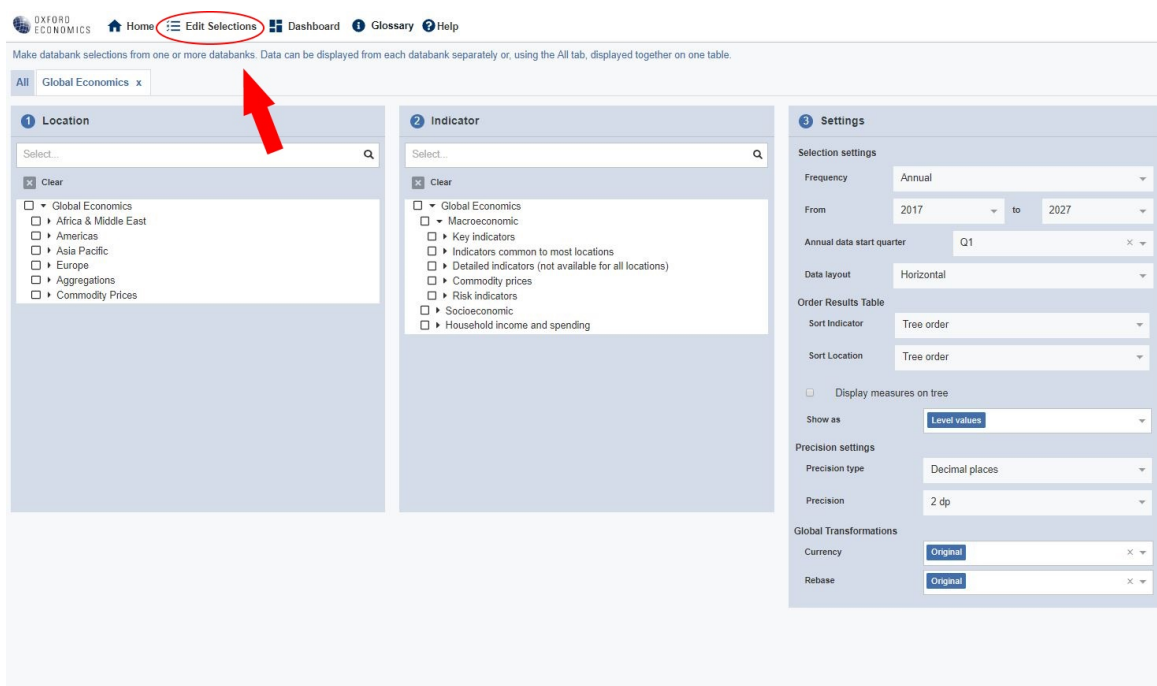
The purpose of each button is briefly described below. A more detailed explanation of the functionality appears later in this Guide - just follow the links in the right-hand column.

| Button | Description |
|---|---|
|  | Back to the previous page |
|  | Move onto the next page of your data. |
|  | Return to the home page. |
|  | Displays the Selections Page where you can define what data to see by choosing the locations and indicators and then adjusting the settings. |
|  | Saves the current selection for later retrieval. |
|  | Shows the results of a selection in a table . |
|  | Shows selection results as a chart . |
|  | Shows selection results on a map . |
|  | Allows the user to instantly create a set of charts for key indicators for each of the countries or regions in the model. |

| Button | Description |
|---|---|
|  Download | Downloads and Saves selection results to a file directory of your choice. |
|  | Located at the bottom on the right hand side of your screen. Clicking on this button allows you can leave the development team any feedback, or suggestions you may wish to make. |
|  Glossary | You will be provided with a document explaining our data definitions, risk details and aggregation definitions. |
|  Help | Clicking on the help button will display the databank userguide, contact details for support queries, or you can view our subscription services portfolio |

Define and Refine Detailed Selections

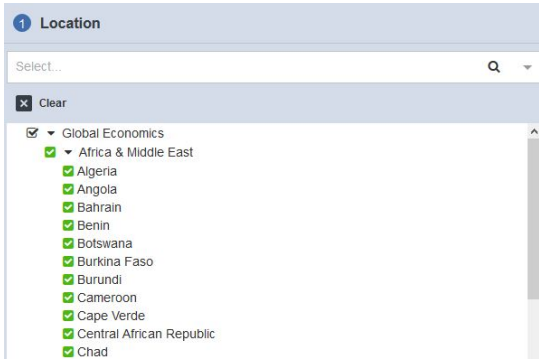
The 'Edit Selections' page allows you to select the data of your choice, or refine the results of your search. You can also define how you want your results to be displayed. This can be either in a dashboard, table, chart, or map. The Edit Selections Page is reached by clicking on 'Edit Selections' located at the top of the databank menu bar.

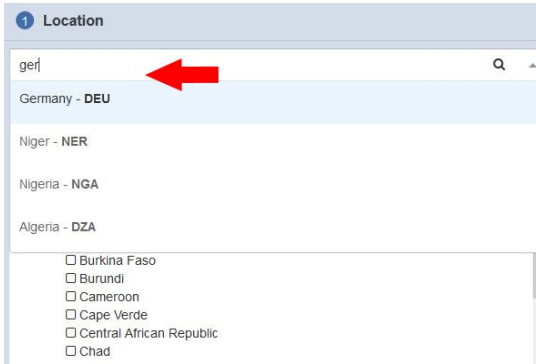


The Locations and Indicators Column

The Locations and Indicators columns both operate in exactly the same way. This section describes the specifics for the Locations column, but applies equally to the Indicators column.

Searching The Tree

| Description | Example |
|--|--|
| <p>The tree layout displayed below allows you to have more control on what you see. For example: Click on the small arrows located next to a country to expand or collapse branches. Use the tick box to select the entire branch. You can either select a whole region or The tick box is shaded green when some but not all of the child branches have been selected. Click 'Clear' to remove your selections from the sub branches:</p> |  <p>The screenshot shows a 'Location' selection interface. At the top, there is a search bar labeled 'Select...' with a magnifying glass icon and a dropdown arrow. Below the search bar is a 'Clear' button with an 'x' icon. The main area displays a tree view. The root node is 'Global Economics', which is expanded (indicated by a downward arrow). Under 'Global Economics', there is a sub-node 'Africa & Middle East', which is also expanded. Below 'Africa & Middle East', there is a list of countries: Algeria, Angola, Bahrain, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, and Chad. Each country has a green checkmark next to it, indicating it is selected. The 'Clear' button is highlighted with a red arrow.</p> |

| Description | Example |
|---|--|
| <p>At the top of each tree control there is a search box to help find items in the tree: If required, click 'Clear' to clear any existing selections from the trees. Type in a search term. For example, ITA and USA and click Search, or press enter on your keyboard to find matches of your search criteria. Repeat as often as needed: new matches will be added to existing ones. You can type in many search terms at once, e.g. (AUT) FOR Austria (DEU) for Germany. For indicators you are able to search for Mnemonic indicator names. For example, GDP, LCU, US\$ within the indicator search column. Partial matches from the start of words will work, e.g. (Den) will match Denmark Take care with partial matches: for example, UK will match with Virgin Islands (UK), Ukraine and United Kingdom.</p> |  |

Settings Column

| Description | Example |
|-------------|---------|
|-------------|---------|

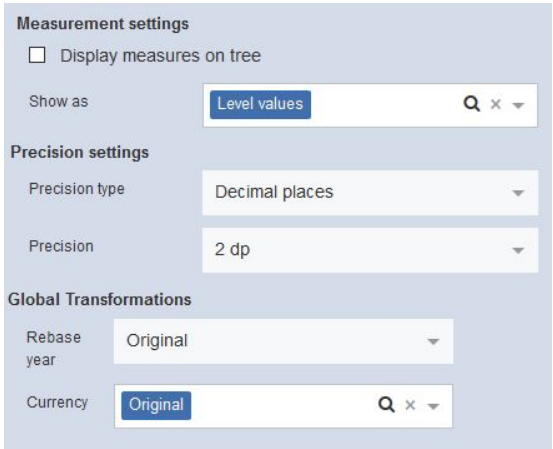
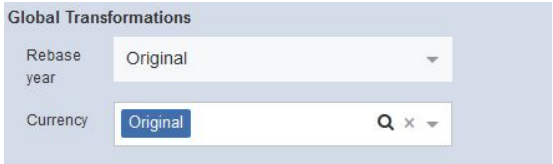
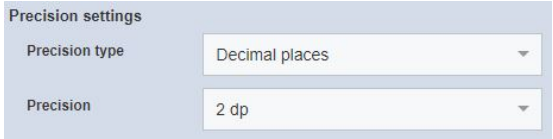
The **Settings** panel affects how the data is displayed in the results table. You can change the range of years for which data is requested. Change the frequency of data points (Annual, Quarterly, or Both). Note: many data series are not published quarterly. Therefore, your frequency should be set to "Annual". Edit the data layout to either be displayed Horizontally or Vertically.

