

2019 US - Q4 Goodwill/Assets and Q4 Operating Margin

	Ticker	Company Name	Goodwill Over Assets	Operating Margin
1	VMC	VULCAN MATERIALS CO	29.74%	17.96%
2	MLM	MARTIN MARIETTA MATERIALS	23.66%	18.49%
3	FTDR	FRONTDOOR INC	40.08%	19.19%
4	KHC	KRAFT HEINZ CO	35.04%	20.38%
5	MDLZ	MONDELEZ INTERNATIONAL INC	32.30%	17.05%
6	HSY	HERSHEY CO	24.40%	21.49%
7	SMPL	SIMPLY GOOD FOODS COMPANY	41.29%	16.04%
8	MNST	MONSTER BEVERAGE CORP	25.86%	33.77%
9	MKC	MCCORMICK & CO INC	43.48%	18.30%
10	KDP	KEURIG DR PEPPER INC	40.74%	23.97%
11	MMM	3M CO	30.10%	21.99%
12	REYN	REYNOLDS CONSUMER PRODUCTS	45.17%	18.63%
13	LEE	LEE ENTERPRISES INC	45.08%	16.03%
14	DLX	DELUXE CORP	41.40%	15.80%
15	BCPC	BALCHEM CORP -CL B	45.34%	16.20%
16	MRK	MERCK & CO	23.02%	31.01%
17	PFE	PFIZER INC	35.02%	27.53%
18	ZTS	ZOETIS INC	22.45%	33.67%
19	QDEL	QUIDEL CORP	37.00%	19.79%
20	VIVO	MERIDIAN BIOSCIENCE INC	27.42%	19.37%
21	AMGN	AMGEN INC	24.63%	41.61%
22	RGEN	REPLIGEN CORP	33.46%	18.53%
23	TECH	BIO-TECHNE CORP	38.88%	20.92%
24	ALXN	ALEXION PHARMACEUTICALS INC	28.71%	42.88%
25	CHD	CHURCH & DWIGHT INC	31.24%	19.52%
26	PG	PROCTER & GAMBLE CO	34.99%	21.52%
27	CLX	CLOROX CO/DE	31.10%	17.81%
28	CL	COLGATE-PALMOLIVE CO	23.33%	23.95%
29	WDFC	WD-40 CO	31.50%	19.46%
30	CCMP	CABOT MICROELECTRONICS CORP	31.39%	22.35%
31	CCF	CHASE CORP	26.62%	17.22%
32	SEE	SEALED AIR CORP	38.45%	15.51%
33	B	BARNES GROUP INC	34.07%	16.37%
34	HLIO	HELIOS TECHNOLOGIES INC	36.95%	17.05%
35	ENTG	ENTEGRIS INC	27.62%	18.57%
36	ITW	ILLINOIS TOOL WORKS	29.81%	24.11%
37	IEX	IDEX CORP	46.66%	24.26%
38	NDSN	NORDSON CORP	45.92%	22.16%
39	SGMS	SCIENTIFIC GAMES CORP	42.00%	17.15%
40	CSCO	CISCO SYSTEMS INC	34.29%	27.30%

	Ticker	Company Name	Goodwill Over Assets	Operating Margin
41	ZBRA	ZEBRA TECHNOLOGIES CP -CL A	55.66%	16.28%
42	EVRI	EVERI HOLDINGS INC	41.84%	18.93%
43	MIDD	MIDDLEBY CORP	36.98%	17.66%
44	GNRC	GENERAC HOLDINGS INC	30.21%	16.88%
45	SWKS	SKYWORKS SOLUTIONS INC	24.58%	30.86%
46	ADI	ANALOG DEVICES	57.29%	30.15%
47	TXN	TEXAS INSTRUMENTS INC	24.21%	39.54%
48	LSCC	LATTICE SEMICONDUCTOR CORP	43.71%	15.68%
49	AVGO	BROADCOM INC	54.40%	20.06%
50	APH	AMPHENOL CORP	45.00%	19.80%
