

# ISO 8601-2:2019 Date and time -- Representations for information interchange -- Part 2: Extensions: Basic rules

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Table 1: Data sheet for Date and time – Representations for information interchange – Part 2: Extensions

Title	Date and time – Representations for information interchange – Part 2: Extensions
Acronym	
Version	2019
Document Number	8601-2:2019
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Reference	<a href="https://www.iso.org/standard/70908.html">https://www.iso.org/standard/70908.html</a>

**Note:** The following is an excerpt from the official ISO catalog. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

## Summary

*This document specifies additional representations of dates of the Gregorian calendar and times based on the 24-hour clock that extend the basic rules and composite elements of those defined in ISO 8601-1. These representations are specified as character strings for use in information interchange. It is also applicable for representing times and time shifts based on Coordinated Universal Time (UTC).*

*These extensions include:*

- *uncertain or approximate dates, or dates with portions unspecified;*
- *extended time intervals;*
- *divisions of a year;*
- *sets and choices of calendar dates;*
- *grouped time scale units;*
- *repeat rules for recurring time intervals; and*
- *date and time arithmetic.*

*This document excludes the representation of date elements from non-Gregorian calendars, or times not from the 24-hour clock. This document does not address character encoding of representations specified in this document.*

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