The **Annual data start quarter** allows you to specify the fiscal quarter for each year within your annual data.

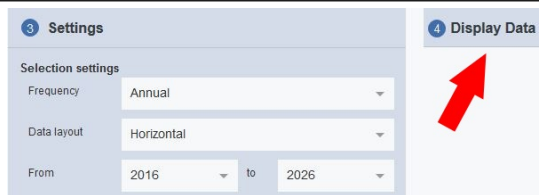
The **Data Layout Settings** affect how the data is shown in the results table. Choose to view your data results either horizontally or vertically.

Order Results Table Settings Allows you to control what order your data will be displayed. For example, you can choose either "Tree Order" or "Alphabetically".

Display measures on tree Checking this box will allow you are more granular control over what measures certain indicators are displayed as.

| Description | Example |
|---|--|
| <p>Data Format such as Level or % Change Year-on Year. The options presented will match the setting for Frequency in the upper slide-out menu. Choose a number of decimal places from the Precision drop-down menu. For quarterly data, opt to display quarters vertically within each year column, or horizontally as a time series. Choose whether to group results by location or indicator. Choose whether to show group headings. Choose whether to show results in forward or reverse order.</p> |  <p>The screenshot shows a settings panel with three sections: 'Measurement settings' with a checkbox for 'Display measures on tree' and a 'Show as' dropdown set to 'Level values'; 'Precision settings' with 'Precision type' set to 'Decimal places' and 'Precision' set to '2 dp'; and 'Global Transformations' with 'Rebase year' set to 'Original' and 'Currency' set to 'Original'.</p> |
| <p>The Global Transformation Settings define how you would like the selection branches in the Locations and Indicators columns to behave. You can also specify global Currency or Rebase transformations which will be applied only to relevant series. We have added these now to Macro , Global Industry, Global Scenarios and adding to the Cities databanks. Check the tick-boxes to automatically expand sub branches when they are selected. Uncheck the tick-boxes to manually expand each branch.</p> |  <p>The screenshot shows the 'Global Transformations' section with 'Rebase year' set to 'Original' and 'Currency' set to 'Original'.</p> |
| <p>Precision Settings allows you to select either Decimal places, Significant figures and Standard notation.</p> |  <p>The screenshot shows the 'Precision settings' section with 'Precision type' set to 'Decimal places' and 'Precision' set to '2 dp'.</p> |

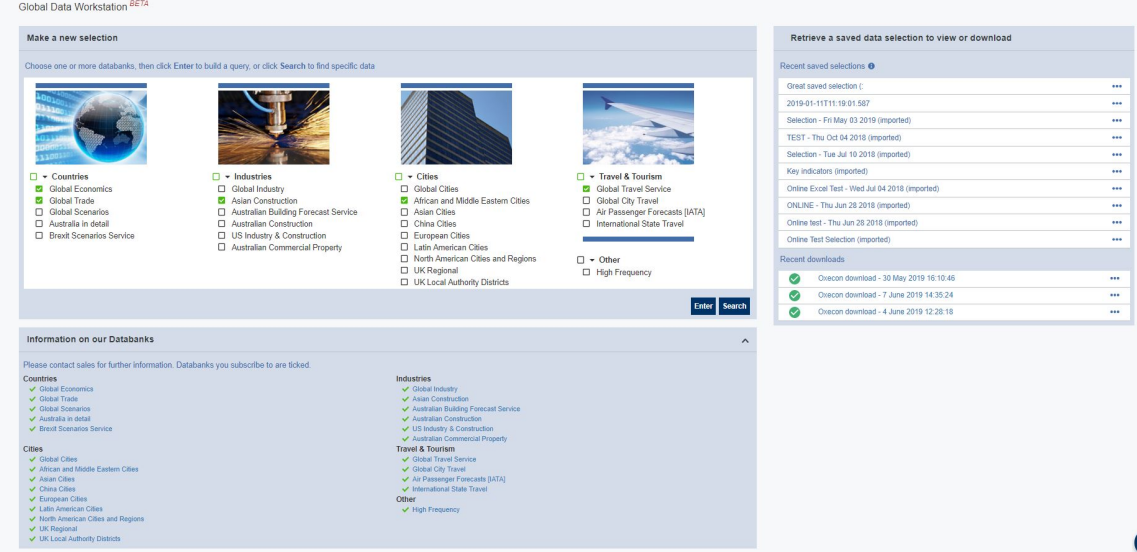
Display Data

| Description | Example |
|---|--|
| <p>Click Display Data to display the data matching your criteria in the Table Page. The functionality of the Table Page is described later in this document. This button is disabled unless at least one location or indicator has been selected. When there is insufficient width to display all four columns, this button appears on the sub-menu at the top left.</p> |  |

Please note: If any entries in Locations or Indicators trees appear grey or disabled, it suggests that your organisation does not have the appropriate subscription level for that data. Please contact support@oxfordeconomics.com or contact your OE account manager directly for further assistance.

Selecting Multiple Databanks

You can now select multiple databanks at one time. You can do this from the databank homepage.



Global Data Workstation BETA

Make a new selection

Choose one or more databanks, then click Enter to build a query, or click Search to find specific data

- Countries**
 - ☒ Global Economics
 - ☒ Global Trade
 - ☐ Global Scenarios
 - ☐ Australia in detail
 - ☐ Brexit Scenarios Service
- Industries**
 - ☐ Global Industry
 - ☐ Asian Construction
 - ☐ Australian Building Forecast Service
 - ☐ Australian Construction
 - ☐ US Industry & Construction
 - ☐ Australian Commercial Property
- Cities**
 - ☐ Global Cities
 - ☒ African and Middle Eastern Cities
 - ☐ Asian Cities
 - ☐ China Cities
 - ☐ European Cities
 - ☐ Latin American Cities
 - ☐ North American Cities and Regions
 - ☐ UK Regional
 - ☐ UK Local Authority Districts
- Travel & Tourism**
 - ☒ Global Travel Service
 - ☐ Global City Travel
 - ☐ Air Passenger Forecasts (ATA)
 - ☐ International State Travel
- Other**
 - ☐ High Frequency

Enter Search

Retrieve a saved data selection to view or download

Recent saved selections

| | |
|--|-----|
| Great saved selection : | ... |
| 2019-01-11T11:19:01.587 | ... |
| Selection - Fri May 03 2019 (imported) | ... |
| TEST - Thu 04 2018 (imported) | ... |
| Selection - Tue Jul 10 2018 (imported) | ... |
| Key indicators (imported) | ... |
| Online Excel Test - Wed Jul 04 2018 (imported) | ... |
| ONLINE - Thu Jun 28 2018 (imported) | ... |
| Online test - Thu Jun 28 2018 (imported) | ... |
| Online Test Selection (imported) | ... |

Recent downloads

| | |
|--|-----|
| ✓ Oxecon download - 30 May 2019 16:10:46 | ... |
| ✓ Oxecon download - 7 June 2019 14:35:24 | ... |
| ✓ Oxecon download - 4 June 2019 12:28:18 | ... |

Information on our Databanks

Please contact sales for further information. Databanks you subscribe to are ticked.

