

XNPV30360

Updated: 31 Mar 2016

Use [XNPV30360](#) to calculate the net present value for a series of cash flows with irregular time periods—cash flows of varying amount occurring at various points in time—using a 30/360 day-count convention.

Syntax

```
Public Shared Function XNPV30360(  
    ByVal Rate As Double,  
    ByVal CF As Double(),  
    ByVal CFdate As Date(),  
    ByVal Freq As Integer,  
    ByVal DAYS360type As Integer,)
```

Arguments

Rate

the rate to be used in the calculation. *Rate* is an expression that returns a **Double**, or of a type that can be implicitly converted to **Double**.

CF

the cash flow amounts to be used in the calculation. *CF* 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 associated with *CF*. *CFdate* is an expression that returns an Array of **Date**, or of a type that can be implicitly converted to and Array of **Date**.

Freq

the compounding frequency to be used in the calculation. *Freq* is an expression that returns a **Integer**, or of a type that can be implicitly converted to **Integer**.

DAYS360type

the 30/360 day-count convention to be used in the calculation. *DAYS360type* is an expression that returns a **Integer**, or of a type that can be implicitly converted to **Integer**.

Return Type

Double

Remarks

- *CF* and *CFdate* are passed in as pairs, but they can be passed into the function in any order.
- Set *DAYS360type* to 0 for the US convention (also known as 30/360 US).

- Set *DAYS360type* to 1 for the Special German convention (also known as 30E/360, 30/360 ICAM, and Eurobond).
- Set *DAYS360type* to 2 for the German convention (also known as 30E360 ISDA).
- If *DAYS360type* is NULL then *DAYS360type* is set to 0.
- Set *Freq* to 1 for annual compounding.
- Set *Freq* to 2 for semi-annual compounding.
- Set *Freq* to 4 for quarterly compounding.
- Set *Freq* to 12 for monthly compounding.
- If *Freq* is NULL then *Freq* = 2.

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
- XNFV - Net future value for non-periodic cash flows
- XNPV - Net present value for non-periodic cash flows
- XNPVT - Net present value for cash flows with irregular time periods
- XPV - Discounted value of a cash flow between two dates