



COVID-19 Company Analysis and Update

Larry Green, CFA

lgreen@smartmarketdata.com

203.829.3000

*This piece is an update and expansion to our previous COVID-19 jobs research. We will update the Macro picture for jobs posts, as well as look at Company "Winners and Losers". Once again, we are using the world's most insightful forward-looking jobs data set from **LinkUp**^{®1}, as our primary source.*

With the premise that a company's job postings are **objective** evidence of a company management team's expected future business outlook, we are first updating our report from last week which looked at the Macro view of expected hiring, Sector performance of Job Posts. We will then take a micro look at specific listed companies. As a reminder, we have added a [COVID-19 page to our website](#) which will update various information daily, includes the daily Macro chart, as well as the Sector/Industry and Ticker level Spreadsheets, and Sector and Ticker Chartbooks (PDFs) that you can flip through.

Macro Update

USE CASE - Macro. The declines in job posts continued last week, but appear to be decelerating at around DOWN 20% from the highs. The good news is that there are still roughly 40% (**Purple Line**) of all the companies in the LinkUp data set that still have more job posts than when the crisis started. And of course there are companies still adding new employees as we will discuss in the next section.

Created job posts continues to decline though, with last week being the worst week since the Great Recession (**Green Line**). **Created jobs will be the key turnaround indicator...** We continue to maintain that many of the jobs that are removed, which normally we would use as a proxy for jobs "filled", are being removed and **not filled**, mostly for the companies that have declining active jobs and declining created jobs. Countering that negative premise though, the companies that have higher job postings are likely "filling" a much higher rate than the previous, offsetting what could have been a worse disaster. It is likely that this weeks Bureau of Labor Statistics Employment Report will show a dramatic decline. But we think due to the still positive job post companies, as well as the survey timing, the print will beat the consensus estimate. We will post our specific number on Thursday in our blog <https://www.smartmarketdata.com/blog>.

Total job posts are down now 20% from roughly 3.82M to 3.07M, and do continue to decline. That is an additional 300K decline in 1 week. See [Figure 1 - Macro View of Active Job Posts, and % of Companies that have higher Job Posts Today vs. the start of the crisis](#) below (this Figure will be updated daily at our [COVID-19 page](#)). Note the continued sharp declines since the US-Europe Travel Ban (**Blue Line**). Macro level jobs actually peaked on February 1, when the WHO announced a Global Emergency, and the US announced its first case. We expect this to continue but as mentioned above, declines are decelerating. Of note, there are probably a significant number of companies that really haven't removed any job posts, but are not actively attempting to fill them right now. We should see the "Duration" metric (the

