

TABLE 87

Operating expenses, by company size and industry: 2019

(Thousands of U.S. dollars)

Industry	NAICS code	All companies	1–4 employees	5–9 employees	10–19 employees	20–49 employees	50–99 employees	100–249 employees	250–499 employees	500–999 employees	1,000–4,999 employees	5,000–9,999 employees	10,000–24,999 employees	25,000 or more employees
All industries	11, 21–23, 31–33, 42–81	43,789,888,418	1,766,171,206	1,875,038,115	2,711,283,849	5,694,569,130	4,184,676,802	5,407,761,397	2,110,126,497	2,126,308,441	4,841,058,046	2,079,831,820	3,113,834,919	7,879,228,195
Manufacturing industries	31–33	5,614,701,560	47,103,522	65,356,521	122,124,124	286,028,663	233,954,235	291,337,766	272,567,900	285,407,252	816,225,504	609,446,789	1,103,977,001	1,481,172,284
Food	311	700,053,225	8,937,047	5,524,906	13,155,130	47,530,955	33,808,762	44,122,083	45,341,147	65,130,261	110,066,820	38,112,215	145,084,579	143,239,320
Beverage and tobacco products	312	120,998,916	976,605	3,089,396	4,709,915	7,574,701	7,857,188	6,590,929	3,753,174	3,860,875	12,019,400	15,208,309	20,384	55,338,041
Textile, apparel, and leather products	313–16	57,600,502	2,929,212	1,663,453	7,016,670	18,995,254	4,507,588	3,480,943	4,533,509	2,684,004	5,549,464	6,240,405	0	0
Wood products	321	114,936,729	1,527,090	4,166,448	6,212,973	16,280,826	6,010,944	13,889,774	12,681,393	5,653,176	23,927,827	23,868,735	717,543	0
Paper	322	265,066,881	891,784	214,198	2,931,071	3,120,889	5,799,490	5,972,563	3,966,623	8,276,450	33,739,819	9,597,811	7,146,182	183,410,003
Printing and related support activities	323	74,582,015	3,759,232	4,637,321	3,781,147	8,799,938	17,184,759	6,095,123	2,825,385	4,334,348	8,181,697	0	6,344,962	8,638,103
Petroleum and coal products	324	1,079,281,024	721,207	399,617	844,781	867,580	2,146,240	1,503,596	6,641,427	20,542,955	112,456,433	209,299,805	543,948,377	179,909,006
Chemicals	325	457,968,253	1,930,374	2,335,675	4,420,396	13,075,623	14,932,420	24,930,593	23,874,347	26,990,420	109,156,481	77,855,993	59,541,105	98,924,826
Pesticide, fertilizer, and other agricultural chemical	3253	13,441,609	51,497	83,254	499,006	610,823	2,804,381	1,861,494	1,165,501	0	2,727,898	3,637,755	0	0
Pharmaceuticals and medicines	3254	165,783,109	445,734	602,273	712,435	1,661,966	2,041,139	7,577,581	10,686,484	4,001,866	9,238,239	24,614,474	5,276,093	98,924,826
Soap, cleaning compound, and toilet preparation	3256	32,391,351	521,882	442,903	553,727	1,344,185	1,337,783	6,622,716	1,094,023	734,657	12,159,446	7,580,030	0	0
Other chemicals	other 325	246,352,183	911,261	1,207,245	2,655,228	9,458,649	8,749,118	8,868,801	10,928,340	22,253,897	85,030,898	42,023,734	54,265,013	0
Plastics and rubber products	326	205,605,721	1,214,227	1,770,427	7,571,244	10,700,736	9,744,427	30,631,369	14,451,708	15,082,765	54,378,751	18,070,098	19,180,365	22,809,603
Nonmetallic mineral products	327	126,509,522	1,199,246	2,254,822	6,241,842	6,674,861	25,600,334	5,431,531	14,939,504	8,812,219	30,041,759	15,494,755	9,818,649	0
Primary metals	331	202,425,721	294,459	589,348	1,319,875	4,806,118	9,369,803	12,295,814	12,232,527	13,053,432	51,593,945	8,550,180	67,860,801	20,459,420
Fabricated metal products	332	354,639,483	10,647,436	13,622,056	27,855,772	88,499,022	40,774,881	45,960,430	29,046,947	20,184,741	40,663,530	24,567,117	12,817,553	0
Machinery	333	374,001,247	2,418,213	4,676,397	10,374,862	17,543,711	17,943,808	30,088,970	26,576,823	22,540,504	56,510,357	35,049,900	11,883,614	138,394,088

