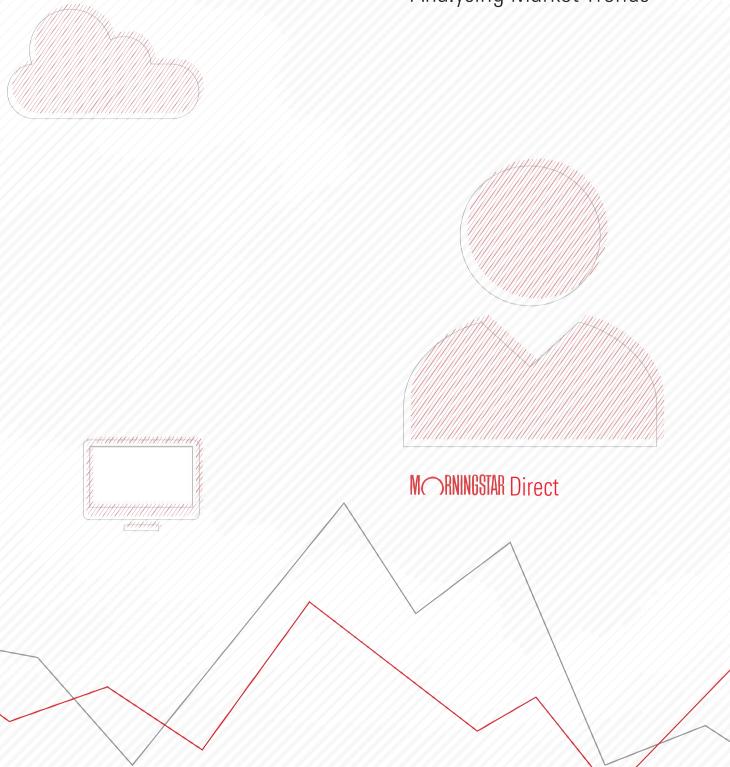
Morningstar Direct Training GuideAnalysing Market Trends



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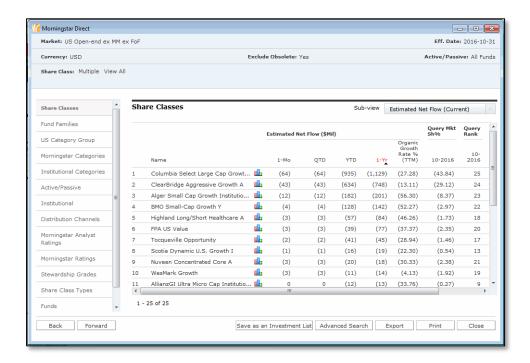




Analysing Market Trends

Overview

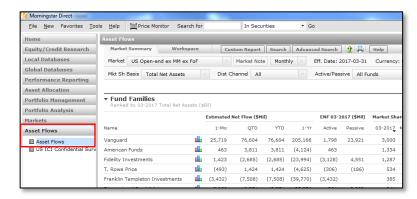
The Asset Flows module in Morningstar Direct uses estimated data (provided by fund families to Morningstar) to understand changes in asset levels at the fund, category, strategy (active vs. passive), and firm level. Not only can you see which items have net inflows vs. outflows, but you can also evaluate the size of the change relative to a fund itself, and take measure of investment trends as individuals and institutions adjust to market conditions.



Morningstar Asset Flows supplies critical knowledge for monitoring broad investor trends performing competitive analysis, developing new products, and marketing managed investment products. It delivers comprehensive estimated cash flow and market share data for a variety of investment types across multiple geographical markets. Fund marketing professionals, financial analysts, and the media rely on this data to track trends in the asset management industry.

To access Asset Flows, do the following:

- 1. Log in to Morningstar Direct using your credentials.
- 2. Click on the **Asset Flows** folder in the left navigation panel.



Exercise 1: Accessing Asset Flows



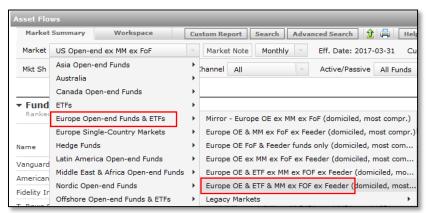
Morningstar Asset Flows hosts several databases over various geographical areas and investment types.