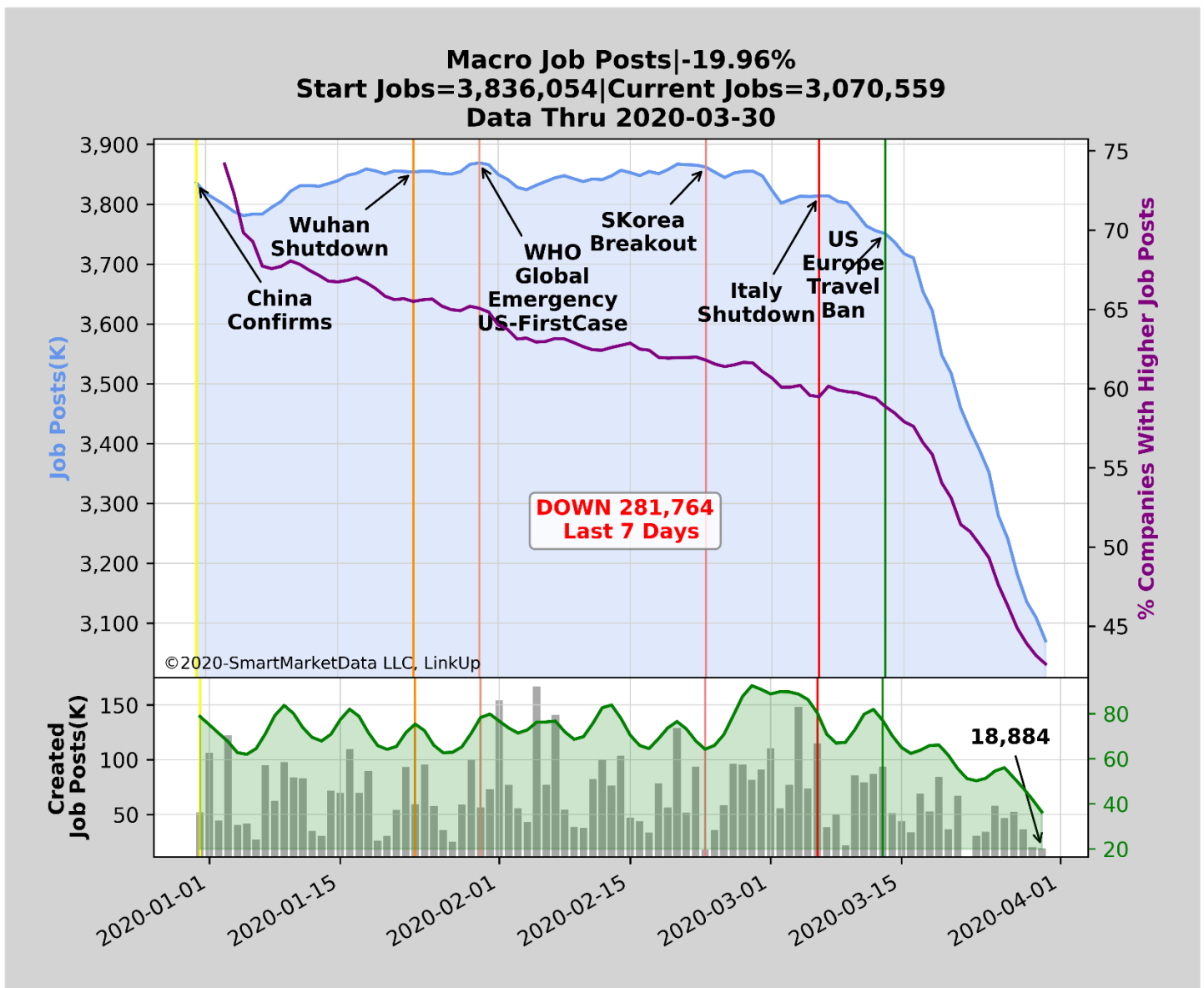
¹ **LinkUp**[®] **RAW** is the world's broadest and deepest job post data set, with over 50,000 public, private, government, and not-for profit companies representing over 200 countries. The data set consists of job post data captured from company career portals. The data has > 12 years of daily data, and covers every sector in the economy.



length of time job posts on average have been posted) for a given company to increase if this is the case. Next week we will look at Duration a bit closer.

I'm sticking with my original prediction that job posts will decline now another 700K to 2.3M before this is done...

Figure 1 - Macro View of Active Job Posts, and % of Companies that have higher Job Posts Today vs. the start of the crisis



The LinkUp data can be used as a **real-time objective fundamental indicator** of hiring and job growth (or decline). What seems obvious today (that Payrolls will decline, that unemployment will increase, and that JOLTS will decline), is not so obvious in “normal” times. Job post data gives a forward looking edge to understanding employment to those who look at it.

Finally, we believe **you will see objective first signs of recovery from this shock in companies starting to hire** (add job posts), as they expect to need to ramp up again and seek labor to dig out of this trench. History has shown this first sign before, as job posts started to recover before the S&P500 and before the Bureau of Labor Statistics monthly Non-Farm Payrolls during/after the Great Recession. We will be posting the Macro chart on a daily basis at



[SmartMarketData.com/COVID-19](https://www.smartmarketdata.com/COVID-19), along with various downloadable Sector, Industry, and Ticker level job post change tables (XLSX) and Chart Books (PDF).

Next we will look at specific listed companies.

Micro/Ticker level analysis

Company Use Case. The LinkUp data can be used at the Micro/company level to assess a specific company management team's expectation for their future. How many people are they hiring? What type of jobs are they hiring for? Are they entering new markets? Are they hiring more or less than this time last year? Are they hiring less than their competitors? Is it taking a company longer to fill jobs than their competitors? Dramatic shifts in hiring can be the result of corporate strategy changes, new initiatives, failed business lines, pending mergers, upcoming layoffs, or global macro shocks like COVID-19. The data around this shock is compelling, and when looked at the company level can give an additional objective fundamental indicator as to the impact the shock will have on each company.

