

Curves

Description

The **Curves** report displays real-time and historical curve data for the portfolio

Settings

It is possible to specify the following settings in Curves

Include Data: Toggle off to exclude the table showing the curve data.

Include Assets: Toggle off to exclude the table showing the underlying assets making up the curve.

Resolution (in years): Specifies how often data for curves not estimated by bootstrap or yield-to-maturity should be displayed in the Chart Data table.

Edit Curves Settings

Click the button Edit Curves Settings.

Curve and chart settings

Disable all

| | | | | | | | | | | |
|-------------------------------------|---------|------------|---------|-------|------|---------------|------------|---------|-------------|-----------|
| <input checked="" type="checkbox"/> | DKKSWAP | - | None | 1 | Left | 1 | 09-07-2020 | Forward | 0 | 32 |
| <input checked="" type="checkbox"/> | Curve 1 | Spread vs. | Curve 2 | Chart | Axis | Axis interval | Date | Forward | From (Year) | To (Year) |
| <input checked="" type="checkbox"/> | DKKGOV | - | None | 1 | Left | 1 | 09-07-2020 | Forward | 0 | 32 |
| <input checked="" type="checkbox"/> | Curve 1 | Spread vs. | Curve 2 | Chart | Axis | Axis interval | Date | Forward | From (Year) | To (Year) |

These settings allow the user to define which curves are included, how they should be estimated and how the charts will look.

Curve 1: Select the curve to look at using the drop-down.

Curve 2: To create a series that combines multiple curves, select a curve in the second Instrument field.

Spread vs.: Use the drop-down to specify whether to add, subtract, multiply or divide the two series.

Chart: Defines which chart the series will be included in. If all series have Chart equal to 1, then they will be shown in the same chart. If DKKGOV has Chart equal to 2 and the rest are set to 1, then the DKKGOV series will be shown in a separate chart.

Axis: Defines whether the series should be interpreted from the left or right Y-axis on the chart.

Axis interval: Defines the interval between horizontal grid lines in the charts.

Scale: Scale the series for ease of interpretation.

Date: A Date field will appear for each curve in the series and determines for which date the curve is estimated.

Forward: Used for Forward Spot and Implied Forward curves, see below. Expressed in years, e.g. 0.5 is 6 months.

To: The first point of the estimated curve.

From: The last point of the estimated curve.

| Instrument details of input series | | | | | | | |
|------------------------------------|-----------------|------------------|------------------------|----------------------|--------------------|---------------------------|---------------------------|
| X | DKKSWAP Name | Curve Product | DKKSWAP Yield Curve | Spot Spot/Forward | Bootstrap Model | 30360 Time Convention | Discrete IR Convention |
| X | DKKGOV Name | Curve Product | DKKGOV Yield Curve | Spot Spot/Forward | Bootstrap Model | Act365 Time Convention | Discrete IR Convention |

Spot / Forward:

Spot: Zero coupon yields

Forward Spot: Zero coupon curve forwarded x years (defined in Forward field)

Implied Forward: Implicit forward rate, which begins at t and matures at t+x years (defined in Forward field)

Advanced series: To create series that include more than two curves, first create the underlying series. When the underlying series are added (first and second series in the below screenshot), add a new custom series (it must be a new custom series) and add the spread series in Curve 1 and Curve 2.

| Curve and chart settings | | | | | | | |
|-------------------------------------|-------------------------------|-----------------|-------------------------------|------------|--------------|---------------|------------|
| <input checked="" type="checkbox"/> | Disable all | | | | | | |
| <input checked="" type="checkbox"/> | DKKSWAP Curve 1 | - Spread vs. | DKKGOV Curve 2 | 1 Chart | Left Axis | Axis interval | 1 Scale |
| <input checked="" type="checkbox"/> | EURSWAP Curve 1 | - Spread vs. | EURGOV Curve 2 | 1 Chart | Left Axis | Axis interval | 1 Scale |
| <input checked="" type="checkbox"/> | (DKKSWAP - DKKGOV) Curve 1 | - Spread vs. | (EURSWAP - EURGOV) Curve 2 | 1 Chart | Left Axis | Axis interval | 1 Scale |

Report elements

The Curves report elements are described below.

Example:

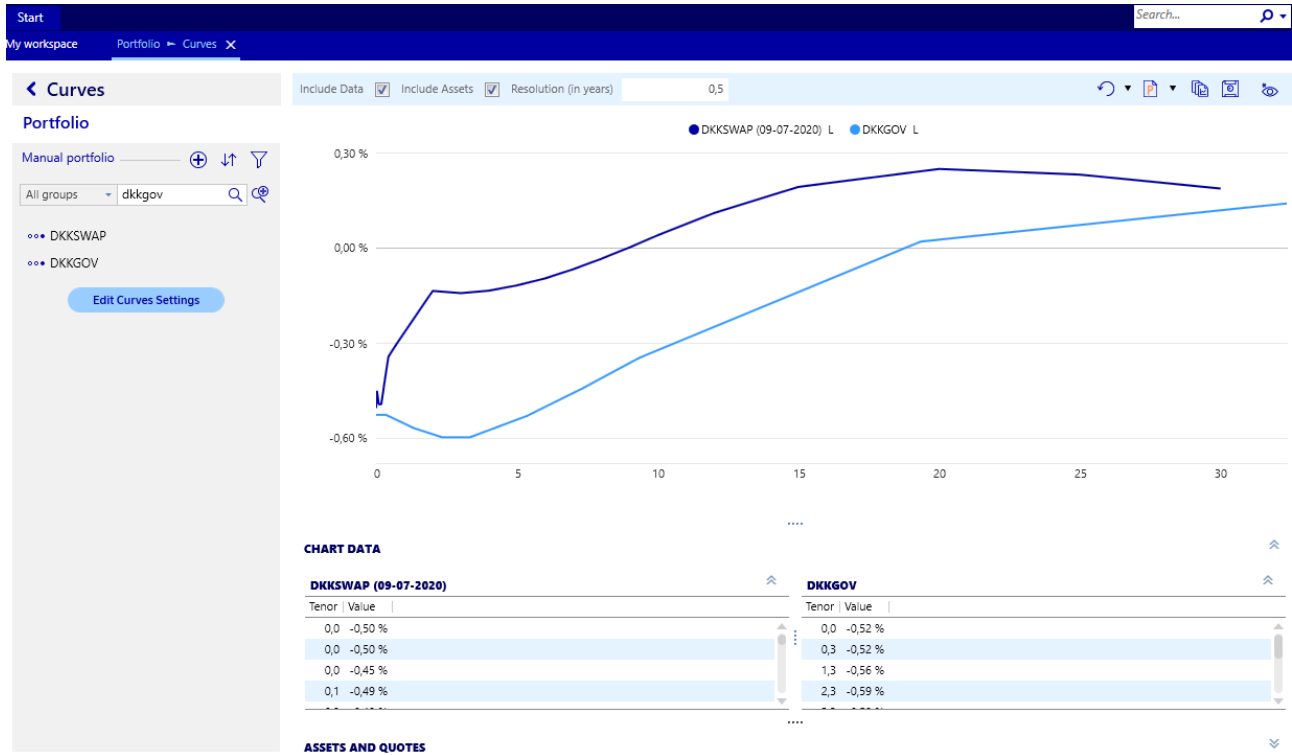


Chart Data: Shows the estimated curve points based on the settings chosen under Edit Curve Settings.

Assets and quotes: Shows the instruments and quotes used to estimate the curves. This information is unavailable for some curves.