51	ALSN	ALLISON TRANSMISSION HLDGS	45.87%	32.88%
52	HEI	HEICO CORP	42.73%	22.36%
53	CW	CURTISS-WRIGHT CORP	30.99%	16.24%
54	TDG	TRANSDIGM GROUP INC	48.11%	40.12%
55	LHX	L3HARRIS TECHNOLOGIES INC	52.78%	17.01%
56	RTN	RAYTHEON CO	43.05%	16.47%
57	FLIR	FLIR SYSTEMS INC	43.49%	16.88%
58	TDY	TELEDYNE TECHNOLOGIES INC	44.77%	15.62%
59	AME	AMETEK INC	41.11%	22.82%
60	EMR	EMERSON ELECTRIC CO	31.89%	16.98%
61	ROP	ROPER TECHNOLOGIES INC	59.72%	28.03%
62	DHR	DANAHER CORP	36.58%	18.77%
63	TMO	THERMO FISHER SCIENTIFIC INC	44.05%	16.68%
64	A	AGILENT TECHNOLOGIES INC	38.01%	20.05%
65	KLAC	KLA CORP	24.55%	31.29%
66	FTV	FORTIVE CORP	48.16%	16.48%
67	BDX	BECTON DICKINSON & CO	45.16%	16.74%
68	TFX	TELEFLEX INC	35.58%	19.84%
69	MSA	MSA SAFETY INC	25.10%	16.00%
70	SYK	STRYKER CORP	30.06%	23.14%
71	IART	INTEGRA LIFESCIENCES HOLDNGS	28.89%	17.19%
72	ZBH	ZIMMER BIOMET HOLDINGS INC	38.96%	18.90%
73	HOLX	HOLOGIC INC	39.80%	17.83%
74	ABT	ABBOTT LABORATORIES	34.17%	15.80%
75	BSX	BOSTON SCIENTIFIC CORP	33.29%	19.28%
76	RMD	RESMED INC	45.19%	24.39%
77	COO	COOPER COS INC (THE)	38.71%	22.10%
78	MPLX	MPLX LP	23.59%	37.69%
79	T	AT&T INC	26.51%	17.14%
80	CTL	CENTURYLINK INC	33.26%	16.87%
81	NUVR	NUVERA COMMUNICATIONS INC	30.76%	23.30%

	Ticker	Company Name	Goodwill Over Assets	Operating Margin
82	Q1	QWEST CORP	44.57%	35.36%
83	OTEL	OTELCO INC	37.25%	23.65%
84	IHRT	IHEARTMEDIA INC	30.18%	17.17%
85	SIRI	SIRIUS XM HOLDINGS INC	34.47%	22.53%
86	TGNA	TEGNA INC	42.43%	25.96%
87	HMTV	HEMISPHERE MEDIA GROUP INC	33.95%	32.89%
88	5952B	UNIVISION COMMUNICATIONS INC	49.26%	28.88%
89	VIAB	VIACOM INC	50.09%	21.16%
90	CMCSA	COMCAST CORP	26.09%	19.56%
91	ATUS	ALTICE USA INC	23.87%	19.43%
92	DISCA	DISCOVERY INC	38.68%	28.60%
93	MSGN	MSG NETWORKS INC	48.97%	42.99%
94	DIS	DISNEY (WALT) CO	41.39%	17.26%
95	VIAC	VIACOMCBS INC	34.29%	18.37%
96	CMCSA2	NBCUNIVERSAL MEDIA LLC	29.19%	19.48%
97	FE3	TOLEDO EDISON CO	37.58%	32.29%
98	SO7	SOUTHERN CO GAS	23.12%	23.34%
99	WM	WASTE MANAGEMENT INC	23.54%	18.14%
100	RSG	REPUBLIC SERVICES INC	51.29%	17.16%
101	PINC	PREMIER INC	34.27%	31.34%
102	IAA	IAA INC	25.16%	22.38%