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Computer and electronic products	334	274,880,112	1,983,157	2,736,332	5,849,619	9,619,263	11,610,140	11,619,887	16,063,786	23,032,529	51,290,484	23,451,756	50,720,702	66,902,456
Communications equipment	3342	13,261,292	145,069	216,172	1,016,862	612,486	1,071,468	2,396,911	864,922	0	6,937,402	0	0	0
Semiconductor and other electronic components	3344	115,287,742	1,144,038	816,456	1,264,715	1,950,966	6,723,967	3,781,634	7,260,430	14,945,144	24,721,424	14,064,639	25,121,575	13,492,755
Navigational, measuring, electromedical, and control instruments	3345	137,478,172	452,925	1,434,671	3,207,790	4,796,381	3,175,006	3,804,960	7,388,971	7,585,782	17,235,742	9,387,117	25,599,126	53,409,701
Other computer and electronic products	other 334	8,852,906	241,125	269,033	360,252	2,259,429	639,701	1,636,383	549,463	501,604	2,395,917	0	0	0
Electrical equipment, appliances, and components	335	93,104,278	583,198	710,866	4,153,760	4,586,692	2,667,126	5,380,770	3,717,211	4,738,561	10,895,005	511,070	24,055,763	31,104,256
Transportation equipment	336	954,880,048	1,918,100	5,522,211	4,202,865	7,060,179	9,976,162	30,050,776	27,000,178	29,836,272	77,403,175	97,923,856	131,943,114	532,043,161
Automobiles, bodies, trailers, and parts	3361–63	767,273,674	1,245,905	4,903,343	2,704,940	4,383,272	7,325,460	20,303,428	22,591,583	25,652,624	48,597,964	84,161,212	110,518,777	434,885,166
Aerospace products and parts	3364	143,324,611	319,273	142,389	537,190	1,107,653	1,205,178	3,403,155	2,041,748	1,916,559	13,095,296	4,102,968	18,295,207	97,157,995
Other transportation	other 336	44,281,763	352,923	476,479	960,735	1,569,253	1,445,524	6,344,193	2,366,848	2,267,089	15,709,915	9,659,675	3,129,130	0
Furniture and related products	337	68,475,326	2,286,054	5,208,285	3,360,336	13,577,153	6,264,477	6,070,860	3,332,158	4,281,154	9,891,490	5,316,121	8,887,238	0
Miscellaneous	339	89,661,719	2,876,270	6,230,794	8,121,867	6,715,164	7,755,685	7,205,497	21,590,055	6,372,586	18,459,066	328,665	4,006,070	0
Medical equipment and supplies	3391	39,943,996	994,235	2,248,043	2,708,913	1,836,649	2,337,501	2,912,899	5,809,597	1,878,870	15,211,221	0	4,006,070	0
Other miscellaneous manufacturing	3399	49,717,722	1,882,036	3,982,751	5,412,954	4,878,515	5,418,184	4,292,598	15,780,459	4,493,716	3,247,846	328,665	0	0
Nonmanufacturing industries	11, 21–23, 42–81	38,175,186,858	1,719,067,684	1,809,681,594	2,589,159,724	5,408,540,467	3,950,722,567	5,116,423,632	1,837,558,597	1,840,901,189	4,024,832,543	1,470,385,031	2,009,857,918	6,398,055,911
Agriculture, forestry, fishing, and hunting	11	452,596,828	13,502,592	10,742,055	6,256,771	18,019,314	9,757,145	4,172,100	1,366,317	4,198,062	384,490,361	0	92,111	0
Mining, extraction, and support activities	21	447,802,122	4,017,448	5,407,278	6,741,936	14,934,435	20,690,631	36,283,632	19,389,368	44,494,511	190,526,333	41,136,064	41,947,857	22,232,628

