

# Fundstatistics calculation principles

## ***Yields***

Periods less than year are not calculated based on year.

Periods over year are calculated based on year (30E/360), compound interest is used.

### NAV change

$$(NAV_i/NAV_{i-1} - 1)*100\%$$

### 1 month yield

$$(NAV/NAV_{1\_month\_ago} - 1)*100\%$$

### 3 month yield

$$(NAV/NAV_{3\_months\_ago} - 1)*100\%$$

### 6 month yield

$$(NAV/NAV_{6\_months\_ago} - 1)*100\%$$

### 12 month yield

$$(NAV/NAV_{12\_months\_ago} - 1)*100\%$$

### 24 month yield

$$\left( \left( \frac{NAV}{NAV_{24\_months\_ago}} \right)^{\frac{1}{2}} - 1 \right) * 100\%$$

### 36 month yield

$$\left( \left( \frac{NAV}{NAV_{36\_months\_ago}} \right)^{\frac{1}{3}} - 1 \right) * 100\%$$

### 48 month yield

$$\left( \left( \frac{NAV}{NAV_{48\_months\_ago}} \right)^{\frac{1}{4}} - 1 \right) * 100\%$$

### 60 month yield

$$\left( \left( \frac{NAV}{NAV_{60\_months\_ago}} \right)^{\frac{1}{5}} - 1 \right) * 100\%$$

Yield from fund beginning

$$\left( \left( \frac{NAV}{NAV_{fund\_beginning}} \right)^{\frac{360}{Days\_from\_fund\_beginning}} - 1 \right) * 100\%$$

Count of days from beginning is calculated based on 30E/360 convention.

Periods less than year are not calculated based on year. Simple change formula is used:  
(NAV/NAV\_fund\_beginning - 1)\*100%

### **Volatility**

Volatility describes how rapidly the price of a fund share is likely to change and therefore the risk of the investment. It is calculated from the standard deviation of monthly returns last 24 months and is expressed in per cents annually.

$$\sqrt{\frac{12}{N-1} \times \sum_{i=1}^N (Y_i - \bar{Y})^2} = \sigma \times \sqrt{12}$$