

TABLE 73

## Worldwide capital assets, by type of asset, industry, and company size: 2022

(Millions of U.S. dollars)

Industry and company size	NAICS code	Worldwide assets				Accumulated depreciation and amortization			Reduction in value due to impairment charges, disposals, or retirement				Book value of assets acquired through mergers and acquisitions			
		Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets	Total	Property, plant, and equipment	Identifiable intangible assets	Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets	Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets
All industries	21-23, 31-33, 42-81	14,106,170	6,714,274	4,494,155	2,897,741	6,496,309	5,161,964	1,334,345	359,245	165,981	129,126	64,138	583,517	71,503	303,550	208,465
Manufacturing industries	31-33	6,612,277	2,857,773	2,222,777	1,531,727	3,579,727	2,694,716	885,011	181,183	97,180	38,902	45,101	287,896	59,032	123,558	105,306
Food	311	674,539	276,919	232,757	164,863	264,628	238,123	26,505	7,840	4,942	1,319	1,580	14,174	3,776	5,681	4,717
Beverage and tobacco products	312	271,532	66,444	101,580	103,508	54,711	49,943	4,767	1,523	696	9	817	20,317	961	14,307	5,049
Textile, apparel, and leather products	313-16	46,783	26,115	10,632	10,035	26,061	23,639	2,422	573	365	47	161	958	289	473	196
Wood products	321	23,628	18,125	2,199	3,304	17,375	16,574	801	593	577	6	10	749	387	141	222
Paper	322	80,181	56,679	16,567	6,934	60,124	56,664	3,460	4,855	3,884	611	360	2,036	461	790	785
Printing and related support activities	323	20,089	11,439	4,348	4,302	18,739	14,895	3,843	851	165	554	132	482	113	359	10
Petroleum and coal products	324	344,322	324,446	10,491	9,386	376,728	367,115	9,613	D	D	0	D	D	D	634	D
Chemicals	325	1,874,645	707,004	578,188	589,452	990,960	570,431	420,529	54,784	26,315	10,226	18,242	89,260	15,198	20,980	53,083
Basic chemicals	3251	446,123	333,052	73,148	39,923	221,821	201,321	20,500	6,863	2,540	3,966	357	1,696	820	507	370
Resin, synthetic rubber, and artificial synthetic fibers and filaments	3252	88,324	61,499	17,028	9,797	89,894	81,814	8,080	1,122	226	856	40	2,431	2,092	55	284
Pesticide, fertilizer, and other agricultural chemicals	3253	48,971	20,591	17,137	11,243	29,395	24,065	5,330	3,108	1,956	761	391	740	108	395	237
Pharmaceuticals and medicines	3254	1,053,913	218,609	367,756	467,548	535,133	173,139	361,994	40,725	20,722	4,586	15,417	80,146	11,855	17,819	50,472
Soap, cleaning compound, and toilet preparations	3256	173,171	50,673	75,314	47,183	80,600	64,357	16,243	828	484	1	342	2,121	78	1,127	916
Paint, coating, adhesive, and other chemicals	3255, 3259	64,143	22,580	27,804	13,759	34,116	25,736	8,381	2,137	387	57	1,694	2,125	245	1,077	804
Plastics and rubber products	326	214,791	132,364	54,759	27,668	130,116	115,697	14,419	7,717	4,234	3,001	481	10,732	3,802	3,814	3,116
Nonmetallic mineral products	327	89,079	63,803	15,374	9,902	49,492	46,626	2,866	2,225	2,103	44	77	4,039	1,127	1,490	1,422
Primary metals	331	82,680	61,651	11,149	9,880	60,051	55,670	4,382	5,683	3,450	962	1,271	2,866	1,280	1,512	74
Fabricated metal products	332	103,230	59,372	30,557	13,302	61,725	55,832	5,894	2,012	1,771	191	50	7,396	2,997	2,728	1,672
Machinery	333	416,904	170,532	170,783	75,589	216,932	166,038	50,894	8,389	4,095	3,014	1,280	13,137	1,217	7,452	4,469
Agricultural implement	33311	35,807	22,859	8,177	4,771	26,878	24,880	1,998	481	429	0	52	2,116	259	1,350	507
Semiconductor machinery	333242	29,905	17,166	9,835	2,905	21,072	14,516	6,556	1,081	151	0	930	1,313	46	648	619
Engine, turbine, and power transmission equipment	3336	49,553	29,700	14,880	4,973	40,750	33,043	7,707	1,504	259	1,236	10	373	78	96	199