Exercise 2: Changing Market Universe

Each database will be displayed in a specific currency, related to that market. For instance, the US databases are displayed in US Dollars, whereas the Europe Open-end Funds & ETFs databases are displayed in Euro.

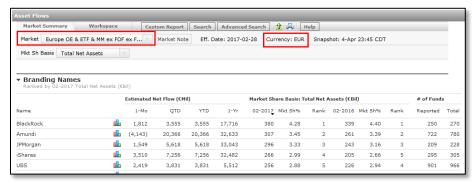
To select a specific universe, do the following:

- 1. From the **Market Summary** tab, click the **Market** drop-down menu.
- 2. Select Europe Open-end Funds & ETFs > Europe OE & ETF & MM ex FOF ex Feeder.



Select Europe OE & ETF & MM ex FOF ex Feeder

The Europe OE & ETF & MM database is now displayed on the page. Note that the currency is in Euro.



The market is broken down into various groupings, such as Asset Classes, Fund Families, Morningstar Categories, Index Funds, and more. Within each grouping variable, local results for the given market will be displayed.

We want to start an analysis with asset classes, identifying the one with the highest estimated net flows over the last year, and break it down to find the fund family with the highest flows.

Exercise 3: Identifying the top Asset Class

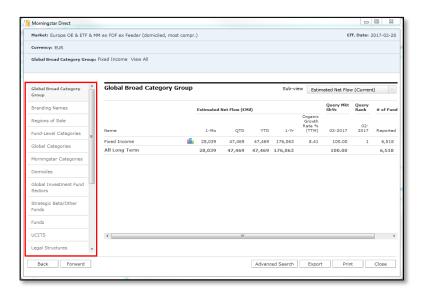
To get started, do the following:

- From the Market Summary page, use the second grouping Global Broad Category Group.
- 2. Under the **1-Yr** column, identify which asset class has the highest flows.
- 3. Under the **Name** column, click on that asset class. A new window opens.



Click on the identified asset class

We now see only the **Fixed Income** asset class. The left panel offers additional filter options, such as Domicile, Morningstar Categories, Strategic Beta, Index Funds, Morningstar ratings, and more.



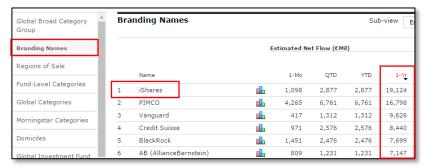
Note the Filter options available

From this view, we can apply additional filters to help us find where the money was flowing into over the last year.

Exercise 4: Applying Additional Filters

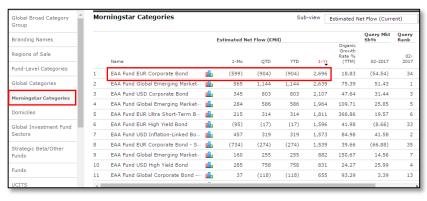
To apply a filter, do the following:

- 1. From the left panel, click **Branding Names**.
- 2. Click on the 1-Yr column to sort descending.



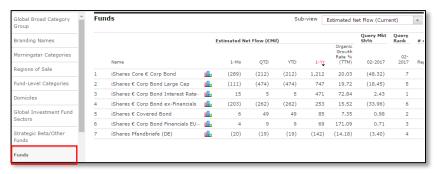
Sort on the highlighted column

- iShares is the fund family with the highest flows over that time period.
- 3. Click on **iShares**. The page refreshes to show only this fund family.
- 4. From the left panel, click Morningstar Categories.



Filter on
Morningstar
Categories

- EAA Fund EUR Corporate Bond is the Morningstar Category with the highest flows over the last year.
- 5. Click on **EAA Fund EUR Corporate Bond**. The page refreshes to show only this Morningstar Category.
- 6. From the left panel, click **Funds**.



Filter on **Funds**

Seven funds are displayed; iShares Core € Corp Bond had the highest flows over the last year.