- Countries**
 - ☒ Global Economics
 - ☒ Global Trade
 - ☒ Global Scenarios
 - ☒ Australia in detail
 - ☒ Brexit Scenarios Service
- Cities**
 - ☒ Global Cities
 - ☒ African and Middle Eastern Cities
 - ☒ Asian Cities
 - ☒ China Cities
 - ☒ European Cities
 - ☒ Latin American Cities
 - ☒ North American Cities and Regions
 - ☒ UK Regional
 - ☒ UK Local Authority Districts
- Industries**
 - ☒ Global Industry
 - ☒ Asian Construction
 - ☒ Australian Building Forecast Service
 - ☒ Australian Construction
 - ☒ US Industry & Construction
 - ☒ Australian Commercial Property
- Travel & Tourism**
 - ☒ Global Travel Service
 - ☒ Global City Travel
 - ☒ Air Passenger Forecasts (ATA)
 - ☒ International State Travel
- Other**
 - ☒ High Frequency

Once you have chosen your selected databanks, click 'Enter' to begin building your query.

You will now be presented with all of your databanks at the top of your edit selections page. The databanks will be displayed as tabs making it easier for your to work across each databank.

Make databank selections from one or more databanks. Data can be displayed from each databank separately or, using the All tab, displayed together on one table.

All Global Economics x Global Industry x Air Passenger Forecasts [ATA] x Asian Construction x Asian Cities x China Cities x Latin American Cities x

1 Location

Select...

Clear

- Global Economics
 - Africa & Middle East
 - Americas
 - Asia Pacific
 - Europe
 - Aggregations
 - Commodity Prices

2 Indicator

Select...

Clear

- Global Economics
 - Macroeconomic
 - Key Indicators
 - Indicators common to most locations
 - Detailed indicators (not available for all locations)
 - Commodity prices
 - Risk Indicators
 - Socioeconomic
 - Household Income and spending

3 Settings

Selection settings

Frequency: Annual

From: 2017 to 2027

Annual data start quarter: Q1

Data layout: Horizontal

Order Results Table

Sort Indicator: Tree order

Sort Location: Tree order

Display measures on tree: ☐

Show as: Level values

Precision settings

Precision type: Decimal places

Precision: 2 dp

Global Transformations

Currency: Original

Rebase: Original

4 Results

Table

Chart

Map

Define Quick Search

The Search drop-down can be used to quickly obtain matching results for a particular topic, such as "US GDP".

Description

Example

To use the **Search** drop-down' once you have selected databanks of your choice. You can now easily define your search criteria by selecting locations and indicators.

You can now type in individual Locations and/or Indicators, and select the relevant items from the list of matches that appear. When all search terms have been entered, click 'Enter' located below the databanks

You can close the search slide-out menu at any time by clicking 'Hide Search'

Make a new selection

Choose one or more databanks, then click Enter to build a query, or click Search to find specific data

Locations

- Countries
 - Global Economics
 - Global Trade
 - Global Scenarios
 - Australia in detail
 - Brexit Scenarios Service

Indicators

- Industries
 - Global Industry
 - Asian Construction
 - Australian Building Forecast Service
 - Australian Construction
 - US Industry

Cities

- Global Cities
 - Africa and Middle Eastern Cities
 - Asian Cities
 - China Cities
 - European Cities
 - North American Cities
 - UK Regional
 - UK Local Authority Districts

Travel & Tourism

- Global Travel Service
- Global City Travel
- Air Passenger Forecasts [ATA]
- International State Travel

Enter Search

Search

Enter location(s) relevant to your databank. To select specific indicators, type in one or more indicator and select from the search results. Use the Control button to select multiple indicators.

Locations: Select...

Indicators: Select...

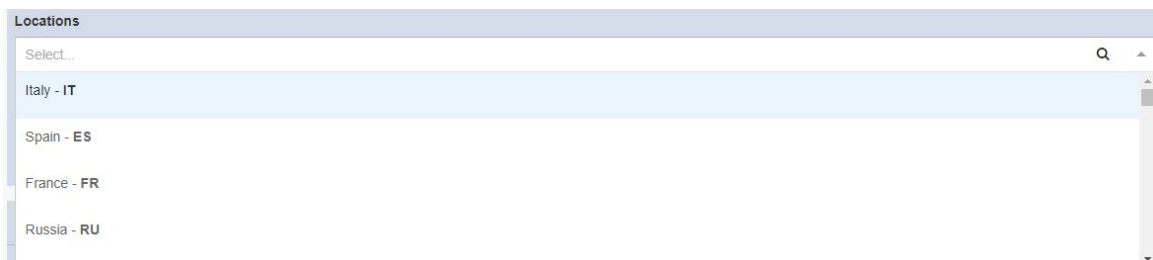
Enter

Enter

Hide Search

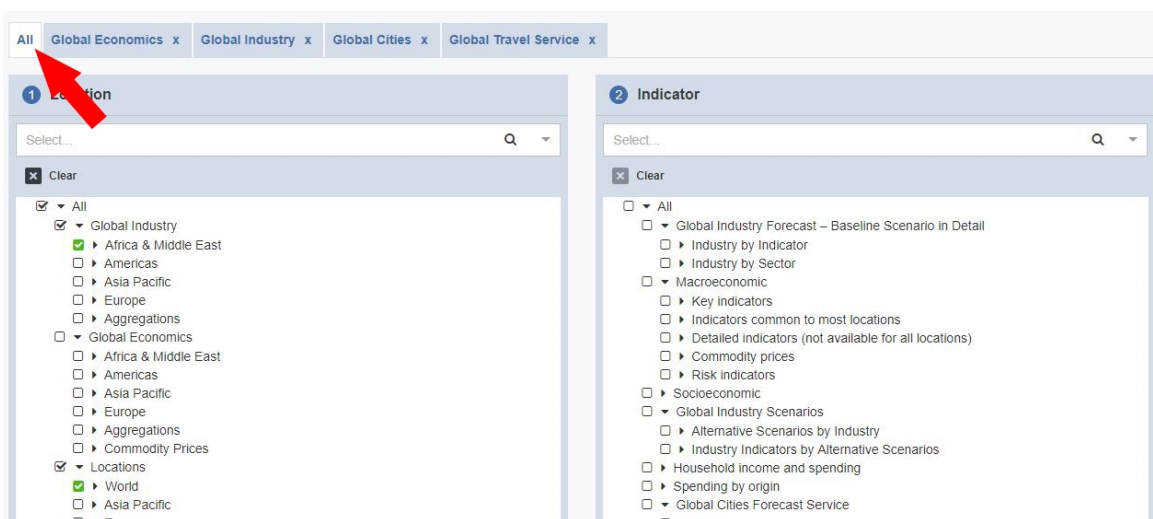
Search Settings

Search items are selected from a drop-down list of suggestions that appears as you type in the search input box. Locations can now be entered as the country abbreviation. For example, Italy (IT), Spain (ES) and France (FR). Indicators can also be searched for in the same way.



Input text is case-insensitive – it does not matter if you type in lower case, upper case or both.

Matches will be looked for in the currently selected databank first. However, if you wish to merge your selected databanks into one datasheet, you can click on 'All' in the selections page.



Search Term Example

1. Type in a search term (e.g. CPI in the Global Economics databank) to see suggestions in a drop-down list.
2. Select the first item in the list (i.e. General search: cpi) to search with synonyms.
3. The selected item will appear as a search item without quotes

Because there are no quotes around the search term, synonyms will be matched instead. In the case of CPI, the results will include indicators with “consumer price index” in their titles, as “consumer price index” is a synonym of "CPI".