103	WING	WINGSTOP INC	30.21%	21.49%
104	DNKN	DUNKIN' BRANDS GROUP INC	22.66%	31.59%
105	HLT	HILTON WORLDWIDE HOLDINGS	34.49%	16.71%
106	WH	WYNDHAM HOTELS & RESRTS	33.95%	23.59%
107	CSV	CARRIAGE SERVICES INC	35.25%	20.67%
108	LAMR1	LAMAR MEDIA CORP	32.11%	29.14%
109	SPGI	S&P GLOBAL INC	31.50%	48.34%
110	TRU	TRANSUNION	47.49%	23.04%
111	MCO	MOODY'S CORP	36.26%	43.30%
112	ROL	ROLLINS INC	32.84%	15.88%
113	URI	UNITED RENTALS INC	27.17%	24.02%
114	MINI	MOBILE MINI INC	33.70%	26.29%
115	ADBE	ADOBE INC	51.49%	29.25%
116	HQY	HEALTH EQUITY INC	52.01%	20.51%
117	CDK	CDK GLOBAL INC	45.23%	31.59%
118	MTCH	MATCH GROUP INC	51.14%	31.62%
119	TW	TRADEWEB MARKETS INC	52.89%	24.47%
120	FDS	FACTSET RESEARCH SYSTEMS INC	43.95%	30.52%
121	CTSH	COGNIZANT TECH SOLUTIONS	24.56%	16.76%

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122	CSGP	COSTAR GROUP INC	48.83%	25.97%
123	EBAY	EBAY INC	28.35%	22.20%
124	STMP	STAMPS.COM INC	42.61%	16.36%
125	JCOM	J2 GLOBAL INC	46.58%	21.90%
126	AKAM	AKAMAI TECHNOLOGIES INC	22.84%	20.17%
127	MORN	MORNINGSTAR INC	43.83%	16.69%
128	TTGT	TECHTARGET INC	42.25%	16.97%
129	EBIX	EBIX INC	59.84%	26.05%
130	PRGS	PROGRESS SOFTWARE CORP	49.11%	17.46%
131	SNPS	SYNOPSIS INC	49.51%	16.34%
132	INTU	INTUIT INC	26.34%	27.34%
133	SCPL	SCIPLAY CORP	31.38%	26.86%
134	CTXS	CITRIX SYSTEMS INC	40.98%	18.55%
135	SSNC	SS&C TECHNOLOGIES HLDGS INC	47.55%	19.74%
136	ANSS	ANSYS INC	49.87%	34.41%
137	SLP	SIMULATIONS PLUS INC	22.98%	31.35%
138	PCYG	PARK CITY GROUP INC	39.45%	18.85%
139	GSB	GLOBALSCAPE INC	36.78%	38.45%
140	ATVI	ACTIVISION BLIZZARD INC	49.20%	26.88%
141	JKHY	HENRY (JACK) & ASSOCIATES	30.53%	22.37%
142	FICO	FAIR ISAAC CORP	56.06%	21.86%
143	FFIV	F5 NETWORKS INC	31.42%	26.55%
144	FISV	FISERV INC	46.48%	16.40%
145	VRRM	VERRA MOBILITY CORP	41.50%	23.01%
146	GPN	GLOBAL PAYMENTS INC	53.42%	21.32%
147	WEX	WEX INC	29.42%	26.67%
148	FIS	FIDELITY NATIONAL INFO SVCS	62.34%	17.03%
149	BKI	BLACK KNIGHT INC	59.59%	25.06%
150	FLT	FLEETCOR TECHNOLOGIES INC	39.46%	46.74%
151	EVTC	EVERTEC INC	39.49%	29.65%
152	EEX	EMERALD HOLDING INC	66.61%	17.10%
153	NRC	NATIONAL RESEARCH CORP	52.34%	33.63%
154	MTN	VAIL RESORTS INC	36.33%	21.93%