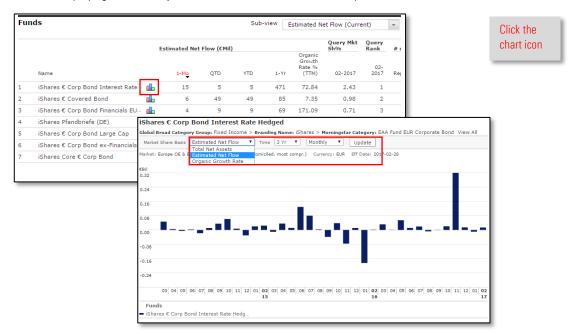
Analysing Market Trends Exercise 5: Charts

Within Asset Flows, you can generate a bart chart displaying historical flows.

Exercise 5: Charts

To display the first fund in a chart, do the following:

1. Click the bar chart icon next to the first fund's name. A new window opens, displaying the **Monthly Estimated Net Flows** over the last 3 years.



- Using the controls at the top of the screen, select Total Net Assets over 1 Year displayed with a monthly frequency.
- 3. Click Update.



4. Click **Export Data** to export to Microsoft Excel.

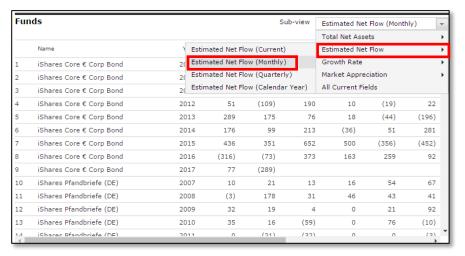
Analysing Market Trends Exercise 7: Custom Report

Now that we have a short list of investments, we can easily change the displayed data and export to Microsoft Excel.

Exercise 6: Changing Displayed Data

To do so, do the following:

 Using the Sub-view drop-down menu in the top-right corner of the window, select Estimated Net Flow > Estimated Net-Flow (Monthly).



- Note: The monthly data is displayed in a matrix format.
- Using the Sub-view drop-down menu, select Total Net Assets > Total Net Assets (Calendar Year) to change the view.
 - Mote: Calendar year is displayed in a matrix format.



Analysing Market Trends Exercise 7: Custom Report

Custom Report is a useful tool to extract the latest or historical total net assets and fund flows at an aggregated or fund level.

Exercise 7: Custom Report

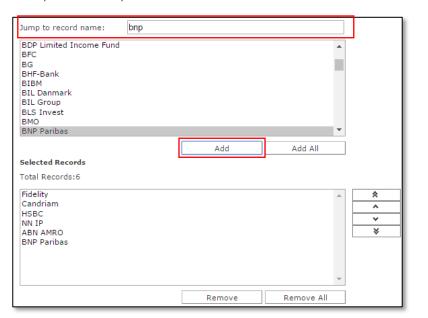
We will now learn how to create a custom report for competitor analysis purposes. We want to select a few fund families and see their total net assets and estimated net flows over the last year aggregated by Morningstar Rating.

To do so, do the following:

- 1. From the Asset Flows page, click the **Custom Report** button. The **Custom Reports** dialogue box opens.
- 2. In the Query section, type "Competitor Analysis" in the Name field.
- In the Row Definition section, using the Group By drop-down menu, select Branding Name.
- 4. Click **Select a Subset** to the right of that menu. A selection window opens.



- 5. At the bottom of the window, click **Remove All**.
- 6. In the **Jump to record name**, type **Fidelity**.
- 7. Select Fidelity from the list and click **Add**.
- 8. Repeat the same operation for Candriam, HSBC, NN IP, ABN AMRO, BNP Paribas.



Enter company name here

Click Add

9. Click OK.

Analysing Market Trends Exercise 7: Custom Report

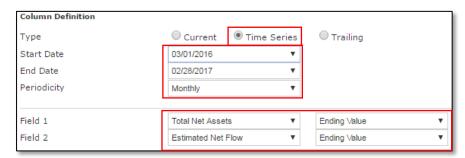
10. Using the **Sub-Group By** drop-down menu, select **Morningstar Rating**.