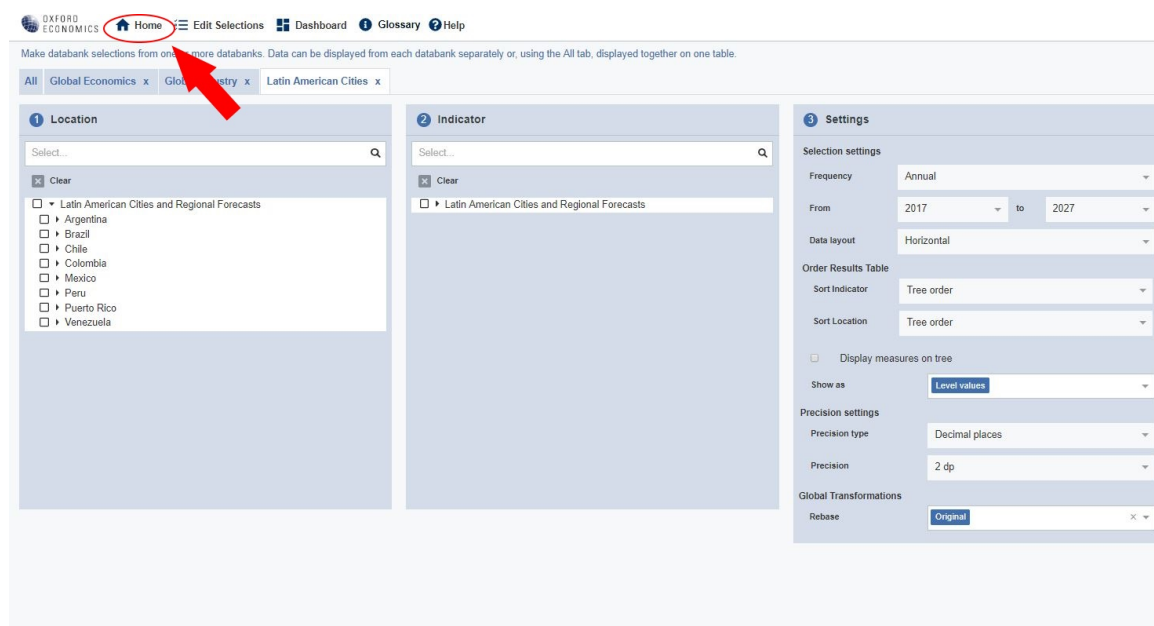


There are different ways you can search:

1. Use the scroll bar to view all suggestions if a long list is displayed.
2. Use the up/down arrow keys to highlight the desired suggestion.
3. Click the Enter key or click to add the highlighted suggestion to the list of search terms.
























Accessing The Homepage

The Main Page will be displayed when you first access the application, and provides ready access to three frequently-used facilities. You will notice that the databanks are organised using different categories. For example, Countries, Industries, Cities and Travel & Tourism. Under each category there is data associated to the category. Making it easier for you to navigate through. You can either select the whole databank by clicking on the small tick box next to the title, or select your preferred databanks throughout the categories.



Retrieve a Saved Selection

You can now easily retrieve a saved selection from the homepage. *This option is only available when you have previously saved at least one selection.*

| Retrieve a saved data selection to view or download | |
|---|---|
| Recent saved selections ⓘ | |
| ONLINE - Thu Jun 28 (imported) |      |
| Selection - Tue Jul 10 2019 (imported) |      |
| Save Selection Example |      |
| 2019-01-11T11:19:01.587 |      |
| Selection - Fri May 03 2019 (imported) |  |
| Key indicators (imported) |  |
| Online Test Selection (imported) |  |

Once you have selected your preferred saved selection, you can either open the data in a table, edit, delete, or share it. When a saved selection is retrieved, matching data is automatically opened.

Description

Example

To retrieve a saved selection and open it in a **Table**, click the table icon within the retrieve a saved selections list located on the homepage. Your selection will now load in the display data area within a table.

| | |
|--|---|
| 2019-01-11T11:19:01.587 |      |
| Selection - Fri May 03 2019 (imported) |      |
| Selection - Tue Jul 10 2018 (imported) |  |
| Key indicators (imported) |  |

Rename Save Selection You can rename your save selection by simply clicking on the rename icon within your retrieve a saved selection section.

| | |
|--|---|
| 2019-01-11T11:19:01.587 |      |
| Selection - Fri May 03 2019 (imported) |      |
| Selection - Tue Jul 10 2018 (imported) |  |

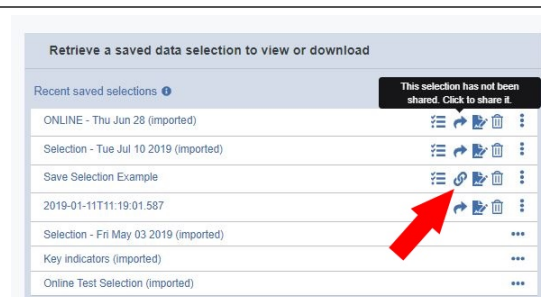
Easily **Delete** save selections you do not wish to keep by clicking on the trash can icon.

| | |
|--|---|
| 2019-01-11T11:19:01.587 |      |
| Selection - Fri May 03 2019 (imported) |      |

Description

Example

You are now able to **Share** your save selection either via a link or direct email. Once you have shared your selection the icon in the image will appear to inform you of this



Recent Downloads

You recent downloads are located just under your saved selections on the datapage homepage. Here you can check your data source, update or simply remove downloads you no longer want to keep.

Description

Example

View source selection clicking on this icon will take you to your original data table. You can also edit your download by clicking on the edit selections tab at the top of you screen.



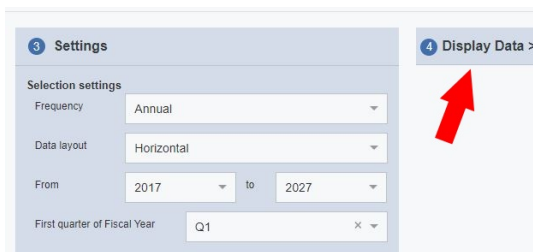
Save Selections and Settings

You can save selection criteria and settings for future use. This allows you to define a query once and then run it to view matching results whenever you wish in the future, and to see how the forecast data may have changed. This option is available whenever you have defined a valid selection, which must comprise at least one location or indicator.

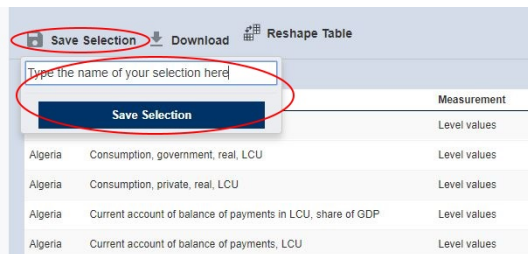
Description

Example

To save your current settings and selections click **Save** on the menu bar. Choose a databank of your choice Set your selection criteria in the 'Edit Selections' page. Click on 'Display Data'



Click on the 'Save Selection' button Name your selection Click on 'Save Selection' **Note:** The databases selected will not be saved in the file.



| | | Measurement |
|---------|---|--------------|
| | | Level values |
| Algeria | Consumption, government, real, LCU | Level values |
| Algeria | Consumption, private, real, LCU | Level values |
| Algeria | Current account of balance of payments in LCU, share of GDP | Level values |
| Algeria | Current account of balance of payments, LCU | Level values |

View Results In a Table

Selection results are displayed on the Table Page. You will be automatically taken to the Table Page when you perform a search, open a saved selection, or define a selection on the Selection page. At any time, you can display the Table Page by clicking Table button on the menu bar within the Display Data area.



1. When the table is initially viewed, it will be sorted by the first column.
2. To swap the Location and Indicators columns, change the Group by... setting in the Settings slide-out menu (see below).
3. Click on any column heading to sort by that column.
4. Click on any column heading for a second time to reverse the sort order on that column.
5. The table is now separated into pages. Click 'Next page' or 'Previous page' to browse results.
6. Table settings can be adjusted using the Settings slide-out menu (see below).