Let's take a look at some examples of the "winners", or those gaining job posts in [Table 1-Company positive changes in Job Posts since the start of the crisis](#). Note that for our sample we looked at Listed companies that had 500 or more ob posts at the start of the crisis, and we had a Sector assigned, resulting in a sample of some 400+ companies. The Table includes **jobsactive** (the "current" number of active job posts), **jobscreated** (the current number of jobs created), **StartjobsActive** (the number of active job posts at the start of the crisis), the **chg** and **pctchg** – the change in active job posts over the shock period. The complete table can be found here <https://www.smartmarketdata.com/covid-19>, and click the "**Ticker Spreadsheet Download**" button. In addition, all of the charts can also be found in the "**Ticker Chartbook PDF**" button.

For added perspective, in the charts we have added indicators of the following major COVID-19 milestones:

1. China Confirms first Case in **yellow**
2. Wuhan is quarantined in **orange**
3. WHO declares a Global Emergency, and the US First Case in **brown**
4. South Korea Breakout in **light red**
5. Italy Quarantine in **red**
6. US Europe Travel Ban in **green**

Table 1-Company positive changes in Job Posts since the start of the crisis

company_name	ticker	jobsactive	jobscreated	StartJobsactive	chg	pctchg	NAICS
Autozone Inc	AZO	46,992	0	36,354	10,638	29%	Retail Trade
Seven & i Holdings Co Ltd	3382	13,775	125	5,982	7,793	130%	Retail Trade
Amazon.com Inc	AMZN	34,580	152	31,826	2,754	9%	Retail Trade
Koninklijke Ahold Delhaize N.V.		7,683	336	5,849	1,834	31%	Retail Trade
Kroger Co	KR	10,321	75	8,522	1,799	21%	Retail Trade
Lowe's Companies Inc	LOW	13,398	368	11,627	1,771	15%	Retail Trade
STAPLES, INC.		3,766	5	2,047	1,719	84%	Retail Trade
Walgreens Boots Alliance Inc	WBA	17,460	737	15,953	1,507	9%	Wholesale Trade
Big Lots Inc	BIG	3,354	1,416	1,928	1,426	74%	Retail Trade



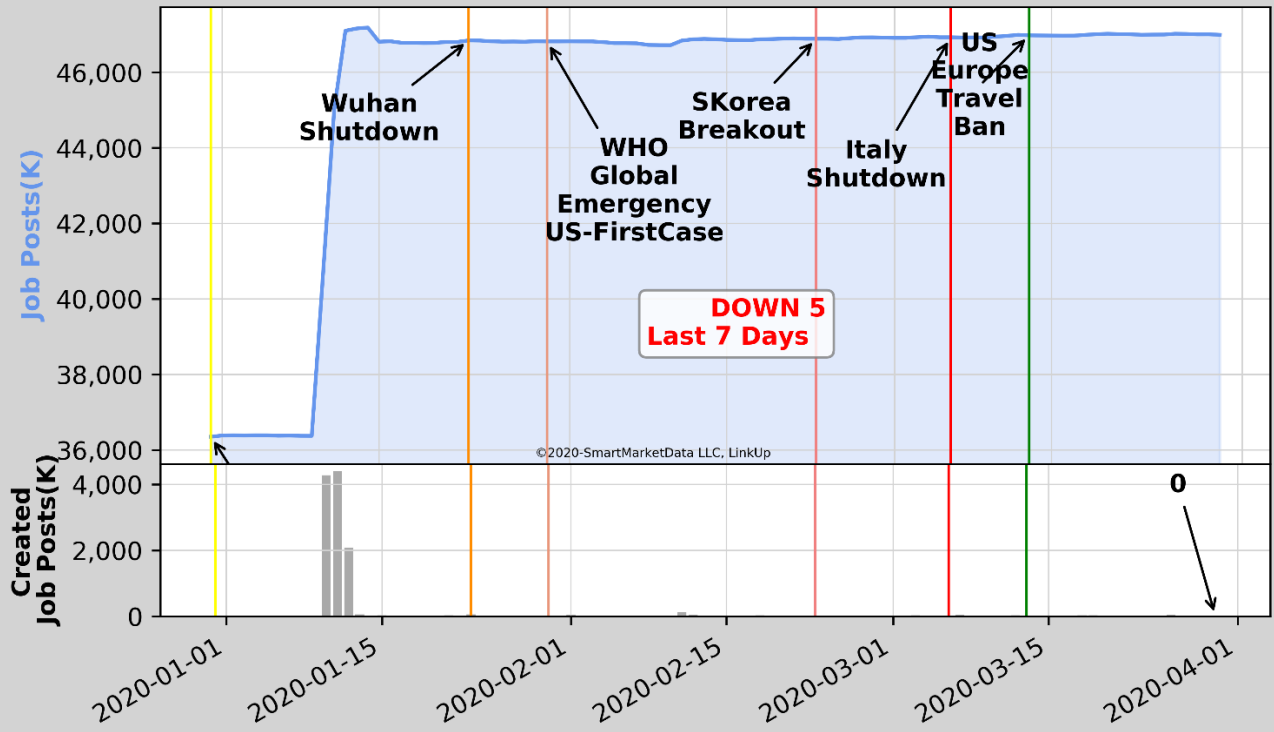
Brookdale Senior Living Inc	BKD	5,087	153	3,690	1,397	38%	Health Care and Social Assistance
Dick's Sporting Goods Inc	DKS	3,796	0	2,475	1,321	53%	Retail Trade
Adecco Group AG	ADEN	5,262	899	4,357	905	21%	Administrative and Support and Waste Management and Remediation Services
Target Corp	TGT	9,955	1	9,077	878	10%	Retail Trade
Facebook Inc	FB	4,216	1	3,344	872	26%	Information
Fidelity National Information Services Inc	FIS	2,525	3	1,794	731	41%	Professional, Scientific, and Technical Services
Bristol-Myers Squibb Co	BMY	1,559	25	886	673	76%	Manufacturing
Science Applications International Corp	SAIC	5,060	51	4,450	610	14%	Professional, Scientific, and Technical Services
Salesforce.Com Inc	CRM	2,419	23	1,900	519	27%	Information
PG&E Corp	PCG	1,183	0	683	500	73%	Utilities