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		Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets	Total	Property, plant, and equipment	Identifiable intangible assets	Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets	Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets
Other machinery	other 333	301,639	100,807	137,892	62,940	128,231	93,599	34,633	5,323	3,256	1,778	288	9,335	834	5,357	3,144
Computer and electronic products	334	845,766	303,390	389,699	152,678	499,780	377,474	122,306	15,484	5,675	8,844	964	58,964	3,324	44,520	11,120
Communications equipment	3342	93,572	17,534	61,583	14,455	38,975	24,441	14,535	4,073	1,883	2,122	68	1,573	140	883	550
Semiconductor and other electronic components	3344	431,735	191,749	162,827	77,159	247,382	207,336	40,046	1,823	1,099	450	273	33,777	1,964	29,758	2,055
Navigational, measuring, electromedical, and control instruments	3345	170,608	28,625	97,810	44,173	55,768	31,056	24,712	6,717	1,633	4,705	379	17,556	654	10,588	6,314
Electromedical, electrotherapeutic, and irradiation apparatus	334510, 334517	61,360	6,520	36,515	18,325	12,999	6,465	6,534	4,874	292	4,520	62	1,087	20	636	430
Search, detection, navigation, guidance, aeronautical, and nautical system and instruments	334511	11,444	3,455	6,281	1,708	6,951	4,779	2,171	71	70	1	*	277	30	130	117
Other measuring and controlling devices	other 3345	97,805	18,651	55,014	24,140	35,819	19,812	16,006	1,772	1,271	185	317	16,193	604	9,822	5,767
Other computer and electronic products	other 334	149,851	65,482	67,478	16,891	157,654	114,641	43,013	2,871	1,060	1,567	244	6,058	566	3,291	2,202
Electrical equipment, appliances, and components	335	155,103	46,325	72,756	36,022	69,934	50,269	19,664	5,039	1,888	527	2,624	6,253	489	2,974	2,789
Transportation equipment	336	823,233	406,378	253,025	163,829	440,617	359,218	81,399	21,515	18,111	2,815	589	10,770	2,421	4,248	4,101
Motor vehicles, bodies, trailers, and parts	3361-63	384,770	281,613	42,620	60,538	271,787	235,074	36,713	13,954	12,752	922	280	8,484	2,196	2,920	3,367
Aerospace products and parts	3364	364,301	95,411	176,292	92,599	144,801	105,019	39,782	4,964	4,265	442	258	2,096	211	1,219	665
Aircraft, aircraft engine, and aircraft parts	336411-13	197,182	59,002	92,167	46,014	92,943	72,228	20,715	4,402	3,952	398	52	1,436	169	752	515
Guided missile, space vehicle, and related parts	336414-15, 336419	167,119	36,409	84,125	46,585	51,858	32,791	19,068	563	313	44	205	660	43	467	151
Military armored vehicle, tank, and tank components	336992	1,589	D	D	598	181	89	92	*	*	0	0	0	0	0	0
Other transportation	other 336	72,571	D	D	10,094	23,848	19,036	4,812	2,596	1,094	1,450	52	190	14	109	68
Furniture and related products	337	20,727	8,787	5,877	6,063	9,095	7,179	1,916	1,152	742	204	205	1,139	120	944	75
Miscellaneous	339	525,045	118,002	262,035	145,008	232,660	123,330	109,330	D	D	6,528	D	D	D	10,510	D