Download Results

Click **Download** on the menu bar to open the **Download Data** slide-out menu:



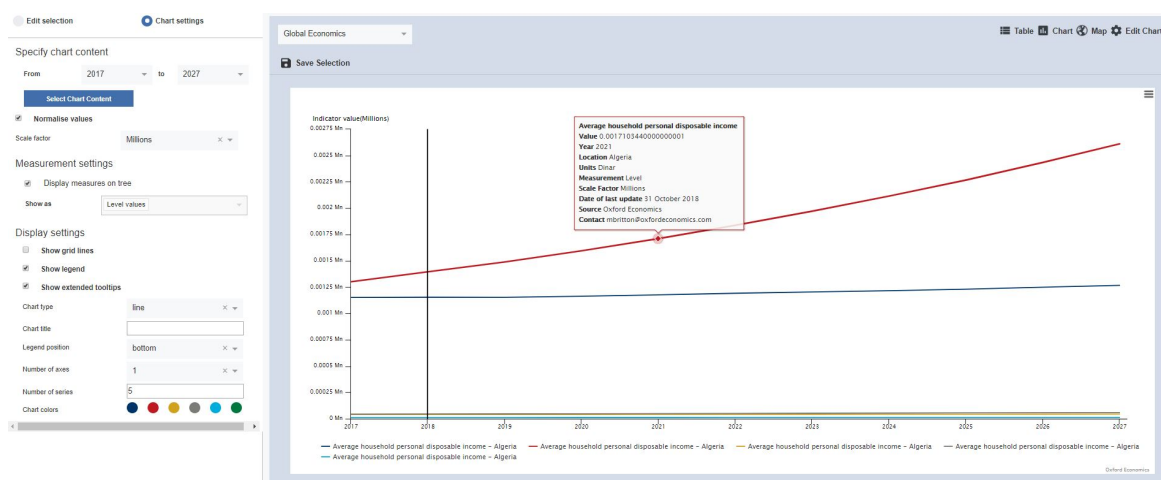
| Description | Example |
|---|---|
| <p>By default the slide-out menu allows you to download the currently selected data. You may edit the download's file name, and opt to save the data in one of the following formats: CSV (plain, comma-separated, text) XLSX (Microsoft Excel 2007/2010) Click Download to download the file to your computer's designated download folder.</p> | A screenshot of a download dialog box. It has a text input field containing 'Example Download'. Below the input field are two buttons: 'Save CSV' and 'Save Excel'. |

View Results In Charts

Selection results can also be displayed in a Chart Page. To open this page, click Chart on the Display Data page:



The results of your current search will now be rendered as a chart. Hover the cursor over a data point to see its detail:



Changing The Chart Setting

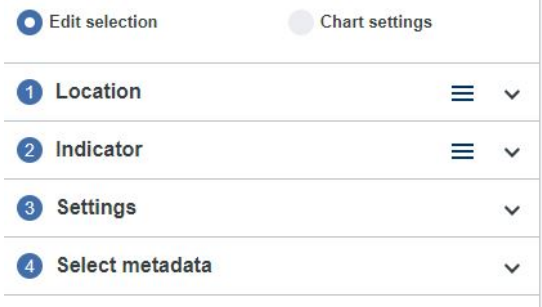
The chart settings panel will automatically open to the left hand side of your screen. There are many different functionalities that allow you to change elements of your chart:

| Description | Example |
|-------------|---|
| | <div> <div> <input type="radio"/> Edit selection <input checked="" type="radio"/> Chart settings </div> <div> <h3>Specify chart content</h3> <div> <div>From</div> <div>2017</div> <div>to</div> <div>2027</div> </div> <div>Select Chart Content</div> <div> <input checked="" type="checkbox"/> Normalise values </div> <div> <div>Scale factor</div> <div>Billions</div> <div>×</div> <div>▼</div> </div> <h3>Measurement settings</h3> <div> <input type="checkbox"/> Display measures on tree </div> <div> <div>Show as</div> <div>Level values</div> <div>▼</div> </div> <h3>Display settings</h3> <div> <input type="checkbox"/> Show grid lines <input checked="" type="checkbox"/> Show legend <input type="checkbox"/> Show extended tooltips </div> <div> <div>Chart type</div> <div>line</div> <div>×</div> <div>▼</div> </div> <div> <div>Chart title</div> <div></div> </div> <div> <div>Legend position</div> <div>bottom</div> <div>×</div> <div>▼</div> </div> <div> <div>Number of axes</div> <div>1</div> <div>×</div> <div>▼</div> </div> <div> <div>Number of series</div> <div>5</div> </div> <div> <div>Chart colors</div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> </div> </div> </div> |

Edit the **Period** using the 'from' and 'to' drop-down menus by selecting your preferred data period. To change the **Frequency** and **Precision** click on 'Edit Selection' and then click on 'Settings' **Select Chart Content** gives you the option to select series to show within the Chart **Normalize Values** allows you to select what type of scale factor you would like to apply. For example, Units, Millions, Billions and Trillions. Use the **Chart type** drop-down to choose a line, bar, area chart. Use the Legend position drop-down to move the legend either to the bottom, or to the top. Use the **Legend Position** to move the table from top to bottom. Edit the **Number of series** as required. **Number of axes** you can select up to 2 axes to place on your chart **Chart colours** you have a selection of colours to choose from to tailor your chart **Display settings** allows you to choose if you want to display either grid lines and legend Changes will be made automatically as you continue to update details of your chart To close the slide-out menu: Click the **Close** button at the bottom of the chart settings panel

| Description | Example |
|-------------|---------|
|-------------|---------|

Changing The Chart Content

| Description | Example |
|-------------|--|
| |  |

Edit Selections To adjust which data series to show in the Chart, click **Edit chart** at the top of the chart settings slide-out menu.

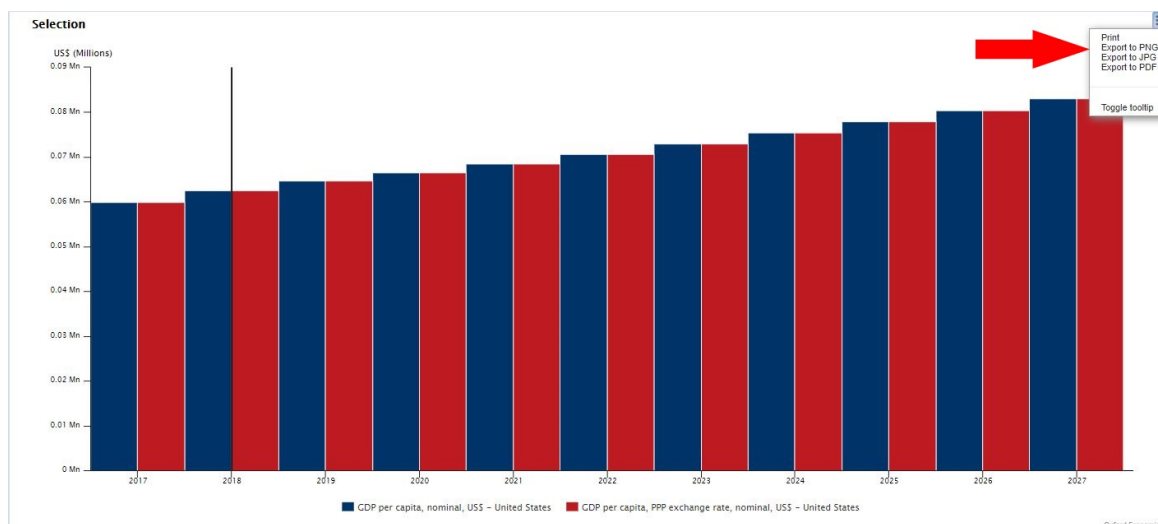
| Description | Example |
|-------------|---------|
| | |

The **Edit Selection** slide-out menu allows you to edit the locations, indicators, settings and metadata. Click on one of the options to open up the drop-down menu. Use the checkboxes to include or exclude data series from the chart. Click **Clear** to deselect all data series. Click **All** to select all data series. The changes you make will automatically update the chart. To close the slide-out menu: Click the **close** located at the bottom right of the slide-out menu.

