

Globalization of Sponsored Clinical Trials

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<https://www.clinicaltrialmagnifier.org/>

Objective and Material

The objective of this report is to display the current geographic distribution of industry-sponsored clinical trial sites.

The data represent industry-sponsored phase II/III clinical trials for a four year period, i.e. for trials registered with the US trial registry (clinicaltrials.gov) between January 1, 2017 to December 31, 2020.

Results

The results are shown by continent in Table 1 and by country in Table 2.

Study Sites by Continent

The majority of the sites were located to North America and Europe – 39.7% and 21.8%, respectively or in total 61.5%. Asia and East Europe contributed together with 29.8% - 15.3% and 14.5%, respectively.

Table 1. Number of industry-sponsored phase II/III trial sites by continent over a period of four full consecutive years (2017.01-2020.12).

CONTINENT	RANK	SITES (N)	SITES (%)
1. N AMERICA	1	100,119	39.7
2. L AMERICA	5	11,493	4.6
3. EUROPE	2	55,075	21.8
4. EAST EUROPE	4	36,582	14.5
5. MIDDLE EAST	7	3,255	1.3
6. AFRICA	8	1,560	0.6
7. ASIA	3	38,546	15.3
8. OCEANIA	6	5,602	2.2
TOTAL		252,232	100.0

Study Sites by Country

The top five countries with the largest number of study sites are United States (36.8%), Japan (5.2%), China (4.6%), Spain (4.1%) and Germany (4.0%). Together they represent 54.6% of all the sites and the leading 15 countries stands for 76.4% of the sites.

Investigator Gazetteer Report - Globalization - Jan 2021

Table 2. Number of industry-sponsored phase II/III trial sites by country over a period of four full consecutive years (2017.01-2020.12).

COUNTRY	RANK	SITES (N)	SITES (%)
UNITED STATES	1	92,835	36.8
JAPAN	2	13,065	5.2
CHINA	3	11,483	4.6
SPAIN	4	10,235	4.1
GERMANY	5	10,150	4.0
POLAND	6	7,887	3.1
FRANCE	7	7,791	3.1
RUSSIA	8	7,703	3.1
CANADA	9	7,284	2.9
ITALY	10	7,165	2.8
UNITED KINGDOM	11	6,797	2.7
KOREA, SOUTH	12	5,408	2.1
AUSTRALIA	13	4,955	2.0
UKRAINE	14	3,882	1.5
BRAZIL	15	3,689	1.5
HUNGARY	16	3,632	1.4
CZECH REPUBLIC	17	3,137	1.2
ARGENTINA	18	3,095	1.2
BELGIUM	19	3,048	1.2
TAIWAN	20	2,946	1.2
ISRAEL	21	2,891	1.2
TURKEY	22	2,472	1.0
BULGARIA	23	2,271	0.9
MEXICO	24	2,209	0.9
INDIA	25	2,152	0.9
NETHERLANDS	26	1,965	0.8
ROMANIA	27	1,601	0.6
GREECE	28	1,396	0.6
SOUTH AFRICA	29	1,299	0.5
AUSTRIA	30	1,275	0.5
SLOVAKIA	31	1,127	0.5
DENMARK	32	1,119	0.4
PORTUGAL	33	1,106	0.4
SWEDEN	34	958	0.4
THAILAND	35	849	0.3
CHILE	36	827	0.3
SERBIA	37	824	0.3
COLOMBIA	38	816	0.3
FINLAND	39	685	0.3
MALAYSIA	40	670	0.3
NEW ZEALAND	41	646	0.3
SWITZERLAND	42	645	0.3
PERU	43	578	0.2
GEORGIA	44	514	0.2
LATVIA	45	461	0.2
PHILIPPINES	46	436	0.2
LITHUANIA	47	417	0.2
IRELAND	48	384	0.2
SINGAPORE	49	373	0.2
CROATIA	50	363	0.1
ESTONIA	51	345	0.1
HONG KONG	52	342	0.1
NORWAY	53	341	0.1
VIETNAM	54	196	0.1
BELARUS	55	195	0.1
LEBANON	56	128	0.1
GUATEMALA	57	125	0.1
BOSNIA AND HERZEGOVINA	58	106	0.0
SAUDI ARABIA	59	104	0.0
EGYPT	60	83	0.0
MOLDOVA, REPUBLIC OF	61	80	0.0
SLOVENIA	62	67	0.0
INDONESIA	63	62	0.0
IRAN	64	56	0.0
PANAMA	65	52	0.0
COSTA RICA	66	36	0.0
TUNISIA	67	35	0.0
ALGERIA	68	30	0.0
JORDAN	69	28	0.0
DOMINICAN REPUBLIC	70	25	0.0