155	SIX	SIX FLAGS ENTERTAINMENT CORP	22.88%	28.69%
156	DGX	QUEST DIAGNOSTICS INC	51.54%	15.79%
157	ATGE	ADTALEM GLOBAL EDUCATION INC	38.99%	17.40%
158	HON	HONEYWELL INTERNATIONAL INC	26.52%	20.15%
159	STZ	CONSTELLATION BRANDS	28.39%	32.35%
160	KMI	KINDER MORGAN INC	28.93%	29.74%
161	CX2	CLEVELAND ELECTRIC ILLUM	41.21%	27.10%
162	LSXMK	LIBERTY MEDIA SIRIUSXM GROUP	50.29%	21.21%

	Ticker	Company Name	Goodwill Over Assets	Operating Margin
163	GWGH	GWG HOLDINGS INC	64.87%	38.20%
164	ZI	ZOOMINFO TECHNOLOGIES -REDH	61.90%	17.63%
165	NSCO	NESCO HOLDINGS INC	29.22%	16.78%
166	VNT	VONTIER CORP -REDH	40.65%	20.56%
167	VMW	VMWARE INC -CLA	35.48%	17.85%

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2	MLM	MARTIN MARIETTA MATERIALS	25.12%	16.61%
3	FTDR	FRONTDOOR INC	45.73%	16.93%
4	KHC	KRAFT HEINZ CO	35.28%	22.97%
5	MDLZ	MONDELEZ INTERNATIONAL INC	33.04%	17.22%
6	HSY	HERSHEY CO	23.38%	22.79%
7	MNST	MONSTER BEVERAGE CORP	29.42%	33.72%
8	KDP	KEURIG DR PEPPER INC	40.91%	23.15%
9	TPB	TURNING POINT BRANDS INC	43.00%	17.77%
10	MMM	3M CO	27.54%	23.45%
11	REYN	REYNOLDS CONSUMER PRODUCTS	29.26%	17.00%
12	DLX	DELUXE CORP	50.35%	18.18%
13	BCPC	BALCHEM CORP -CL B	45.65%	16.64%
14	PFE	PFIZER INC	33.50%	28.77%
15	CELG	CELGENE CORP	22.56%	42.30%
16	ZTS	ZOETIS INC	23.37%	32.79%
17	QDEL	QUIDEL CORP	41.79%	22.00%
18	ABBV	ABBVIE INC	26.39%	38.41%
19	BIIB	BIOGEN INC	22.56%	47.47%
20	ALXN	ALEXION PHARMACEUTICALS INC	36.16%	39.44%
21	CHD	CHURCH & DWIGHT INC	32.84%	19.00%
22	IFF	INTL FLAVORS & FRAGRANCES	41.73%	17.03%
23	B	BARNES GROUP INC	34.02%	16.23%
24	HLIO	HELIOS TECHNOLOGIES INC	36.76%	16.82%
25	ENTG	ENTEGRIS INC	23.74%	19.92%
26	ITW	ILLINOIS TOOL WORKS	31.16%	24.27%
27	IR	INGERSOLL RAND INC	28.74%	17.14%
28	IEX	IDEX CORP	48.88%	23.52%
29	SGMS	SCIENTIFIC GAMES CORP	42.50%	16.01%
30	EVRI	EVERI HOLDINGS INC	41.37%	18.71%
31	MIDD	MIDDLEBY CORP	38.31%	17.41%
32	LFUS	LITTELFUSE INC	31.62%	18.26%
33	GNRC	GENERAC HOLDINGS INC	31.52%	17.65%
34	TXN	TEXAS INSTRUMENTS INC	25.45%	42.55%
35	APH	AMPHENOL CORP	40.85%	20.67%
36	ALSN	ALLISON TRANSMISSION HLDGS	45.81%	34.17%
37	CW	CURTISS-WRIGHT CORP	33.42%	15.49%