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Utilities	22	451,057,405	971,484	839,805	1,500,096	8,477,351	r 1,965,098	2,517,131	7,062,711	9,684,645	175,416,561	41,756,206	121,064,657	79,801,659
Construction	23	2,709,580,583	275,433,962	252,291,756	299,175,438	595,368,160	485,377,852	250,997,333	156,099,375	74,939,945	207,311,578	60,943,831	28,609,130	23,032,222
Wholesale trade	42	3,083,626,778	154,780,629	163,920,458	197,831,114	372,349,958	286,013,107	282,472,601	284,304,136	229,604,864	365,704,406	176,367,521	220,661,698	349,616,286
Retail trade	44–45	5,125,621,777	219,879,917	281,708,558	261,095,579	538,641,255	232,818,743	435,087,584	103,004,298	107,635,882	184,127,201	125,410,742	114,434,693	2,521,777,325
Transportation and warehousing	48–49	1,433,422,087	59,195,587	41,558,054	64,652,735	188,449,509	117,688,409	202,177,198	54,733,208	48,631,525	115,404,064	101,157,405	75,580,157	364,194,237
Information	51	1,432,128,141	16,463,306	14,454,158	32,606,930	34,742,549	42,378,740	46,593,590	75,321,538	62,304,393	225,501,562	76,741,852	110,699,666	694,319,857
Publishing	511	364,710,246	4,465,590	4,499,918	8,696,930	12,462,559	6,877,142	12,887,383	34,187,591	11,432,060	47,268,984	38,062,630	50,254,277	133,615,180
Newspaper, periodical, book, and directory publishers	5111	49,375,599	2,848,924	2,794,084	4,803,123	4,507,951	2,152,663	6,194,955	1,946,378	2,805,382	8,932,962	12,389,176	0	0
Software publishers	5112	315,334,647	1,616,666	1,705,835	3,893,808	7,954,607	4,724,479	6,692,428	32,241,212	8,626,679	38,336,022	25,673,454	50,254,277	133,615,180
Telecommunications	517	605,128,337	1,986,924	4,313,225	r 2,924,059	6,172,457	10,004,275	10,202,174	2,886,203	16,291,634	27,740,003	6,453,157	29,868,695	486,285,531
Data processing, hosting, and related services	518	206,165,068	2,073,935	1,562,290	2,162,673	4,232,466	5,674,124	16,126,624	22,616,879	22,274,819	122,373,384	2,301,698	4,766,177	0
Other information	other 51	256,124,490	7,936,856	4,078,725	18,823,268	r 11,875,067	19,823,199	r 7,377,409	15,630,866	12,305,879	28,119,191	29,924,367	25,810,517	74,419,146
Finance and insurance	52	2,963,061,998	101,518,391	58,221,628	97,460,694	40,928,170	71,426,673	69,310,867	65,069,589	120,244,127	447,917,935	431,741,159	377,627,400	1,081,595,365
Real estate and rental and leasing	53	702,732,930	112,619,998	55,787,833	41,131,161	98,923,792	116,978,087	r 30,122,141	27,485,250	51,393,321	64,777,185	11,628,212	62,764,459	29,121,489
Lessors of nonfinancial intangible assets (except copyrighted works)	533	15,006,925	740,953	410,642	614,865	r 1,700,432	r 1,796,703	r 776,830	370,371	788,383	7,807,745	0	0	0
Other real estate and rental and leasing	other 53	687,726,005	111,879,045	55,377,191	40,516,296	97,223,360	115,181,384	r 29,345,311	27,114,879	50,604,938	56,969,440	11,628,212	62,764,459	29,121,489
Professional, scientific, and technical services	54	1,962,907,332	210,311,002	166,735,597	154,491,260	227,640,144	196,741,732	215,024,520	169,011,205	95,859,808	197,895,472	71,080,631	125,896,044	132,219,919
Legal services	5411	347,457,158	34,047,499	25,415,743	26,896,112	43,193,436	52,191,215	r 79,308,590	r 19,357,812	18,206,499	48,840,252	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services	5412	300,127,584	42,233,953	39,163,777	22,776,471	23,166,502	6,012,512	6,784,087	75,816,303	r 14,178,898	17,918,351	5,713,659	2,928,657	43,434,415