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		Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets	Total	Property, plant, and equipment	Identifiable intangible assets	Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets	Total	Property, plant, and equipment	Goodwill	Identifiable intangible assets														
Medical equipment and supplies	3391	449,728	92,573	231,457	125,699	195,946	97,255	98,691	25,716	i	6,873	5,115	13,728	10,092	804	5,656	3,632													
Other miscellaneous manufacturing	3399	75,317	25,429	30,578	19,310	36,715	26,075	10,640	D		D	1,413	D	D	D	4,854	D													
Nonmanufacturing industries	21–23, 42–81	7,493,893	3,856,501	2,271,378	1,366,014	2,916,583	2,467,249	449,334	178,062		68,801	90,224	19,037	295,621	12,471	179,992	103,158													
Mining, quarrying, oil and gas extraction, and support activities	21	515,315	503,149	7,742	4,423	368,434	365,929	2,505	4,024	i	3,924	i	77	i	24	i	2,409	2,068	D	D										
Utilities	22	1,474,048	1,373,964	86,878	13,206	477,041	471,570	5,471	11,811		10,372	430	1,009	3,678	2,101	284	1,292													
Wholesale trade	42	136,600	i	67,285	i	50,938	i	18,377	i	81,062	i	73,031	i	8,031	i	2,999	i	2,627	i	236	i	135	i	7,071	i	1,940	3,382	i	1,750	i
Electronic shopping and electronic auctions	454111–12	249,083	D	D	D	118,498	112,593	5,905	3,081		1,813	1,264	4	D	D	D	D													
Transportation and warehousing	48–49	300,770	238,271	48,916	13,583	147,882	138,068	9,814	5,946		4,871	875	201	5,293	182	3,500	1,612													
Information	51	3,127,735	977,414	1,154,958	995,363	1,183,015	931,807	251,208	84,822		21,471	57,256	6,094	219,373	3,508	132,761	83,103													
Publishing	511	631,104	174,216	333,066	123,822	202,063	122,312	79,751	7,297		3,980	D	D	105,181	1,325	68,048	35,807													
Newspaper, periodical, book, and directory publishers	5111	1,208	164	981	62	653	221	432	11		6	0	5	r	0	0	0	0												
Software publishers	5112	629,896	174,051	332,086	123,759	201,410	122,091	79,319	7,286		3,974	D	D	105,181	1,325	68,048	35,807													
Telecommunications	517	1,107,759	391,905	166,228	549,626	611,034	559,847	51,187	36,740		11,280	25,273	187	18,255	D	D	15,910													
Data processing, hosting, and related services	518	753,062	86,088	499,959	167,016	180,381	95,099	85,281	11,696		1,681	6,928	3,088	38,800	446	20,047	18,306													
Other information	other 51	635,810	325,205	155,705	154,900	189,537	154,549	34,988	29,088		4,530	D	D	57,138	D	D	13,081													
Finance and insurance	52	604,127	99,058	405,027	100,041	142,762	98,368	44,394	32,890		9,017	22,056	1,816	i	16,440	1,363	12,135	2,943												
Real estate and rental and leasing	53	46,510	39,442	5,235	1,833	21,307	20,729	577	2,105	i	1,623	i	185	i	298	i	164	D	102	D										
Lessors of nonfinancial intangible assets (except copyrighted works)	533	628	i	162	i	18	i	448	i	157	i	118	i	39	i	3	i	2	i	*	i	*	i	0	0	0	0			
Other real estate and rental and leasing	other 53	45,881	39,280	5,216	1,385	21,149	20,611	538	2,103	i	1,620	i	185	i	297	i	164	D	102	D										
Professional, scientific, and technical services	54	641,580	118,872	377,052	145,656	238,560	140,512	98,049	15,183		4,966	5,929	4,289	30,553	595	19,232	10,727													

