

Trends and Charts on Registered Studies

ClinicalTrials.gov currently lists 528,840 studies with locations in all 50 States and in 229 countries and territories.

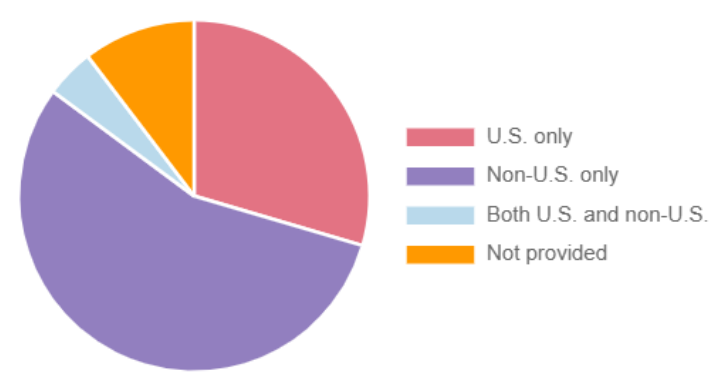
As of December 2024, ClinicalTrials.gov receives about 90 thousand visitors per day and 2 million unique visitors every month.

Locations of registered studies

The chart below shows the distribution of locations for all studies registered on ClinicalTrials.gov.

Percentage of registered studies by location (as of 2025-03-04)

Total of 528,840 studies



Location	Number of Registered Studies and Percentage of Total (as of 2025-03-04)
U.S. only	156,247 (30%)
Non-U.S. only	293,895 (56%)
Both U.S. and non-U.S.	23,836 (5%)
Not provided	54,862 (10%)
Total	528,840 (100%)

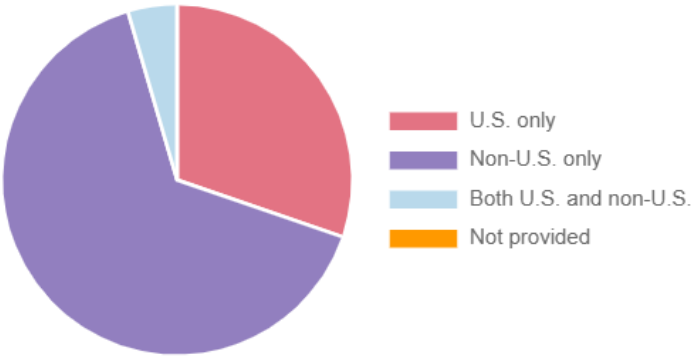
Locations of recruiting studies

The chart below shows the distribution of locations for recruiting studies registered on ClinicalTrials.gov.

Percentage of recruiting studies by location (as of 2025-03-04)

Total of 66,321 studies





Location	Number of Recruiting Studies and Percentage of Total (as of 2025-03-04)
U.S. only	20,066 (30%)
Non-U.S. only	43,249 (65%)
Both U.S. and non-U.S.	3,005 (5%)
Not provided	1 (0%)
Total	66,321 (100%)

Types of registered studies

The table below shows the number and types of studies that are registered and have results posted on ClinicalTrials.gov.

Study and Intervention Type (as of 2025-03-04)		Number of Registered Studies and Percentage of Total	Number of Studies With Posted Results and Percentage of Total***
Total		528,840	69,879
Interventional		404,343 (76%)	65,827 (94%)
Type of Intervention*	Drug or biologic	201,818	47,872
	Behavioral, other	153,590	15,435
	Surgical procedure	42,286	3,333
	Device**	55,176	9,879
Observational		122,597 (23%)	4,052 (6%)
Expanded Access		982	N/A

* A study may include more than one [type of intervention](#), meaning that a single study may be counted more than once. Because of this, the sum of counts by type of intervention do not equal the total number of interventional studies.