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Architectural, engineering, and related services	5413	281,873,491	19,674,852	26,203,882	18,940,995	32,381,998	23,791,812	27,350,611	17,004,739	15,566,193	27,059,952	23,097,437	17,542,029	33,258,991
Specialized design services	5414	45,091,822	13,086,502	7,535,400	3,536,458	3,503,232	17,028,340	270,265	26,184	105,440	0	0	0	0
Computer systems design and related services	5415	335,582,354	28,263,711	16,291,756	19,182,115	47,959,743	23,136,180	43,684,047	17,521,266	13,154,253	36,079,724	17,348,834	36,326,740	36,633,985
Management, scientific, and technical consulting services	5416	231,857,843	48,869,666	25,789,328	25,278,508	36,764,321	14,468,718	19,891,383	12,065,032	11,504,282	16,589,681	3,789,146	4,452,399	12,395,379
Scientific research and development services	5417	191,686,895	3,274,991	4,390,032	5,417,815	9,138,867	16,741,944	24,517,236	14,565,098	18,318,295	30,677,275	9,084,696	49,063,497	6,497,149
Advertising, public relations, and related services	5418	81,633,179	8,255,000	6,865,383	5,291,798	13,712,696	5,856,677	6,597,746	4,847,631	2,566,357	15,656,465	42,876	11,940,549	0
Other professional, scientific, and technical services	5419	147,597,005	12,604,828	15,080,296	27,170,988	17,819,349	37,514,333	6,620,556	7,807,141	2,259,590	5,073,771	12,003,982	3,642,172	0
Management of companies and enterprises	55	20,358,122	4,617,584	429,213	890,735	7,455,852	9,054	283,380	6,602,105	70,199	0	0	0	0
Administrative and support and waste management and remediation services	56	4,672,495,143	125,254,804	116,112,929	170,464,609	359,041,944	309,922,616	742,483,269	318,641,701	687,167,236	488,033,367	229,871,393	275,283,305	850,217,969
Educational services	61	235,784,643	14,271,171	45,241,177	62,033,451	73,358,278	4,510,055	1,998,744	8,537,015	2,386,097	12,404,861	1,393,943	3,147,975	6,501,875
Health care and social assistance	62	4,244,185,492	148,100,192	209,317,727	331,280,938	603,969,753	522,373,415	1,062,395,845	199,913,042	200,735,890	384,403,845	51,809,042	380,706,042	149,179,762
Health care services	621–23	2,778,028,563	116,963,197	157,712,232	208,674,366	275,756,125	441,345,457	695,252,961	69,126,362	106,874,880	162,484,808	18,290,717	379,987,211	145,560,247
Social assistance	624	1,466,156,929	31,136,995	51,605,496	122,606,571	328,213,628	81,027,958	367,142,884	130,786,680	93,861,010	221,919,036	33,518,324	718,831	3,619,515
Arts, entertainment, and recreation	71	657,390,095	36,836,317	21,499,110	74,828,265	145,836,759	38,772,831	168,196,433	76,533,813	8,716,626	63,265,195	4,922,163	11,108,797	6,873,785
Accommodation and food services	72	6,920,642,724	87,314,604	226,875,291	655,343,814	1,928,980,919	1,452,674,585	1,549,963,610	253,181,805	87,055,631	502,824,475	36,368,874	53,704,259	86,354,858
Other services	81	659,792,656	133,978,695	138,538,968	131,374,197	151,422,324	40,623,793	16,343,655	11,302,122	5,778,426	14,828,142	8,055,992	6,529,667	1,016,675

i = > 50% of the estimate is a combination of imputation and reweighting to account for nonresponse; r = relative standard error > 50%.

NAICS = 2017 North American Industry Classification System.

Note(s):

Detail may not add to total because of rounding or unavailable NAICS detail for select records beyond the 4-digit industry classification. Industry classification is based on dominant establishment payroll. Statistics are representative of companies located in the United States.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, 2020 Annual Business Survey: Data Year 2019.