38	RTN	RAYTHEON CO	46.65%	16.74%
39	FLIR	FLIR SYSTEMS INC	32.52%	21.24%
40	AME	AMETEK INC	41.70%	22.19%
41	ROP	ROPER TECHNOLOGIES INC	61.29%	26.90%
42	MKSI	MKS INSTRUMENTS INC	22.45%	24.15%
43	DHR	DANAHER CORP	54.16%	17.46%
44	TMO	THERMO FISHER SCIENTIFIC INC	45.08%	16.07%
45	FTV	FORTIVE CORP	47.52%	19.42%

	Ticker	Company Name	Goodwill Over Assets	Operating Margin
46	TFX	TELEFLEX INC	35.78%	19.44%
47	SYK	STRYKER CORP	31.45%	22.79%
48	IART	INTEGRA LIFESCIENCES HOLDNGS	29.81%	15.98%
49	ZBH	ZIMMER BIOMET HOLDINGS INC	39.77%	17.96%
50	BSX	BOSTON SCIENTIFIC CORP	37.67%	19.40%
51	T	AT&T INC	27.52%	16.48%
52	CTL	CENTURYLINK INC	39.90%	15.74%
53	NUVR	NUVERA COMMUNICATIONS INC	31.14%	21.79%
54	LICT	LICT CORP	23.78%	27.60%
55	FTR	FRONTIER COMMUNICATIONS CORP	26.98%	17.51%
56	Q1	QWEST CORP	45.47%	31.32%
57	OTEL	OTELCO INC	39.33%	26.93%
58	IHRT	IHEARTMEDIA INC	33.57%	16.25%
59	LSXMK	LIBERTY MEDIA SIRIUSXM GROUP	50.37%	29.27%
60	LMCA.CM	LIBERTY MEDIA CORP -CONSOL	45.03%	19.65%
61	SIRI	SIRIUS XM HOLDINGS INC	28.02%	31.12%
62	TSQ	TOWNSQUARE MEDIA INC	24.37%	17.63%
63	TGNA	TEGNA INC	49.21%	31.44%
64	TRCO	TRIBUNE MEDIA CO	39.13%	16.60%
65	HMTV	HEMISPHERE MEDIA GROUP INC	33.91%	27.16%
66	SBGI	SINCLAIR BROADCAST GP -CLA	32.32%	20.98%
67	5952B	UNIVISION COMMUNICATIONS INC	50.06%	30.80%
68	NXST	NEXSTAR MEDIA GROUP	30.70%	27.35%
69	CMCSA	COMCAST CORP	26.28%	20.30%
70	ATUS	ALTICE USA INC	23.84%	17.99%
71	DISCA	DISCOVERY INC	39.96%	25.79%
72	VIAC	VIACOMCBS INC	22.51%	21.00%
73	CMCSA2	NBCUNIVERSAL MEDIA LLC	32.15%	18.18%
74	GPU3	JERSEY CENTRAL POWER & LIGHT	23.79%	15.93%
75	FE3	TOLEDO EDISON CO	38.71%	32.59%
76	CX2	CLEVELAND ELECTRIC ILLUM	41.90%	30.79%
77	SO7	SOUTHERN CO GAS	23.38%	17.04%
78	WM	WASTE MANAGEMENT INC	28.39%	18.34%
79	RSG	REPUBLIC SERVICES INC	52.74%	16.62%
80	IAA	IAA INC	35.34%	21.65%
81	WING	WINGSTOP INC	35.53%	26.72%
82	DNKN	DUNKIN' BRANDS GROUP INC	25.70%	30.28%
83	HLT	HILTON WORLDWIDE HOLDINGS	36.87%	16.12%
84	WH	WYNDHAM HOTELS & RESRTS	31.09%	21.36%
85	CSV	CARRIAGE SERVICES INC	33.12%	17.23%
86	LAMR1	LAMAR MEDIA CORP	42.17%	28.77%
87	EFX	EQUIFAX INC	57.73%	24.58%