| Description | Example |
|--|--|
| | <div> <div>4 Select metadata</div> <div> <div>Series Metadata</div> <div> <input checked="" type="checkbox"/> Location <input checked="" type="checkbox"/> Indicator <input checked="" type="checkbox"/> Units <input checked="" type="checkbox"/> Scale <input checked="" type="checkbox"/> Source <input checked="" type="checkbox"/> Measurement <input checked="" type="checkbox"/> Seasonally adjusted <input checked="" type="checkbox"/> Base year price <input checked="" type="checkbox"/> Base year index <input checked="" type="checkbox"/> Historical end <input checked="" type="checkbox"/> Date of last update <input checked="" type="checkbox"/> Source details <input type="checkbox"/> Additional source details <input checked="" type="checkbox"/> Contact Email </div> </div> </div> |
| <p>Add Custom Metadata You can now specify the metadata that is current shown on your chart</p> | |

Downloading and Printing a Chart

Click the button in the top right corner of the chart to manage downloading to your computer:



You will be offered the following choices:

- Print your chart
- Download a PNG (image)
- Download a JPEG (image)
- Download a PDF (document)

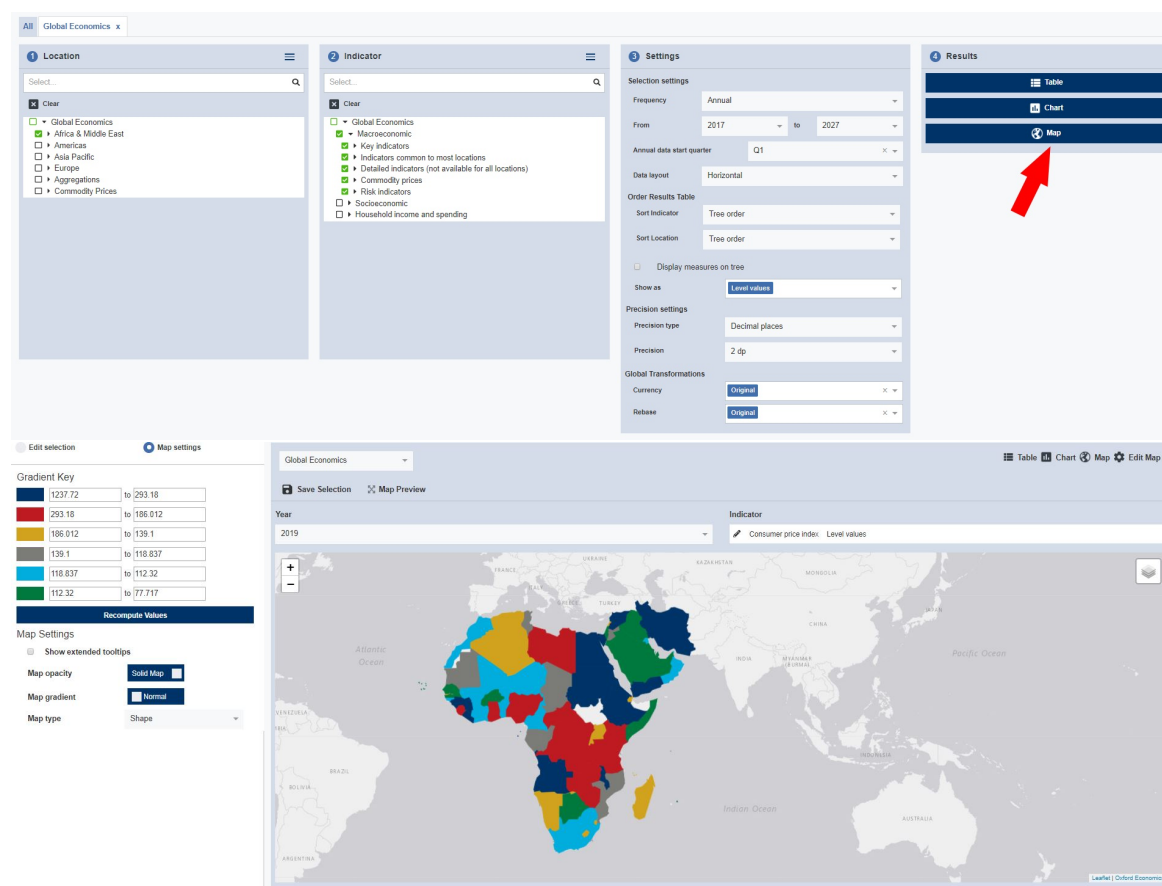
- Download a SVG file (image)

The download file will be given a default name and saved in your computer's designated download folder.

View Results In Maps

To view your chosen selection within a map, simply choose your locations and indicators in the edit selections page. Once you are ready click on "Map" You will now be taken to your map with a focus on the countries and indicators you have made.

data on a global map, click **Map** on the menu bar.



The map can be adjusted using your mouse to move around the map, or zoom in and out:

Using the mouse

Zoom in or out Rotate the slider wheel on your mouse

Move the map Position the mouse over the map so the pointer changes to a hand. Drag in any direction by holding down the left mouse button and moving the mouse.

Using Controls

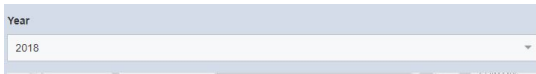

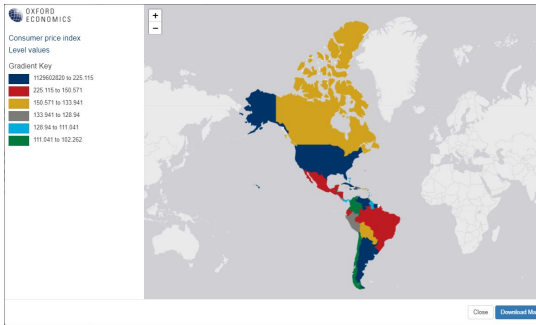
Use the slider bar towards the top left of the map.

Click on the arrows within the circular button at the top left of the map.

| Using the mouse | Using Controls |
|---|--|
| Hover over a country Hover over a coloured location and the details will appear on the map | Click on a country of your choice in colour and the Gradient details will change accordingly |

Adjust How The Data Is Displayed On The Map

Use the drop-down menu items on the top border of the map to select a specific datapoint to compare.

| Description | Example |
|---|---|
| Use the Display Year drop-down list to change the year the data represents: |  |
| Use the Indicator drop-down list to change the indicator used to colour the map. |  |
| To Download your map Click on Map Preview this will not only provide you with a more focused view; you are also able to download your map as a .png file. |  |







Changing The Map Settings

Gradient Slide-out Menu

To alter the colours and groups used to represent values on the map us the Gradient Key menu located on the left hand side of your screen.

☐ Edit selection ☒ Map settings

Gradient Key

| | | | |
|---|--------------------------------------|----|-------------------------------------|
|  | <input type="text" value="1684.57"/> | to | <input type="text" value="263.62"/> |
|  | <input type="text" value="263.62"/> | to | <input type="text" value="180.05"/> |
|  | <input type="text" value="180.05"/> | to | <input type="text" value="148.75"/> |
|  | <input type="text" value="148.75"/> | to | <input type="text" value="115.73"/> |
|  | <input type="text" value="115.73"/> | to | <input type="text" value="110.95"/> |
|  | <input type="text" value="110.95"/> | to | <input type="text" value="74.24"/> |

Recompute Values

Map Settings

Map opacity

Solid Map ☐

Map gradient

☐ Normal

Map type

Shape ▼

If you wish to edit the data displayed in the map, click **Edit Selection** at the top of the menu bar.

| | |
|---|------------------------------------|
| <input checked="" type="radio"/> Edit selection | <input type="radio"/> Map settings |
| 1 Location | ▼ |
| 2 Indicator | ▼ |
| 3 Settings | ▼ |
| 4 Select metadata | ▼ |

Map Settings Explained

| Description | Example |
|-------------|---------|
|-------------|---------|

Click **Recompute Values** to return the settings shown in the slide-out menu to their default.