Note the top 7 are retailers. Note also companies like AMZN, who have said they will hire 100,000 workers, this has not yet shown up in the data. This may be a situation where they don't need to post a job, the supply is large and they just run job fairs in localized communities. A similar situation for Kroger who has said they will hire 10,000. Autozone AZN is a bit of an outlier here in that they ramped up right after the New Year (and the China announcement), and then have stayed flat. Maybe they are keeping their current employees and pausing hiring, but not removing jobs?

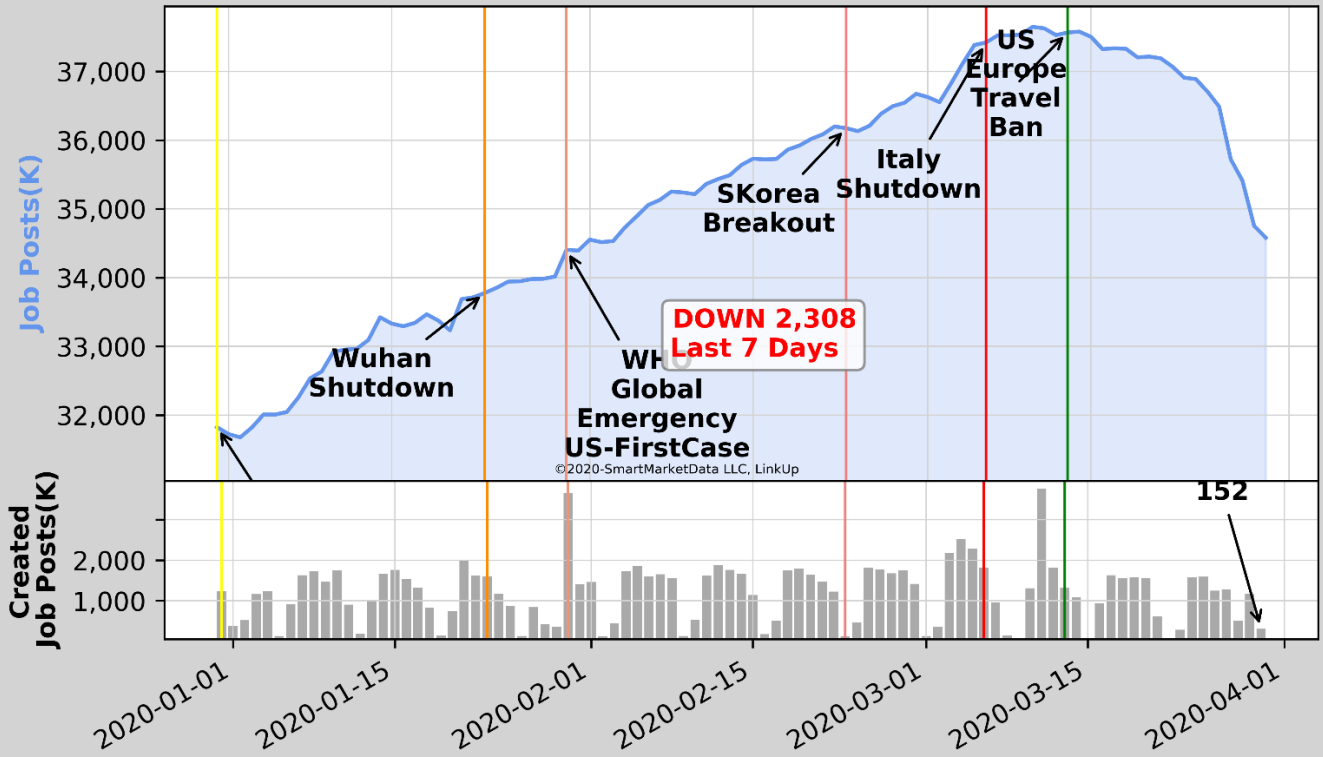
AMZN, while they have grown jobs, have actually seen declines since the Travel ban. Target on the other hand showing a large jump after the Travel Ban. See the charts below.