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Architectural, engineering, and related services	5413	37,004	18,837	11,813	6,355	22,837	19,976	2,862	1,511	1,218	59	234	i	599	165	350	85							
Computer systems design and related services	5415	293,782	46,594	190,160	57,029	100,232	73,115	27,117	6,657	2,182	2,374	2,101		15,563	78	10,284	5,200							
Scientific research and development services	5417	201,470	38,433	113,069	49,968	62,219	29,533	32,686	4,660	864	i	2,384	1,412	10,009	248	5,727	4,034							
Research and development in nanotechnology	541713	428	334	6	88	162	156	7	10	9		1	*	*	*	0	0							
Research and development in biotechnology (except nanobiotechnology)	541714	48,016	11,070	23,260	13,686	9,014	5,578	3,437	2,028	231		413	1,383	6,555	34	3,736	2,784							
Research and development in the physical, engineering, and life sciences (except nanotechnology and biotechnology)	541715	152,748	26,877	89,694	36,177	52,834	23,637	29,197	2,208	210		1,970	28	3,428	212	1,970	1,247							
Research and development in the social sciences and humanities	541720	278	153	108	17	209	162	46	414	i	414	i	0	0	25	i	2	i	21	i	2	i		
Other professional, scientific, and technical services	other 54	109,324	15,009	62,011	32,304	53,272	i	17,888	35,384	i	2,355	701	1,112	542	4,383	103	2,871	1,409						
Health care services	621-23	55,247	14,806	31,732	8,710	20,611		14,764	5,847		1,250	432	744	73	1,595	182	1,208	205						
Other nonmanufacturing	23, 44-45 (excluding 454111-12), 55-56, 624, 71-72, 81	342,878	D	D	D	117,410		99,877	17,533		13,951	7,685	i	1,172	5,095	D	468	D	D					
All companies (number of domestic employees)	-	14,106,170	6,714,274	4,494,155	2,897,741	6,496,309		5,161,964	1,334,345		359,245	165,981	129,126	64,138	583,517	71,503	303,550	208,465						
Small companies																								
10-19 <sup>a</sup>	-	34,938	17,169	12,206	r	5,563		24,871	22,934		1,936	518	i	320	113	i	85	i	106	73	17	16		
20-49	-	77,578	43,671	15,732		18,175		60,346	53,949		6,397	2,333		935	i	444	i	954	r	2,639	1,064	1,052	r	523
Medium companies																								
50-99	-	93,554	50,229	22,698		20,627		73,891	62,063		11,828	2,882	i	1,835	448	i	600		6,641	3,446	2,120	1,075		
100-249	-	229,651	115,079	62,295		52,278		120,050	99,277		20,773	23,445	r	19,789	r	2,127		1,528	i	17,901	1,438	13,971	2,491	

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Large companies																	
250–499	–	266,768	122,816	89,006	54,945	120,737	94,146	26,592	8,170	4,124	2,683	1,363	34,543	2,798	21,935	9,809	
500–999	–	451,930	169,043	176,823	106,064	162,480	122,276	40,204	13,007	4,990	2,682	5,336	23,790	3,874	13,178	6,738	
1,000–4,999	–	2,156,999	917,326	758,105	481,568	831,071	579,550	251,522	85,506	29,674	43,551	12,281	196,757	10,759	109,800	76,198	
5,000–9,999	–	1,645,590	914,174	457,559	273,858	742,661	628,210	114,452	38,950	22,649	13,698	2,603	53,881	4,686	39,571	9,623	
10,000–24,999	–	3,580,719	1,932,275	999,333	649,112	1,795,906	1,429,274	366,632	78,041	27,827	31,442	18,772	107,858	36,728	35,436	35,695	
25,000 or more	–	5,568,442	2,432,492	1,900,399	1,235,551	2,564,296	2,070,285	494,010	106,392	53,838	31,936	20,617	139,402	6,637	66,468	66,297	

\* = amount < \$500,000; D = data withheld to avoid disclosing operations of individual companies; i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse; r = relative standard error is more than 50%.

NAICS = 2017 North American Industry Classification System.

<sup>a</sup> The Business Enterprise Research and Development Survey does not include companies with fewer than 10 domestic employees.

**Note(s):**

Detail may not add to total because of rounding. Industry classification is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D.

**Source(s):**

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2022.