

## TOP 100 PUBLIC COMPANIES BASED ON 2018 REVENUES

2019 RANK	2018 RANK	COMPANY	TICKER	2018 SALES (000'S)	2017 SALES (000'S)	% CHANGE	2018 NET INCOME	EMPLOYEES	BUSINESS DESCRIPTION
1	1	Arrow Electronics	ARW	\$29,676,768	\$26,812,508	10.68%	\$716,195	20,100	Electronics Wholesale
2	7	Qurate Retail Group Inc.	QRTEA	14,070,000	10,404,000	35.24%	823,000	27,226	TV Commerce
3	2	DISH Network Corp.	DISH	13,621,302	14,391,375	-5.35%	1,575,091	16,000	CATV Systems
4	3	Molson Coors Brewing Co.	TAP	13,338,000	11,002,800	21.22%	1,134,600	17,750	Beverages – Brewers
5	4	Ball Corp.	BLL	11,635,000	10,983,000	5.94%	453,000	17,500	Packaging and containers
6	5	DaVita Health Care Partners Inc.	DVA	11,404,851	10,876,634	4.86%	790,078	77,700	Specialized Health Services
7	6	Pilgrim's Pride Corp.	PPC	10,937,784	10,767,863	1.58%	246,804	52,100	Food – Major Diversified
8	8	DCP Midstream Partners LP	DCP	8,502,000	8,462,000	0.47%	234,000	N/A	Oil and Gas Pipelines
9	10	Newmont Mining Corp.	NEM	7,253,000	7,348,000	-1.29%	319,000	12,400	Gold
10	9	Liberty Media Corp.	LSXMA	5,771,000	7,594,000	-24.01%	1,004,000	3,503	Interests in Media, Communications & Entertainment
11	11	The Western Union Co.	WU	5,589,900	5,524,300	1.19%	1,122,100	12,000	Credit Services
12	12	Chipotle Mexican Grill Inc.	CMG	4,864,985	4,476,412	8.68%	176,553	73,000	Restaurants
13	13	Antero Resources Corp.	AR	4,139,626	3,655,574	13.24%	-397,517	623	Oil and Gas Drilling and Exploration
14	14	IHS Markit Ltd	INFO	4,009,200	3,599,700	11.38%	539,200	14,900	Information & Delivery Services
15	15	MDC Holdings Inc.	MDC	3,065,216	2,577,614	18.92%	210,780	1,581	Residential Construction
16	16	Zayo Group	ZAYO	2,604,000	2,199,800	18.37%	101,900	3,774	Networking & Communication Devices
17	19	Cimarex Energy Co.	XEC	2,339,017	1,918,249	21.94%	791,851	955	Independent Oil & Gas
18	17	Woodward Inc.	WWD	2,325,873	2,098,685	10.83%	180,378	8,277	Aerospace/Defense Products & Services
19	26	Century Communities Inc.	CCS	2,147,413	1,423,799	50.82%	96,455	1,389	Residential Construction
20	18	Summit Materials Inc.	SUM	2,101,002	1,932,575	8.72%	36,330	6,000	General Building Materials
21	21	EchoStar Corp.	SATS	2,091,363	1,885,508	10.92%	-36,633	2,200	Communication Equipment
22	24	Whiting Petroleum Corp.	WLL	2,081,414	1,481,435	40.50%	342,494	755	Oil and Gas Drilling and Exploration
23	20	Vail Resorts Inc.	MTN	2,011,553	1,907,218	5.47%	401,230	6,100	Resorts & Casinos
24	22	QEP Resources Inc.	QEP	1,932,600	1,622,900	19.08%	-1,011,600	465	Oil and Gas Pipelines
25	30	SM Energy Co.	SM	1,640,155	1,260,404	30.13%	508,407	611	Independent Oil & Gas
26	23	Liberty TripAdvisor Holdings Inc.	LTRPA	1,615,000	1,569,000	2.93%	-9,000	3,366	Recreational Goods, Other
27	25	TeleTech Holdings Inc.	TTEC	1,509,171	1,477,365	2.15%	39,755	52,400	Business Services
28	29	Innospec Inc.	IOSP	1,476,900	1,306,800	13.02%	85,000	2,000	Specialty Chemicals
30	28	Red Robin Gourmet Burgers Inc.	RRGB	1,338,563	1,380,929	-3.07%	-6,419	27,283	Restaurants
31	35	PDC Energy Inc.	PDCE	1,313,065	921,616	42.47%	78,140	N/A	Independent Oil & Gas
32	31	Vectrus Inc.	VEC	1,279,304	1,114,788	14.76%	35,296	6,700	Business Services