That's it for our selection. Next, we want to display a time series of total net assets and estimated net flows for the last year on a monthly basis.

To do so, do the following:

- 1. In the **Column Definition** section, facing **Type**, select **Time Series**.
- 2. Using the **Start Date** drop-down menu, select a one-year time period.
- 3. Using the **Periodicity** drop-down menu, select **Monthly**.
- 4. Using Field 1, select Total Net Assets and Ending Value.
- 5. Click **Add Field**. Another selection row appears.
- 6. Using the Field 2 drop-down menu, select Estimated Net Flow and Ending Value.



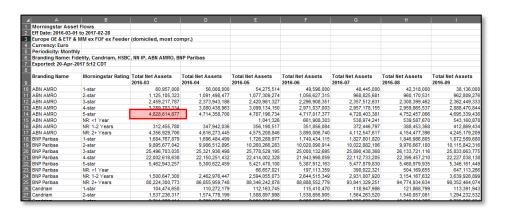
See highlighted areas

- 7. Using the Sort By drop-down menu, select Branding Name, Ascending.
- 8. Using the **Then By** drop-down menu, select **Morningstar Rating**, **Ascending**.



- Note: These settings will provide aggregated Total Net Assets and Estimated Fund Flows at the company level and by Morningstar Star Rating.
- 9. Click **Save** to save the report in Asset Flows. You will be prompted to give a name to the guery. You may call it "Competitor Analysis".
- 10. Click **Generate Report** to extract the information in Excel.
- 11. Click **Close** to close this dialogue box.





Exercise 8: Charting in Microsoft Excel

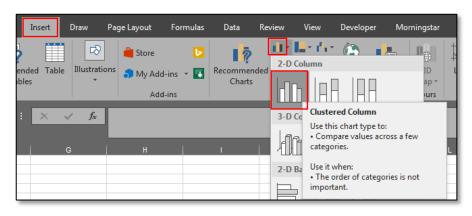
Data is exported in Microsoft Excel

From Microsoft Excel, you can now analyse the data further. For instance, we can see that ABN AMRO's Total Net Assets are mostly in 5 star rated funds.

From there, we can generate a chart to see the trends for this fund company over the last year.

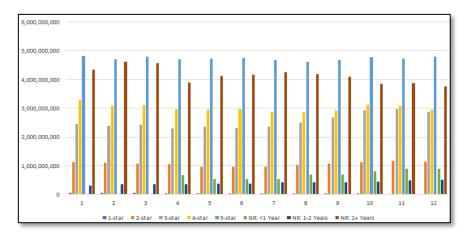
To generate a graph, do the following:

- Select cells B10 to N17 to select all ABN AMRO funds with star ratings and Total Net Assets
- 2. From the **Toolbar**, click the **Insert** tab and select the 2-D Column chart.



Generate a graph

You can now visualise changes in the aggregated data over time.



The advantage of saving your Custom Report, is to be able to run it time and time again and extract the latest data.

Exercise 9: Modifying a Custom Report

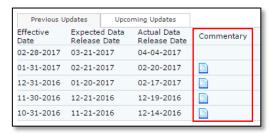
Custom Reports are saved within Asset Flows, on the Workspace page. We are now going to use the report we just saved and modify it to display the funds.

To do so, do the following:

1. Within Asset Flows, click the **Workspace** tab.



• Note: From the Commentaries section, you can check previous and upcoming database updates dates, as well as access the market commentaries.



Access the monthly commentary for the selected market

- Under the Saved Actions section in the bottom-left corner of the Workspace page, click the Custom Reports tab.
- 3. Single-click on **Competitor Analysis**. The dialogue box opens with all your saved settings.
- 4. In the Row Definition section, using the Then By drop-down menu, select Fund.



5. In the sorting section at the bottom of the dialogue box, select **Fund** in the 3rd drop-down menu and **Ascending**.



- Click Save As and save the report as "Detailed Competitor Analysis" and click OK.
- 7. Click **Generate Report**.

Your detailed report at the fund level opens in Microsoft Excel.