Gradient Key

| | | | |
|-------------|---------|----|---------|
| <div></div> | 72334.9 | to | 11546.6 |
| <div></div> | 11546.6 | to | 6198.37 |
| <div></div> | 6198.37 | to | 3122.99 |
| <div></div> | 3122.99 | to | 1613.89 |
| <div></div> | 1613.89 | to | 644.04 |
| <div></div> | 644.04 | to | 46.69 |

Recompute Values

To edit what data is displayed on the map, such as the indicators and locations. Click on 'Edit selection' at the top of the gradient key menu. You can adjust the date range and indicator on the main map display area. **Note:** many data series are not published quarterly and so will not appear in the results. For more complete selections, opt to display both quarterly and annual data.

Click **Map gradient** to update the gradient to either 'Normal' or 'Reverse'

Update the **Map opacity** to change the

Selection settings

Frequency

Annual

Data layout

Annual

Quarterly

Annual & Quarterly

From

First quarter of Fiscal Year

Q1

Measurement settings

☐ Display measures on tree

Show as



Level values

Map gradient

Reverse

Map opacity

Solid Map

| Description | Example |
|--|--|
| <p>Change the Map Type to either display as shape or bubble</p> |  |
| <p>You can Change size of bubbles by adjusting the Scale factor. You are also able to edit the secondary indicator and Secondary year</p> |  |

The changes you make within the Map settings menu will automatically be updated as you continue to edit.

View Results In A Table

Selection results are displayed on the Table Page. You will be automatically taken to the Table Page when you perform a search, or open a saved selection, or define a selection on the Selection page and click Display Data.

Note: this button is only enabled when a valid selection exists (i.e. you have selected at least one Location or Indicator).



The results table

Global Economics

Table Chart Map Edit Table

Save Selection Download Reshape Table

Red is forecast | Italic is interpolated

| Location | Indicator | Units | Scale | Measurement | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|----------|---|--------------|-----------------------|--------------|----------|----------|----------|----------|----------|----------|----------|
| Anguilla | Consumer price index | Index | 2010=100 | Level values | 105.85 | 106.30 | 107.42 | 109.47 | 111.87 | 114.27 | 116.76 |
| Anguilla | General government final consumption expenditure, real, LCU | ECS | Millions: 2005 prices | Level values | 90.50 | 92.05 | 94.00 | 96.30 | 99.22 | 101.86 | 104.36 |
| Anguilla | Consumption, government, real, LCU | ECS | Millions: 2005 prices | Level values | 90.50 | 92.05 | 94.00 | 96.30 | 99.22 | 101.86 | 104.36 |
| Anguilla | Household consumption expenditure (including Non-profit institutions s... | ECS | Millions: 2005 prices | Level values | 474.55 | 487.74 | 505.77 | 520.16 | 534.63 | 547.73 | 561.15 |
| Anguilla | Consumption, private, real, LCU | ECS | Millions: 2005 prices | Level values | 474.55 | 487.74 | 505.77 | 520.16 | 534.63 | 547.73 | 561.15 |
| Anguilla | Current account of balance of payments in LCU, share of GDP | % of GDP | | Level values | -22.16 | -27.07 | -27.16 | -24.29 | -22.78 | -21.57 | -21.63 |
| Anguilla | Current account of balance of payments, LCU | ECS | Millions | Level values | -168.21 | -211.90 | -225.45 | -212.28 | -210.32 | -210.05 | -215.45 |
| Anguilla | Current account of balance of payments, US\$ | US\$ | Millions | Level values | -62.30 | -78.48 | -83.50 | -78.62 | -77.90 | -77.79 | -79.80 |
| Anguilla | Employment, total | Person | Thousands | Level values | 7.40 | 7.39 | 7.42 | 7.44 | 7.45 | 7.45 | 7.45 |
| Anguilla | Exchange rate, period average, per Euro | ECS per Euro | | Level values | 3.05 | 3.19 | 3.04 | 3.06 | 3.14 | 3.21 | 3.29 |
| Anguilla | Exchange rate, period average | ECS per US\$ | | Level values | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 | 2.70 |
| Anguilla | Exports, goods & services, real, LCU | ECS | Millions: 2005 prices | Level values | 271.39 | 273.32 | 278.23 | 281.68 | 285.80 | 290.59 | 295.91 |
| Anguilla | Exports, goods & services, real, LCU | ECS | Millions: 2005 prices | Level values | 271.39 | 273.32 | 278.23 | 281.68 | 285.80 | 290.59 | 295.91 |
| Anguilla | GDP deflator | Index | 2005=100 | Level values | 122.69 | 124.21 | 127.35 | 130.49 | 133.63 | 136.97 | 140.40 |
| Anguilla | GDP per capita, PPP exchange rate, real, US\$ | US\$ | 2015 prices | Level values | 13061.70 | 13182.50 | 13513.50 | 13764.30 | 14133.10 | 14472.20 | 14787.30 |
| Anguilla | GDP per capita, nominal, US\$ | US\$ | | Level values | 18897.70 | 19309.30 | 20294.50 | 21181.00 | 22272.00 | 23376.70 | 24483.00 |
| Anguilla | GDP per capita, PPP exchange rate, nominal, US\$ | US\$ | | Level values | 12531.70 | 13068.80 | 13853.70 | 14465.30 | 15160.80 | 15886.40 | 16609.10 |

Page: 1

Next Page

When the table is initially viewed, it will be sorted by the first column.-

How to reshape your table

Once you have selected the data you would like to view in your table. You now have the possibility to manipulate your results by reshaping your data directly on in the databank. When you click on **Table Reshaper** you will be shown dimensions. Dimensions are your categories of data you can move. For example, location, indicator and scenario. Each databank will have different dimensions depending which databank you are working on at the time.

You can easily move your dimensions by dragging and dropping the measurement and indicator into your column. This will reshape your data how you have specified in the table.

Global Economics

Table Chart Map Edit Table

Save Selection Download Reshape Table

Red is forecast | Italic is interpolated

| Location | Indicator | Units | Scale | Measurement | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|----------|---|-------|-----------------------|--------------|--------|--------|--------|--------|--------|--------|--------|
| Anguilla | Consumer price index | Index | 2010=100 | Level values | 105.85 | 106.30 | 107.42 | 109.47 | 111.87 | 114.27 | 116.76 |
| Anguilla | General government final consumption expenditure, real, LCU | ECS | Millions: 2005 prices | Level values | 90.50 | 92.05 | 94.00 | 96.30 | 99.22 | 101.86 | 104.36 |
| Anguilla | Consumption, government, real, LCU | ECS | Millions: 2005 prices | Level values | 90.50 | 92.05 | 94.00 | 96.30 | 99.22 | 101.86 | 104.36 |
| Anguilla | Household consumption expenditure (including Non-profit institutions s... | ECS | Millions: 2005 prices | Level values | 474.55 | 487.74 | 505.77 | 520.16 | 534.63 | 547.73 | 561.15 |

You will now be able to easily edit how the data is displayed in your table by dragging and dropping the columns and row titles.

Columns

Year 17

Rows

Databank 17 Location 17 Indicator 17 Transformation 17 Release 17 FiscalYearStartQuarter 17 Currency 17 Precision 17



| Location | Indicator | Measurement | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | Scaling | Base Year Price | Base Year Index | Unit | History Ex |
|----------|------------------------------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------------|-----------------|--------|------------|
| Algeria | Consumer price index | Level values | 134.85 | 142.38 | 149.37 | 158.11 | 167.93 | 176.31 | 189.28 | 200.89 | 213.14 | 226.10 | 239.91 | 2010=100 | 2010 | Index | 2017Q... |
| Algeria | Consumption, government, real, LCU | Level values | 1445800.00 | 1464610.00 | 1502890.00 | 1487510.00 | 1443290.00 | 1484220.00 | 1490270.00 | 1532010.00 | 1574790.00 | 1618820.00 | 1662520.00 | Millions: 2005 prices | 2005 | Dinar | 2016Q... |
| Angola | Consumer price index | Level values | 130.70 | 169.70 | 202.77 | 235.38 | 267.86 | 300.89 | 336.88 | 374.34 | 414.54 | 457.40 | 502.48 | 2015=100 | 2015 | Index | 2017Q... |
| Angola | Consumption, government, real, LCU | Level values | 193774.00 | 200110.00 | 217620.00 | 219643.00 | 215482.00 | 214720.00 | 218272.00 | 227328.00 | 236080.00 | 244970.00 | 254024.00 | Millions: 2002 prices | 2002 | Kwanza | 2015Q... |

Table Settings Menu

To edit your data selection, you can use the 'Edit Table' tab located on the left hand side of your screen.