33	32	Crocs Inc.	CROX	1,088,205	1,023,513	6.32%	50,437	3,901	Textile – Apparel Footwear & Accessories
34	41	Extraction Oil & Gas Inc.	XOG	1,060,743	604,296	75.53%	121,855	279	Acquisition, Development, Production of Oil, Natural Gas & NGL Reserves
35	34	UDR Inc.	UDR	1,046,859	995,791	5.13%	220,642	1,405	REIT - Residential
36	38	Antero Midstream Partners LP	AM	1,028,522	772,497	33.14%	585,944	N/A	Oil & Gas Pipelines
37	33	Apartment Investment & Management Co.	AIV	965,423	1,005,437	-3.98%	716,603	1,050	REIT – Residential
29	27	Westmoreland Coal Co.	WLB	900,879	1,384,568	-34.93%	-253,123	2,950	Nonmetallic Mineral Mining
38	37	CSG Systems International Inc.	CSGS	875,059	789,582	10.83%	66,130	3,965	Business Software & Services
39	39	Natural Grocers by Vitamin Cottage Inc.	NGVC	849,042	769,030	10.40%	12,661	3,019	Grocery Stores
40	40	Advanced Energy Industries Inc.	AEIS	718,892	671,012	7.14%	147,149	2,259	Diversified Electronics
41	36	BioScrip Inc.	BIOS	708,903	817,190	-13.25%	-51,592	1,657	Home Health Care
42	49	SRC Energy Inc.	SRCI	645,641	362,516	78.10%	260,022	147	Industrial Metals & Minerals
43	53	Jagged Peak Energy Inc.	JAG	581,644	267,312	117.59%	165,458	94	Gold
44	43	CoreSite Realty Corp.	COR	544,392	481,821	12.99%	106,763	454	REIT - Office
45	42	Ascent Capital Group Inc.	ASCMA	540,358	553,455	-2.37%	-698,044	1,330	Security & Protection Services
46	44	Noodles & Co.	NDLS	457,841	456,492	0.30%	-8,441	9,400	Restaurants
47	45	Royal Gold Inc.	RGLD	456,774	440,814	3.62%	-119,351	23	Gold
48	47	National CineMedia Inc.	NCMI	441,400	426,100	3.59%	158,200	536	Marketing Services
49	55	HighPoint Resources Corp.	HPR	416,255	252,839	64.63%	121,220	162	Oil & Gas Drilling & Exploration
50	59	Dynamic Materials Corp.	BOOM	326,429	192,803	69.31%	30,473	665	Metal Fabrication

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51	52	Hallador Energy Co.	HNRG	293,557	268,202	9.45%	7,621	848	Nonmetallic Mineral Mining
52	60	Bonanza Creek Energy Inc.	BCEI	276,657	192,124	44.00%	167,186	144	Independent Oil & Gas
53	56	National Bank Holdings Corp.	NBHC	263,236	203,626	29.27%	77,859	1252	Regional Midwest Banks
54	54	CPI Card Group Inc.	PMTS	255,814	254,862	0.37%	-14,799	1,100	Financial Payment Card Solutions
55	48	DCT Industrial Trust Inc.	DCT	241,299	223,358	8.03%	-6,837	145	REIT - Industrial
56	61	Transmontaigne Partners LP	TLP	228,093	183,272	24.46%	23,800	N/A	Oil & Gas Pipelines
57	58	RE/MAX Holdings Inc.	RMAX	212,626	195,929	8.52%	50,365	500	Property Management
58	64	Intrepid Potash Inc.	IPI	208,270	157,607	32.15%	11,783	429	Agricultural Chemicals
59	57	Black Creek Diversified Property Fund Inc.	ZDPFSX	190,325	197,346	-3.56%	-1,338	N/A	Real Estate Investment Trust
60	66	Array BioPharma Inc.	ARRY	180,091	150,852	19.38%	-111,472	298	Biotechnology
61	51	StarTek Inc.	SRT	169,957	292,604	-41.92%	-4,835	47,500	Business Services
62	65	Century Casinos Inc.	CNTY	168,938	154,069	9.65%	4,006	1,757	Resorts & Casinos
63	70	McEwen Mining Inc.	MUX	128,822	67,724	90.22%	-44,870	427	Industrial Metals & Minerals
