**Timeline of Spaceflight**

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|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Timeline of spaceflight** | | | | | | | | | | |
| **1940s** |  |  |  |  | [1944](https://en.wikipedia.org/wiki/Spaceflight_before_1951#1944) | 1945 | [1946](https://en.wikipedia.org/wiki/Spaceflight_before_1951#1946) | [1947](https://en.wikipedia.org/wiki/Spaceflight_before_1951#1947) | [1948](https://en.wikipedia.org/wiki/Spaceflight_before_1951#1948) | [1949](https://en.wikipedia.org/wiki/Spaceflight_before_1951#1949) |
| **1950s** | [1950](https://en.wikipedia.org/wiki/Spaceflight_before_1951#1950) | [1951](https://en.wikipedia.org/wiki/1951_in_spaceflight) | [1952](https://en.wikipedia.org/wiki/1952_in_spaceflight) | [1953](https://en.wikipedia.org/wiki/1953_in_spaceflight) | [1954](https://en.wikipedia.org/wiki/1954_in_spaceflight) | [1955](https://en.wikipedia.org/wiki/1955_in_spaceflight) | [1956](https://en.wikipedia.org/wiki/1956_in_spaceflight) | [1957](https://en.wikipedia.org/wiki/1957_in_spaceflight) | [1958](https://en.wikipedia.org/wiki/1958_in_spaceflight) | [1959](https://en.wikipedia.org/wiki/1959_in_spaceflight) |
| **1960s** | [1960](https://en.wikipedia.org/wiki/1960_in_spaceflight) | [1961](https://en.wikipedia.org/wiki/1961_in_spaceflight) | [1962](https://en.wikipedia.org/wiki/1962_in_spaceflight) | [1963](https://en.wikipedia.org/wiki/1963_in_spaceflight) | [1964](https://en.wikipedia.org/wiki/1964_in_spaceflight) | [1965](https://en.wikipedia.org/wiki/1965_in_spaceflight) | [1966](https://en.wikipedia.org/wiki/1966_in_spaceflight) | [1967](https://en.wikipedia.org/wiki/1967_in_spaceflight) | [1968](https://en.wikipedia.org/wiki/1968_in_spaceflight) | [1969](https://en.wikipedia.org/wiki/1969_in_spaceflight) |
| **1970s** | [1970](https://en.wikipedia.org/wiki/1970_in_spaceflight) | [1971](https://en.wikipedia.org/wiki/1971_in_spaceflight) | [1972](https://en.wikipedia.org/wiki/1972_in_spaceflight) | [1973](https://en.wikipedia.org/wiki/1973_in_spaceflight) | [1974](https://en.wikipedia.org/wiki/1974_in_spaceflight) | [1975](https://en.wikipedia.org/wiki/1975_in_spaceflight) | [1976](https://en.wikipedia.org/wiki/1976_in_spaceflight) | [1977](https://en.wikipedia.org/wiki/1977_in_spaceflight) | [1978](https://en.wikipedia.org/wiki/1978_in_spaceflight) | [1979](https://en.wikipedia.org/wiki/1979_in_spaceflight) |
| **1980s** | [1980](https://en.wikipedia.org/wiki/1980_in_spaceflight) | [1981](https://en.wikipedia.org/wiki/1981_in_spaceflight) | [1982](https://en.wikipedia.org/wiki/1982_in_spaceflight) | [1983](https://en.wikipedia.org/wiki/1983_in_spaceflight) | [1984](https://en.wikipedia.org/wiki/1984_in_spaceflight) | [1985](https://en.wikipedia.org/wiki/1985_in_spaceflight) | [1986](https://en.wikipedia.org/wiki/1986_in_spaceflight) | [1987](https://en.wikipedia.org/wiki/1987_in_spaceflight) | [1988](https://en.wikipedia.org/wiki/1988_in_spaceflight) | [1989](https://en.wikipedia.org/wiki/1989_in_spaceflight) |
| **1990s** | [1990](https://en.wikipedia.org/wiki/1990_in_spaceflight) | [1991](https://en.wikipedia.org/wiki/1991_in_spaceflight) | [1992](https://en.wikipedia.org/wiki/1992_in_spaceflight) | [1993](https://en.wikipedia.org/wiki/1993_in_spaceflight) | [1994](https://en.wikipedia.org/wiki/1994_in_spaceflight) | [1995](https://en.wikipedia.org/wiki/1995_in_spaceflight) | [1996](https://en.wikipedia.org/wiki/1996_in_spaceflight) | [1997](https://en.wikipedia.org/wiki/1997_in_spaceflight) | [1998](https://en.wikipedia.org/wiki/1998_in_spaceflight) | [1999](https://en.wikipedia.org/wiki/1999_in_spaceflight) |
| **2000s** | [2000](https://en.wikipedia.org/wiki/2000_in_spaceflight) | [2001](https://en.wikipedia.org/wiki/2001_in_spaceflight) | [2002](https://en.wikipedia.org/wiki/2002_in_spaceflight) | [2003](https://en.wikipedia.org/wiki/2003_in_spaceflight) | [2004](https://en.wikipedia.org/wiki/2004_in_spaceflight) | [2005](https://en.wikipedia.org/wiki/2005_in_spaceflight) | [2006](https://en.wikipedia.org/wiki/2006_in_spaceflight) | [2007](https://en.wikipedia.org/wiki/2007_in_spaceflight) | [2008](https://en.wikipedia.org/wiki/2008_in_spaceflight) | [2009](https://en.wikipedia.org/wiki/2009_in_spaceflight) |
| **2010s** | [2010](https://en.wikipedia.org/wiki/2010_in_spaceflight) | [2011](https://en.wikipedia.org/wiki/2011_in_spaceflight) | [2012](https://en.wikipedia.org/wiki/2012_in_spaceflight) | [2013](https://en.wikipedia.org/wiki/2013_in_spaceflight) | [2014](https://en.wikipedia.org/wiki/2014_in_spaceflight) |  |  |  |  |  |