The Settings slide-out menu can be closed at any time by clicking the 'Edit Table' button again. The contents of the Settings slide-out menu are identical to those shown on the Edit Selections Page and operate in exactly the same way.

| Description | Example |
|--|--|
| <p>The Selection Settings affect how the data is displayed in the results table. Change the range of years for which data is required. Change the frequency of data points (Annual, Quarterly, or Both) Note: many data series are not published quarterly so annual will need to be selected for these countries. Edit the data layout to either be displayed Horizontally or Vertically. The Annual data start quarter allows you to specify the fiscal year for a specific quarter within your annual data.</p> |  |
| <p>The Annual data start quarter allows you to specify the fiscal year for a specific quarter within your annual data.</p> |  |

| Description | Example |
|-------------|---------|
|-------------|---------|

The **Measurement** , **Sort** and **Display Settings** affect how the data is shown in the results table. Choose a Data Format such as **Level** or **% Change Year-on Year**. The options presented will match the setting for Frequency in the upper slide-out menu. Choose a number of decimal places from the Precision type drop-down menu. For quarterly data, opt to display quarters vertically within each year column, or horizontally as a time series. Choose whether to group results by location or indicator. Choose whether to show group headings. Choose whether to show results in forward or reverse order.

Order Results Table Settings Allows you to control what order your data will be displayed. For example, you can choose either "Tree Order" or "Alphabetically"

The **Global Transformation Settings** define how you would like the selection branches in the Locations and Indicators columns to behave: Check the tick-boxes to automatically expand sub branches when they are selected. Uncheck the tick-boxes to manually expand each branch

Measurement settings

☐ Display measures on tree

Show as Level values × ▼

Precision settings

Precision type Decimal places ▼

Precision 2 dp ▼

Order Results Table

Sort Indicator Tree order ▼

Sort Location Tree order ▼

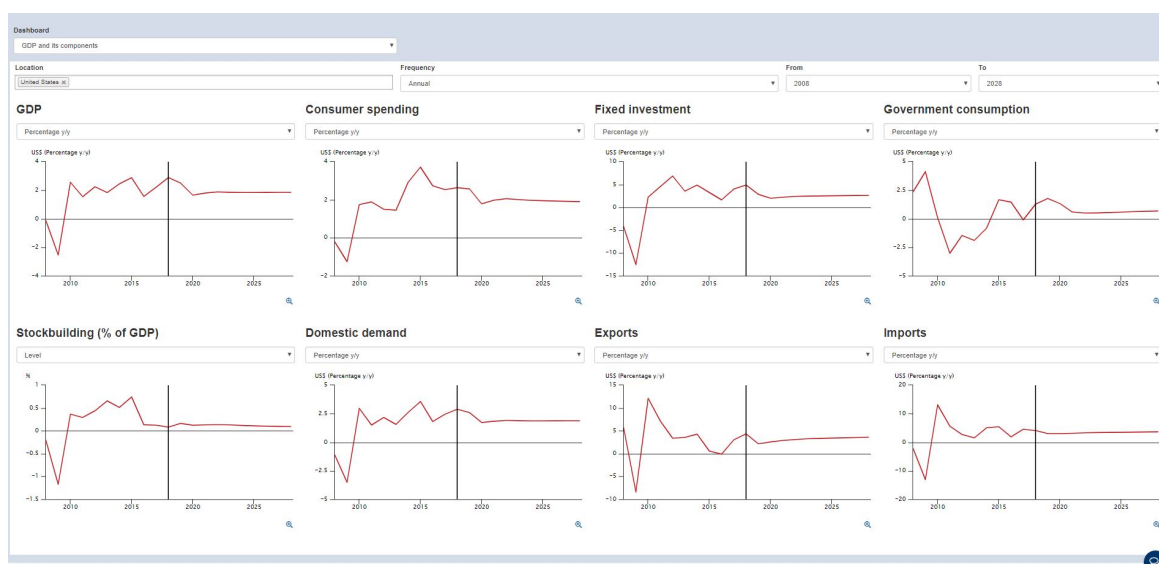
Global Transformations

Rebase year Original ▼

Currency Original × ▼

| Description | Example |
|--|---|
| <p>Select Metadata allows you to add/remove metadata from your table.</p> | <div> <div>4 Select metadata</div> <div> <div>Series Metadata</div> <div> <input checked="" type="checkbox"/> Location <input checked="" type="checkbox"/> Indicator <input checked="" type="checkbox"/> Measurement <input type="checkbox"/> Annualisation Type </div> </div> </div> |

View Results In Dashboard







To view data on dashboard, click **View dashboards** on the homepage

OXFORD ECONOMICS Home Edit Selections Dashboard Glossary Help

Global Data Workstation **BETA**

Make a new selection

Choose one or more databanks, then click **Enter** to build a query, or click **Search** to find specific data

| | | | |
|--|--|--|--|
|  <p><input type="checkbox"/> Countries</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Global Economics <input type="checkbox"/> Global Trade <input type="checkbox"/> Global Scenarios <input type="checkbox"/> Australia in detail <input type="checkbox"/> Brexit Scenarios Service |  <p><input type="checkbox"/> Industries</p> <ul style="list-style-type: none"> <input type="checkbox"/> Global Industry <input type="checkbox"/> Asian Construction <input type="checkbox"/> Australian Building Forecast Service <input type="checkbox"/> Australian Construction <input type="checkbox"/> US Industry & Construction <input type="checkbox"/> Australian Commercial Property |  <p><input type="checkbox"/> Cities</p> <ul style="list-style-type: none"> <input type="checkbox"/> Global Cities <input type="checkbox"/> African and Middle Eastern Cities <input type="checkbox"/> Asian Cities <input type="checkbox"/> China Cities <input type="checkbox"/> European Cities <input type="checkbox"/> Latin American Cities <input type="checkbox"/> North American Cities and Regions <input type="checkbox"/> UK Regional <input type="checkbox"/> UK Local Authority Districts |  <p><input type="checkbox"/> Travel & Tourism</p> <ul style="list-style-type: none"> <input type="checkbox"/> Global Travel Service <input type="checkbox"/> Global City Travel <input type="checkbox"/> Air Passenger Forecasts [IATA] <input type="checkbox"/> International State Travel <p><input type="checkbox"/> Other</p> <ul style="list-style-type: none"> <input type="checkbox"/> High Frequency |
|--|--|--|--|

Enter Search

Information on our Databanks

Dashboards - Dashboard allows the user to select the type of dashboard from the drop-down list. There are 5 different dashboards and each show different sets of indicators.

Dashboard

GDP and its components

Labour market

Inflation and its determinants

Trade and balance of payments

GDP and its components

Definitions

You can check indicator definitions by clicking on **Glossary** from the top menu bar on your screen. Next, click on **World Macro Databank**. This will download a document containing the indicator codes names and definitions. You can also check which Countries are included in certain regions/headings.

Glossary **Help**

World Macro Databank

| | |
|--|-----------|
|  OXFORD ECONOMICS | |
| Databank Glossary | |
| CONTENTS | |
| Data definitions | 1 |
| Risk Conversions | 17 |
| Aggregation definitions | 18 |

Global Data Workstation Help

For more information and guidance, please click on **Help** located on your top menu bar. Here, you can find a further information about the databank and details on who to contact should you require assistance.

