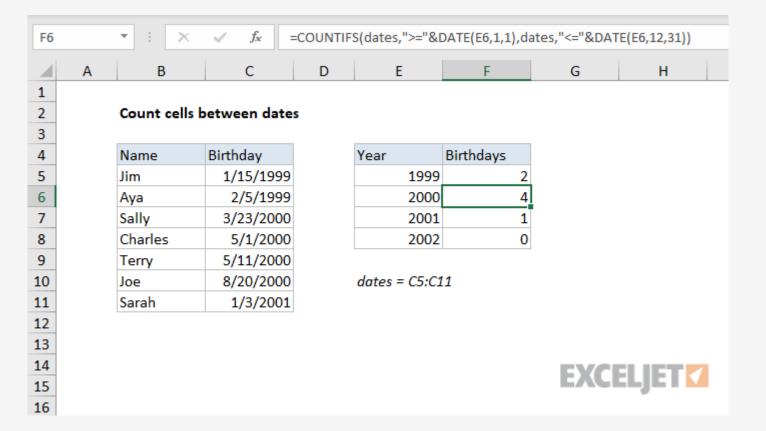
## Count cells between dates



## Generic formula

```
= COUNTIFS(range, ">=" & date1, range, "<=" & date2)
```

## Summary

To count the number of cells that contain dates between two dates, you can use the <u>COUNTIFS</u> <u>function</u>. In the example shown, F6 contains this formula:

```
= COUNTIFS(dates, ">=" & DATE(E5, 1, 1), dates, "<=" & DATE(E5, 12, 31))
```

This formula counts birthdays in the year 2000, that appear in the range C5:C11.

Note: this formula uses the <u>named range</u> "dates", C5:C11.

## Explanation

The COUNTIFS function is built to count cells that meet multiple criteria. In this case, we need to provide two criteria: one criteria for the earlier date and one for the later date. We supply the <u>named range</u> **dates** (C5:C11) for both criteria.

To construct each date, we use the <u>DATE function</u>:

```
DATE(E5,1,1) // build first day of year
DATE(E5,12,31) // build last day of year
```

The DATE function makes it easy to build dates based on year, month, and day arguments that are either hard-coded or supplied as cell references. In the example, month and day are hard-coded,

and we get year from column E.

Note: the <u>operators</u> ">=" and "<=" must be entered as text and surrounded by double quotes. This

means we must use <u>concatenation</u> (&) to join each operator to each date.