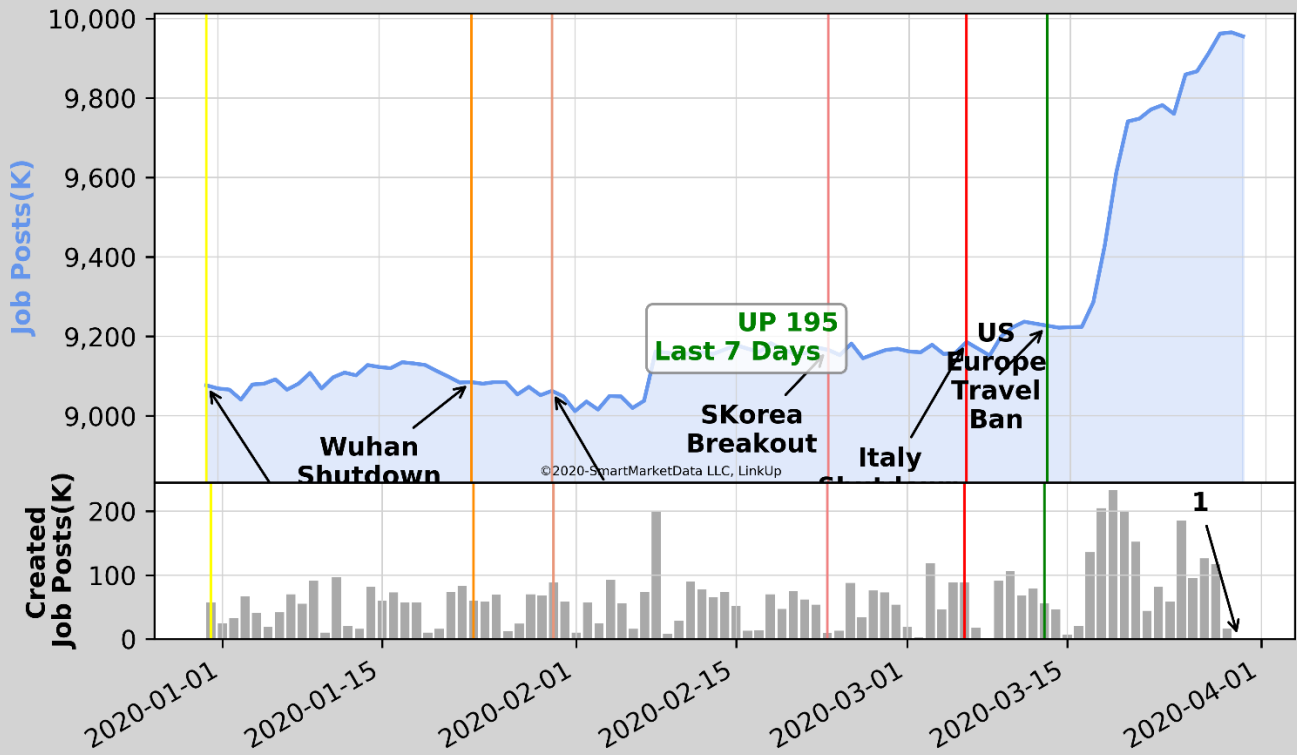
Autozone Inc|Autozone Inc|Retail Trade Job Posts|29.26%
Start Jobs=36,354|Current Jobs=46,992
Data Thru 2020-03-30



