**What's the Current Week Number?**

**This week is ...**

**Week 44**

Week 44 is from Monday, October 28, 2019 until (and including) Sunday, November 3, 2019.

Week number according to the [**ISO-8601**](https://en.wikipedia.org/wiki/ISO_8601) standard, weeks starting on Monday. The first week of the year is the week that contains that year's first Thursday (='First 4-day week'). ISO representation: 2019-W44

The highest week number in a year is either 52 or 53.   
2019 has 52 weeks. The next year with 53 weeks will be 2020.

ISO 8601 is not the only week numbering system in the world, other systems use weeks starting on Sunday (US) or Saturday (Islamic).

[Lists of week numbers by year](https://www.epochconverter.com/weeks/2019) : [2018](https://www.epochconverter.com/weeks/2018) - [2019](https://www.epochconverter.com/weeks/2019) - [2020](https://www.epochconverter.com/weeks/2020) - [2021](https://www.epochconverter.com/weeks/2021) ...

**Programming routines**

**Microsoft Excel / LibreOffice Calc**

=ISOWEEKNUM(TODAY())

*or (in older versions):*

=WEEKNUM(TODAY(),21)

Where the return type '21' is ISO-8601 (week starting on Monday).  
  
In Excel 2007 your best choice is WEEKNUM(TODAY(),2) (2=week starting Monday).   
WEEKNUM(TODAY()) will show the week number with weeks starting on Sunday (return type = 1).

**Google Docs Spreadsheet**

=WEEKNUM(TODAY();21)

Type (here '21') is compatible with Excel/LibreOffice, 21 is ISO-8601

**PHP**

$weekNumber = date("W");

or date("W", *epoch*) for other week numbers. Remember to use capital 'W' not 'w'.

**Python**

datetime.date.today().isocalendar()[1]

**PERL**

my $weekNumber = POSIX::strftime("%V", gmtime time);

Replace time with other epoch/UNIX timestamps for other week numbers.

**Java**

Calendar now = Calendar.getInstance();

now.get(Calendar.WEEK\_OF\_YEAR);

Use WEEK\_OF\_YEAR in the [Calendar](https://docs.oracle.com/javase/10/docs/api/java/util/Calendar.html) class.  
[More info on Stack Overflow](https://stackoverflow.com/questions/4013917/how-to-get-week-numbers-of-a-certain-month)

**JavaScript**

Date.prototype.getWeek = function () {

var target = new Date(this.valueOf());

var dayNr = (this.getDay() + 6) % 7;

target.setDate(target.getDate() - dayNr + 3);

var firstThursday = target.valueOf();

target.setMonth(0, 1);

if (target.getDay() != 4) {

target.setMonth(0, 1 + ((4 - target.getDay()) + 7) % 7);

}

return 1 + Math.ceil((firstThursday - target) / 604800000);

}

var d= new Date();

alert(d.getWeek());

Extend the Date class using the above code.

**C#**

[See the ISO-8601 update on Stack Overflow](https://stackoverflow.com/questions/11154673/get-the-correct-week-number-of-a-given-date)

**MySQL**

SELECT WEEKOFYEAR(NOW())

Replace now() with other dates eg. SELECT WEEKOFYEAR('2019-02-20');  
(You can also use the [WEEK](https://dev.mysql.com/doc/refman/8.0/en/date-and-time-functions.html#function_week) function with mode=3 select week(now(),3))

**PostgreSQL**

SELECT \* FROM EXTRACT(WEEK from current\_date())

**MS SQL**

SELECT DATEPART( wk, GETDATE() )

**Oracle**

SELECT to\_char(sysdate, 'IW') FROM DUAL

IW: Week of year (1-52 or 1-53) based on the ISO-8601 standard.  
WW: Week of year (1-53) where week 1 starts on the first day of the year and continues to the seventh day of the year (Mostly NOT used)

**iSeries SQL**

SELECT WEEK(NOW()) from sysibm.sysdummy1

**iPhone/Mac**

[NSString stringWithFormat:@"Week %d",

[calendar ordinalityOfUnit:NSWeekCalendarUnit inUnit:NSYearCalendarUnit forDate:date]];

**iPhone/iOS/Swift**

let gregorian = NSCalendar(calendarIdentifier: NSCalendarIdentifierGregorian)!

gregorian.firstWeekday = 2 // Monday

gregorian.minimumDaysInFirstWeek = 4

let components =

gregorian.components(.WeekOfYearCalendarUnit | .YearForWeekOfYearCalendarUnit, fromDate: date)

let week = components.weekOfYear

let year = components.yearForWeekOfYear

**R**

lubridate::week()

**Ruby**

week\_number = Time.now.strftime("%U")

Replace Time.now with Time.local(year,month,day) for other dates.   
Formats:  
%U - Week number of the year, starting with the first Sunday as the first day of the first week (00..53)  
%V - Week number of year according to ISO-8601 (01..53)  
%W - Week number of the year, starting with the first Monday as the first day of the first week (00..53)

**Go**

year, week := time.Now().ISOWeek()

**Linux/Unix shell (bash)**

date +%V

Returns the ISO-8601 week number.  
Other formats under 'Ruby'. [More details in the Linux Programmer's Manual](http://man7.org/linux/man-pages/man3/strftime.3.html#NOTES)

**Lua**

Current\_week = os.date("%V")

Formats: see formats under 'Ruby'.

**Windows PowerShell**

Get-Date -UFormat %V

# or

"{0:d2}" -f ($(Get-Culture).Calendar.GetWeekOfYear($(Get-Date),

[System.Globalization.CalendarWeekRule]::FirstFourDayWeek, [DayOfWeek]::Monday))

**X++ (Microsoft Dynamics AX)**

int weeknum;

weeknum = weekOfYear(today());

**C/AL (Microsoft Dynamics NAV):**

MESSAGE(FORMAT(CALCDATE('CW', TODAY), 0, '<week>'));

Thanks to everyone who sent me corrections and updates!