88	SPGI	S&P GLOBAL INC	37.38%	47.24%
89	TRU	TRANSUNION	46.79%	23.05%
90	MCO	MOODY'S CORP	39.69%	43.33%
91	ROL	ROLLINS INC	33.68%	17.00%

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92	URI	UNITED RENTALS INC	27.89%	25.90%
93	MINI	MOBILE MINI INC	35.17%	23.54%
94	IBM	INTL BUSINESS MACHINES CORP	29.39%	16.28%
95	MTCH	MATCH GROUP INC	60.63%	32.00%
96	CARS	CARS.COM INC	34.01%	19.48%
97	AMK	ASSETMARK FIN HOLDINGS INC	26.01%	15.58%
98	TW	TRADEWEB MARKETS INC	53.93%	29.09%
99	CSGP	COSTAR GROUP INC	48.64%	23.20%
100	EBAY	EBAY INC	22.61%	21.48%
101	STMP	STAMPS.COM INC	44.76%	33.66%
102	JCOM	J2 GLOBAL INC	53.90%	22.68%
103	AKAM	AKAMAI TECHNOLOGIES INC	27.23%	16.79%
104	MORN	MORNINGSTAR INC	38.29%	21.16%
105	CDNS	CADENCE DESIGN SYSTEMS INC	26.83%	19.98%
106	EBIX	EBIX INC	58.77%	30.45%
107	SCPL	SCIPLAY CORP	61.93%	18.00%
108	CTXS	CITRIX SYSTEMS INC	35.10%	23.36%
109	SSNC	SS&C TECHNOLOGIES HLDGS INC	48.78%	17.23%
110	ANSS	ANSYS INC	48.15%	37.11%
111	TYPE	MONOTYPE IMAGING HOLDINGS	54.41%	15.80%
112	ATVI	ACTIVISION BLIZZARD INC	54.74%	26.64%
113	TYL	TYLER TECHNOLOGIES INC	42.08%	16.37%
114	FISV	FISERV INC	50.63%	26.03%
115	FDC	FIRST DATA CORP	45.56%	20.88%
116	VRRM	VERRA MOBILITY CORP	41.99%	21.02%
117	GPN	GLOBAL PAYMENTS INC	47.93%	23.56%
118	WEX	WEX INC	27.06%	27.37%
119	FIS	FIDELITY NATIONAL INFO SVCS	56.98%	20.29%
120	BKI	BLACK KNIGHT INC	63.77%	24.38%
121	FLT	FLEETCOR TECHNOLOGIES INC	40.55%	45.26%
122	EVTC	EVERTEC INC	42.56%	27.57%
123	WP	WORLDPAY INC	56.80%	17.20%
124	TSS	TOTAL SYSTEM SERVICES INC	55.09%	21.14%
125	EEX	EMERALD HOLDING INC	65.60%	28.47%
126	NRC	NATIONAL RESEARCH CORP	53.53%	30.35%
127	KAR	KAR AUCTION SERVICES INC	30.72%	16.97%
128	SIX	SIX FLAGS ENTERTAINMENT CORP	26.20%	35.48%
129	EHC	ENCOMPASS HEALTH CORP	40.60%	16.19%
130	DGX	QUEST DIAGNOSTICS INC	59.65%	16.25%
131	TVTY	TIVITY HEALTH INC	69.42%	22.68%
132	AMEH	APOLLO MEDICAL HOLDING INC	36.22%	17.89%
133	CRL	CHARLES RIVER LABS INTL INC	32.34%	15.89%
134	HON	HONEYWELL INTERNATIONAL INC	26.91%	18.55%
135	KMI	KINDER MORGAN INC	27.85%	27.98%
136	ZI	ZOOMINFO TECHNOLOGIES -REDH	75.41%	20.93%
137	VNT	VONTIER CORP -REDH	37.89%	18.88%