This is a **timeline of known** spaceflights, both manned and unmanned, sorted chronologically by launch date. Owing to its large size, the timeline is split into smaller articles, one for each year since 1951. There is a separate list for all flights that occurred before 1951.

The 2012 list, and lists for subsequent years, may contain launches which have not yet occurred.

For the purpose of this article, a spaceflight is defined as any flight that crosses the Karman line, the officially recognized edge of space, which is 100 kilometers (62 mi) above mean sea level (AMSL). The timeline contains all flights which have done so, were intended to do so, but failed, or are planned to do so in the not-too-distant future.

**Orbital launch rates**

|  |  |
| --- | --- |
| **Orbital launches by year** | |
|  | |  |  | | --- | --- | | **Key** | | | **—** | Total | | **—** | Successful | | **—** | Unsuccessful | |
| **Year** |

**Deep space rendezvous after 2013**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date (**[**UTC**](https://en.wikipedia.org/wiki/UTC)**)** | **Spacecraft** | **Event** | **Remarks** |
| May 2014 | [Rosetta](https://en.wikipedia.org/wiki/Rosetta_(spacecraft)) | Enters orbit of [67P/Churyumov-Gerasimenko](https://en.wikipedia.org/wiki/67P/Churyumov-Gerasimenko) |  |
| November 2014 | [Philae](https://en.wikipedia.org/wiki/Philae_(spacecraft)) | Landing on 67P/Churyumov-Gerasimenko | First soft landing on a comet |
| February 2015 | [Dawn](https://en.wikipedia.org/wiki/Dawn_(spacecraft)) | Enters orbit of [Ceres](https://en.wikipedia.org/wiki/Ceres_(dwarf_planet)) | 1st visit to a [dwarf planet](https://en.wikipedia.org/wiki/Dwarf_planet) |
| 14 July 2015 | [New Horizons](https://en.wikipedia.org/wiki/New_Horizons) | First flyby of [Pluto](https://en.wikipedia.org/wiki/Pluto) and [Charon](https://en.wikipedia.org/wiki/Charon_(moon)) | 2nd visit to a dwarf planet |
| November 2015 | [Akatsuki](https://en.wikipedia.org/wiki/Akatsuki_(spacecraft)) | [Venus](https://en.wikipedia.org/wiki/Venus) [Orbit insertion](https://en.wikipedia.org/wiki/Orbit_insertion) | Akatsuki's 2nd flyby of Venus and 2nd attempt at Orbit insertion |
| July 2016 | [Juno](https://en.wikipedia.org/wiki/Juno_(spacecraft)) | [Jovian](https://en.wikipedia.org/wiki/Jupiter) orbit injection | First solar powered Jovian probe (2nd orbiter) |

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