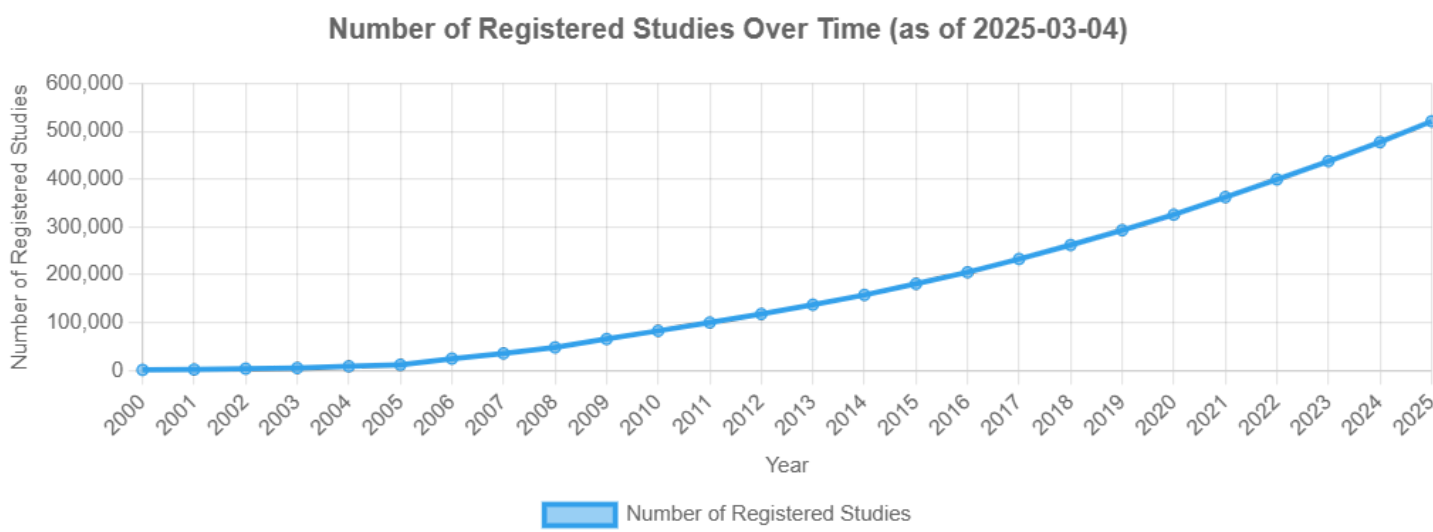
** A total of 918 applicable device clinical trials were submitted as "delayed posting" under the Food and Drug Administration Amendments Act of 2007 (FDAAA). That is, the Responsible Party indicated that the trial includes a device not previously approved or cleared by the Food and Drug Administration (U.S. FDA) for any use. These trials are not included in the counts of trials with at least one device.

*** Results are required to be submitted only for certain studies. For example, results submission is generally not required for observational studies; trials completed before 2008; and trials that include drug, biological, or device products not previously approved by the U.S. FDA for any use (if the Primary Completion Date is before January 18, 2017). See [FDAAA 801 and the Final Rule](#) (<https://clinicaltrials.gov/policy/fdaaa-801-final-rule>) for further information.

N/A = not applicable

Number of registered studies over time

The graph and table below show the total number of studies posted on ClinicalTrials.gov since 2000, based on the [First Posted](#) date. The first version of ClinicalTrials.gov was made available to the public on February 29, 2000.



Source: <https://ClinicalTrials.gov>

Note:
The International Committee of Medical Journal Editors (ICMJE) began requiring trial registration as a condition of publication in September 2005
The registration requirements of Food and Drug Administration Amendments Act of 2007 (FDAAA) began and were implemented on ClinicalTrials.gov in December 2007

Number of registered studies by year (as of 2025-03-04)

Year First Posted	Start of Year	During Year	End of Year
2000 [†]	1,255 [†]	2,119	2,119
2001	2,119	1,773	3,892
2002	3,892	1,378	5,270
2003	5,270	3,588	8,858
2004	8,858	3,166	12,024
2005	12,024	12,797	24,821

2006	24,821	10,917	35,738
2007	35,738	12,549	48,287
2008	48,287	17,564	65,851
2009	65,851	17,008	82,859
2010	82,859	17,345	100,204
2011	100,204	17,815	118,019
2012	118,019	19,463	137,482
2013	137,482	20,428	157,910
2014	157,910	23,308	181,218
2015	181,218	24,105	205,323
2016	205,323	27,786	233,109
2017	233,109	29,175	262,284
2018	262,284	30,945	293,229
2019	293,229	32,510	325,739
2020	325,739	36,721	362,460
2021	362,460	37,014	399,474
2022	399,474	38,025	437,499
2023	437,499	39,711	477,210
2024	477,210	43,679	520,889
2025	520,889	7,951 ‡	528,840 ‡