Amazon.com Inc|Amazon.com Inc|Retail Trade Job Posts|8.65%
Start Jobs=31,826|Current Jobs=34,580
Data Thru 2020-03-30



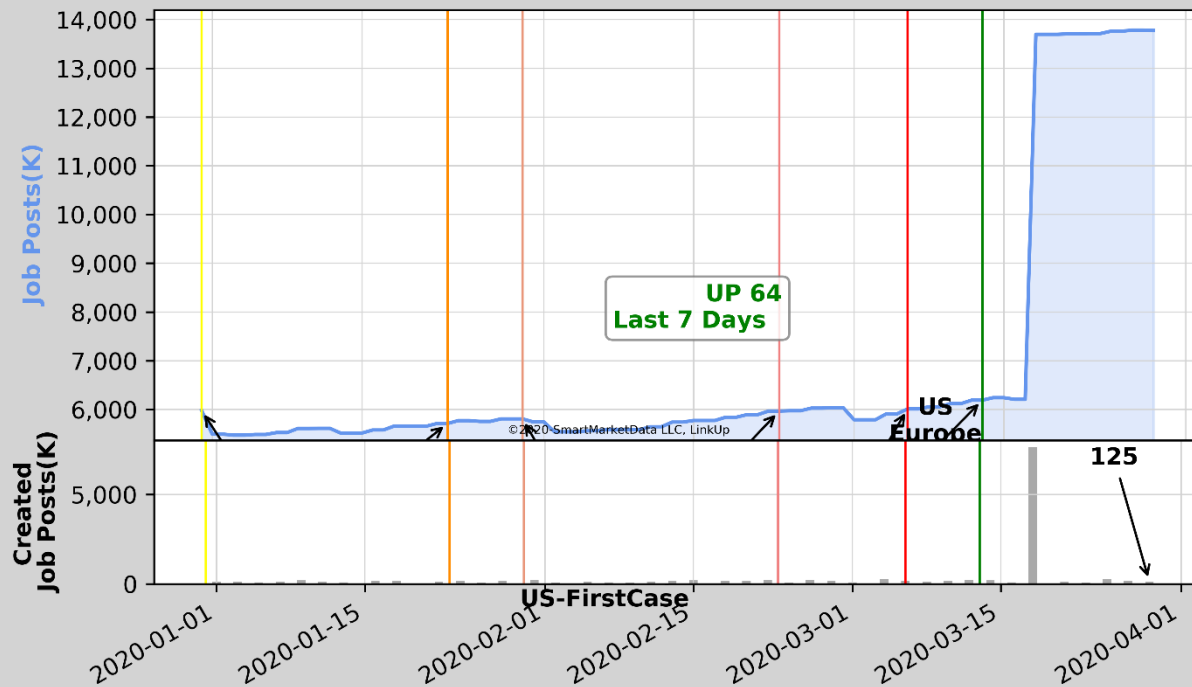
Target Corp|Target Corp|Retail Trade Job Posts|9.67%
Start Jobs=9,077|Current Jobs=9,955
Data Thru 2020-03-30



An interesting Japanese listed retail Conglomerate Seven and I holdings (7/11), also a huge jump after the Travel Ban.



Seven & i Holdings Co Ltd|Seven & i Holdings Co Ltd|Retail Trade Job Posts|130.27%
Start Jobs=5,982|Current Jobs=13,775
Data Thru 2020-03-30



Now let's look at [Table 2 Company Job Post decliners](#).

