

XNFV

Updated: 31 Mar 2016

Use **XNFV** to calculate the net future value of a series of irregular cash flows—cash flows of varying amounts occurring on various dates.

Syntax

```
Public Shared Function XNFV(  
    ByVal Rate As Double,  
    ByVal CF_Amt As Double(),  
    ByVal CF_Date As Date(),)
```

Arguments

Rate

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

CF_Amt

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

CF_Date

the date on which the cash flow occurred. *CF_Date* 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 **XNFV** function pairs a series of cash flows (*CF_Amt*) and the dates on which those cash flows occurred (*CF_Date*); 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 the rate (*Rate*) is equal to -1, the result will be the same of the cash flows for the latest date.
- *Rate* is the annual rate.
- Funds that are paid should be represented with negative numbers. Funds that are received should be represented as positive numbers.

See Also

- EFV - Enhanced future value

- ENPV - Enhanced net present value
- EPV - Enhanced present value
- NFV - Net future value
- NPV - Net present value
- XDCF - Discounted cash flows value of a series of irregular cash flows
- XFV - Future value of a cash flow between two dates
- 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