

XDCF

Updated: 31 Mar 2016

Use **XDCF** to calculate the discounted cash flows value of a series of irregular cash flows—cash flows of varying amounts occurring on various dates. All cash flows are discounted to the settlement date using the same rate.

Syntax

```
Public Shared Function XDCF(  
    ByVal Disc_rate As Double,  
    ByVal VDate As Date,  
    ByVal CFamt As Double(),  
    ByVal CFdate As Date(),)
```

Arguments

Disc_rate

the rate to be used for discounting the cash flows in calculating the net present value. *Disc_rate* is an expression that returns a **Double**, or of a type that can be implicitly converted to **Double**.

VDate

the date to which the cash flows are being discounted. *VDate* is an expression that returns a **Date**, or of a type that can be implicitly converted to **Date**.

CFamt

the cash flow amounts. *CFamt* is an expression that returns an Array of **Double**, or of a type that can be implicitly converted to an Array of **Double**.

CFdate

the date on which the cash flow occurred. *CFdate* is an expression that returns an Array of **Date**, or of a type that can be implicitly converted to an Array of **Date**.

Return Type

Double

Remarks

- The **XDCF** function requires pairing a series of cash flows (*CFAmt*) and the dates on which those cash flows occurred (*CFDate*) as input; the order of the cash flows is not important.
- Dates in which the cash flow is zero, or in which there is no cash flow, do not have to be included.
- There can be multiple cash flows with the same date.
- If *Disc_Rate* is less than or equal to -1, a NULL will be returned.

- *Disc_Rate* is the annual rate.

See Also

- EFV - Enhanced future value
- ENPV - Enhanced net present value
- EPV - Enhanced present value
- NFV - Net future value
- NPV - Net present value
- XFV - Future value of a cash flow between two dates
- XNFV - Net future value for non-periodic cash flows
- XNPV - Net present value for non-periodic cash flows
- XNPV30360 - Net present value for irregular cash flows using a 30/360 day-count convention
- XNPVT - Net present value for cash flows with irregular time periods
- XPV - Discounted value of a cash flow between two dates