Table 2 Company Job Post decliners

company_name	ticker	jobsactive	jobscreated	StartJobsactive	chg	pctchg	NAICS
Marriott International Inc	MAR	3,049	24	14,828	-11,779	-79%	Accommodation and Food Services
United Parcel Service Inc	UPS	4,301	4	14,984	-10,683	-71%	Transportation and Warehousing
Accenture PLC	ACN	7,073	0	15,145	-8,072	-53%	Professional, Scientific, and Technical Services
Dollar Tree Inc	DLTR	25,503	113	33,228	-7,725	-23%	Retail Trade
Gap Inc	GPS	237	235	7,211	-6,974	-97%	Retail Trade

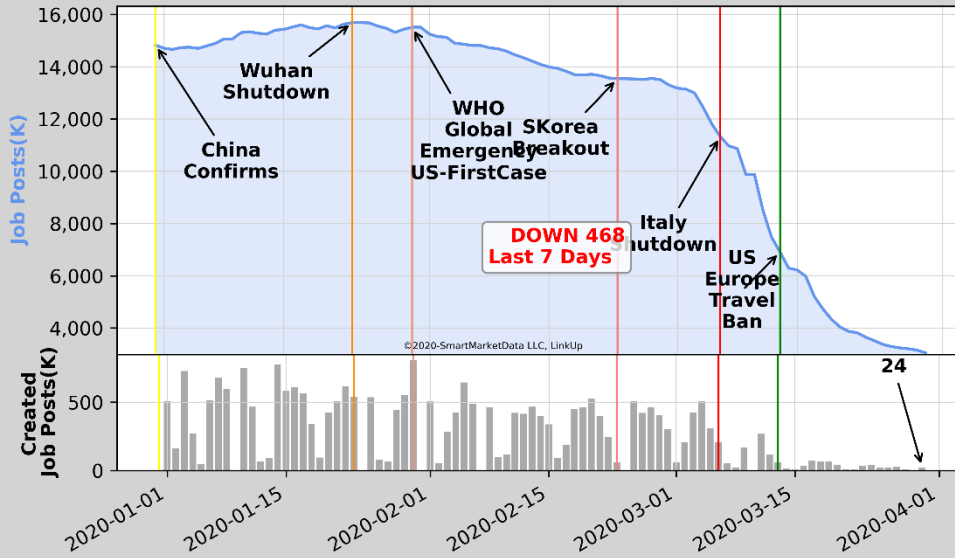


Brinker International Inc	EAT	981	0	7,521	-6,540	-87%	Accommodation and Food Services
WM Morrison Supermarkets PLC	MRW	70	30	6,248	-6,178	-99%	Retail Trade
Mcdonald's Corp	MCD	14,419	8	20,565	-6,146	-30%	Accommodation and Food Services
United Technologies Corp	UTX	2,089	4	8,178	-6,089	-74%	Manufacturing
AECOM	ACM	7,472	31	13,238	-5,766	-44%	Professional, Scientific, and Technical Services
FedEx Corp	FDX	1,938	18	7,120	-5,182	-73%	Manufacturing
DISH Network Corp	DISH	305	0	5,412	-5,107	-94%	Information
Stage Stores Inc	SSI	1	0	5,028	-5,027	-100%	Retail Trade
Chico's FAS Inc	CHS	13	0	4,229	-4,216	-100%	Retail Trade
Accor SA	AC	264	0	4,233	-3,969	-94%	Accommodation and Food Services
Comcast Corp	CMCSA	2,147	1	6,026	-3,879	-64%	Information
Yum China Holdings Inc	YUMC	2,206	0	6,065	-3,859	-64%	Accommodation and Food Services
Burlington Stores Inc	BURL	10	1	3,762	-3,752	-100%	Retail Trade
Hilton Worldwide Holdings Inc	HLT	651	0	4,326	-3,675	-85%	Accommodation and Food Services

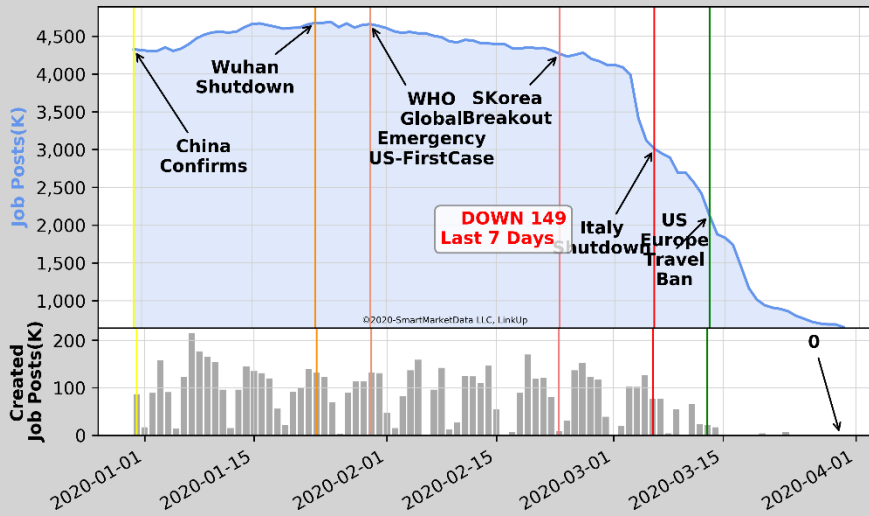
The decliners are a mix of Manufacturing, Retail, and Hotel/Food Services. Topping the list is Marriott (MAR), with Hilton (HLT) also in the top 20. Dollar Tree (DLTR) and Gap (GPS) also significant wholesale declines in hiring. Finally the obvious impact on dining is exemplified by large declines at Brinker (EAT), McDonalds (MCD), and YUM China (YUMC).