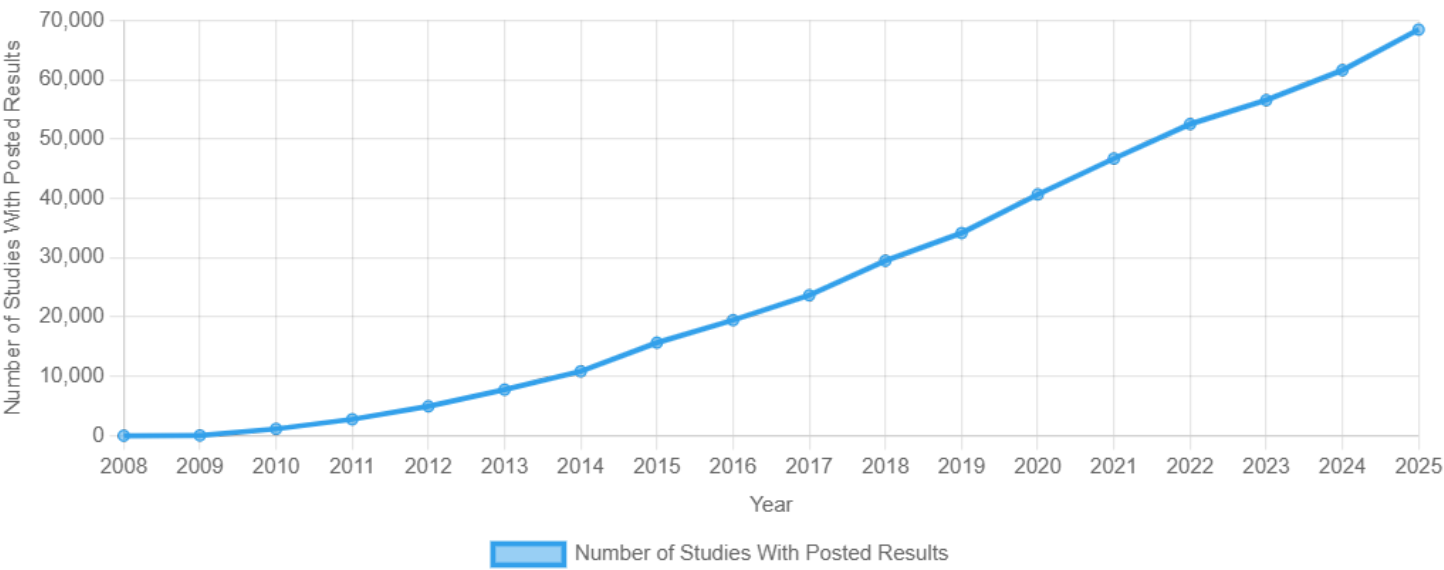
† ClinicalTrials.gov was first launched on February 29, 2000 with 1,255 studies available

‡ As of 2025-03-04

Number of registered studies with posted results over time

The graph and table below show the number of registered studies with results posted on ClinicalTrials.gov, based on the [Results First Posted](#) date. ClinicalTrials.gov launched its [results database](#) in September 2008, at which time sponsors or investigators could begin submitting results for their registered studies. The results database was first developed to accommodate the results submission requirements outlined in FDAAA. See [Which trials must have results submitted?](#) (<https://clinicaltrials.gov/policy/fdaaa-801-final-rule#trials-results-submitted>) and [When to submit results](#) (<https://clinicaltrials.gov/policy/fdaaa-801-final-rule#submit-results-info>) on the [FDAAA 801](#) (<https://clinicaltrials.gov/policy/fdaaa-801-final-rule>) page for more information.

Number of Registered Studies With Posted Results Over Time (as of 2025-03-04)



Source: <https://ClinicalTrials.gov>

Number of registered studies with posted results by year (as of 2025-03-04)

Year First Posted	Start of Year	During Year	End of Year
2008 [†]	0 [†]	41	41
2009	41	1,098	1,139
2010	1,139	1,617	2,756
2011	2,756	2,200	4,956
2012	4,956	2,804	7,760
2013	7,760	3,093	10,853
2014	10,853	4,827	15,680
2015	15,680	3,801	19,481
2016	19,481	4,185	23,666
2017	23,666	5,827	29,493
2018	29,493	4,659	34,152
2019	34,152	6,523	40,675
2020	40,675	6,043	46,718
2021	46,718	5,819	52,537
2022	52,537	4,024	56,561

2023	56,561	5,063	61,624
2024	61,624	6,831	68,455
2025	68,455	1,424 †	69,879 ‡

† ClinicalTrials.gov Results Database was launched in September 2008, but initially held no results

‡ As of 2025-03-04