64	67	Heska Corp.	HSKA	127,446	129,341	-1.47%	5,850	347	Medical Laboratories & Research
65	68	Gold Resource Corp.	GORO	115,308	110,156	4.68%	9,288	47	Gold
66	63	Guaranty Bancorp	GBNK	99,489	159,746	-37.72%	32,790	487	Regional- MidAtlantic Banks
67	69	Good Times Restaurants Inc.	GTIM	99,240	79,080	25.49%	372	2,368	Restaurants
68	72	Clovis Oncology Inc.	CLVS	95,388	55,511	71.84%	-368,009	468	Biotechnology
69	62	CoBiz Financial Inc.	COBZ	76,954	177,188	-56.57%	24,375	538	Regional - Southwest Banks
70		Charlotte's Web Holdings Inc.	CWBHF	69,500		N/A	11,800	219	Drug Manufacturer
71	73	Farmland Partners Inc.	FPI	56,069	46,219	21.31%	14,040	13	REIT - Diversified
72	84	Carbon Natural Gas Co.	CRBO	53,051	22,473	136.07%	12,779	168	Independent Oil and Gas
73	75	Enservco Corp.	ENSV	46,919	40,752	15.13%	-5,865	204	Independent Oil & Gas
74	71	Birmer Dental Management Services Inc.	BDMS	46,143	60,712	-24.00%	-2,056	489	Business Services
75	81	Gaia Inc.	GAIA	43,843	28,290	54.98%	-33,793	150	Digital content subscriptions
76	77	Rocky Mountain Chocolate Factory Inc.	RMCF	38,075	38,296	-0.58%	2,964	285	Confectioners
77	74	Scott's Liquid Gold Inc.	SLGD	37,058	42,186	-12.16%	2,227	74	Wood Cleaning Products
78	82	Gevo Inc.	GEVO	32,838	27,536	19.25%	-22,186	80	Chemicals – Major Diversified
79	83	Zynex Inc.	ZYXI	31,917	23,432	36.21%	9,552	182	Medical Appliances & Equipment
80	79	Energy Fuels Inc.	UUUU	31,721	31,046	2.17%	-25,362	104	Uranium & Vanadium Mining
81	80	Evolving Systems Inc.	EVOL	30,636	28,812	6.33%	-14,787	314	Technical & System Software
82		GrowGeneration Corp.	GRWG	29,001	N/A	N/A	-5,074	90	Industrial Distribution
83	78	Advanced Emissions Solutions Inc.	ADES	23,945	35,692	-32.91%	35,454	128	Industrial Goods
84	76	UR-Energy Inc.	URG	23,496	38,368	-38.76%	4,534	42	Industrial Metals & Minerals
85	89	Liberty Broadband Corp.	LBRDA	22,256	13,092	70.00%	69,953	N/A	Cable Operator
86	88	Aspen Group Inc.	ASPU	22,022	14,247	54.57%	-7,061	305	Education & Training Services
87		PetroShare Corp.	PRHR	18,928	N/A	N/A	N/A	11	Oil & Gas E&P
88	85	Where Food Comes From Inc.	WFCF	17,800	15,448	15.23%	801	60	Ag & Food Industry verification and cert
89	91	UQM Technologies Inc.	UQM	14,175	7,779	82.22%	-6,504	51	Auto Parts
90	87	Glowpoint Inc.	GLOW	12,557	14,799	-15.15%	-7,168	50	Diversified Communication Services
91		Fiore Gold Ltd	FIOGF	12,005	N/A	N/A	764	N/A	Gold
92		VirtualArmour International Inc.	VTLR	11,204		N/A	-411	N/A	Cybersecurity Managed Services
93		Surma Inc.	SRNA	9,582	N/A	N/A	-4,744	25	Farm & Construction Equipment
94		Helix TCS Inc.	HLIX	9,564	N/A	N/A	-8,182	154	Security & Protection Services
95	90	Encision Inc.	ECIA	8,754	8,870	-1.31%	336	36	Medical Instruments & Supplies
96	95	Miragen Therapeutics Inc.	MGEN	8,386	4,003	109.49%	-32,703	77	Biotechnology
97		United Cannabis Corp.	CNAB	7,245	N/A	N/A	-24,319	65	Health Info Services
98	92	Golden Minerals Co.	AUMN	7,217	6,691	7.86%	-1,945	178	Mining, Exploration and Development of Mineral Properties
99		Medicine Man Technologies Inc.	MDCL	7,019	N/A	N/A	5,158	21	Business Services
100	96	Pure Cycle Corp.	PCYO	6,959	1,227	467.16%	415	19	Water Utilities