Days and Working Days Between Two Dates

Calendar days, weeks and working days between two dates (five- or six-day week, both dates included), less a number of holidays, for schedules and shutdowns.

Method: Gregorian calendar day count

Input parameters

Unit system: SI

Parameter	Value	Unit
Start year	2,026.0	
Start month	11.000	
Start day	13.000	
End year	2,026.0	
End month	12.000	
End day	31.000	
Working week	Monday to Friday	
Holidays falling on working days	2.0000	

Calculated results

Parameter	Value	Unit
Calendar days (end − start)	48.000	
Calendar days including both dates	49.000	
Weeks	6.8571	
Working days	33.000	

Formula and method

$$N = D_2 - D_1, \quad N_w = \#\{\text{working days in } [D_1, D_2]\} - n_h$$

Variables

Y_1	Start year	-
M_1	Start month	-
D_1	Start day	-
Y_2	End year	-
M_2	End month	-
D_2	End day	-
week	Working week	-
n_h	Holidays falling on working days	-
N	Calendar days (end − start)	-
N_i	Calendar days including both dates	-
W	Weeks	-
N_w	Working days	-

Method and standards

Calendar count.

Assumptions and limits

- Gregorian calendar.
- Holidays more than the working days in the period are flagged and the result is taken as zero.

References

- Gregorian calendar day count

Report details

Report reference	FCC-C6CA-Z74Y (the same inputs always give the same reference)
Generated	17 November 2026, 19:44 UTC
Calculator	Days and Working Days Between Two Dates
Method last reviewed	12 November 2026
Software release	FireCAD Calc, release of 17 November 2026
Release checks	3 reference cases of this calculator, computed independently, are checked on every release

Results are for engineering estimation. Verify critical designs against the referenced standards and your own data.

This calculator online

https://calc.firecad.com/general/geometry/date-working-days

Open this case on calc.firecad.com →

Reopens the calculator with the inputs of this report.