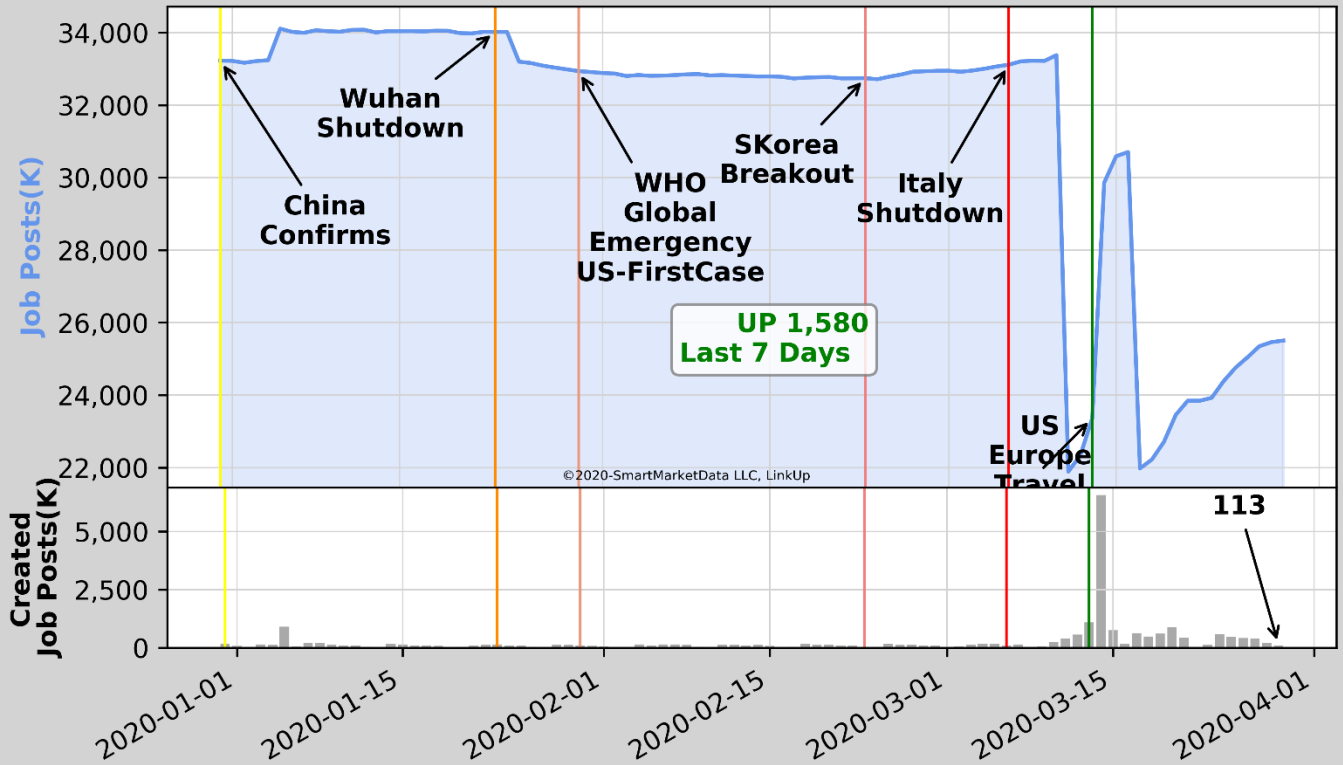
Marriott International Inc|Marriott International Inc|Accommodation and Food Services Job Posts|-79.44%
Start Jobs=14,828|Current Jobs=3,049
Data Thru 2020-03-30



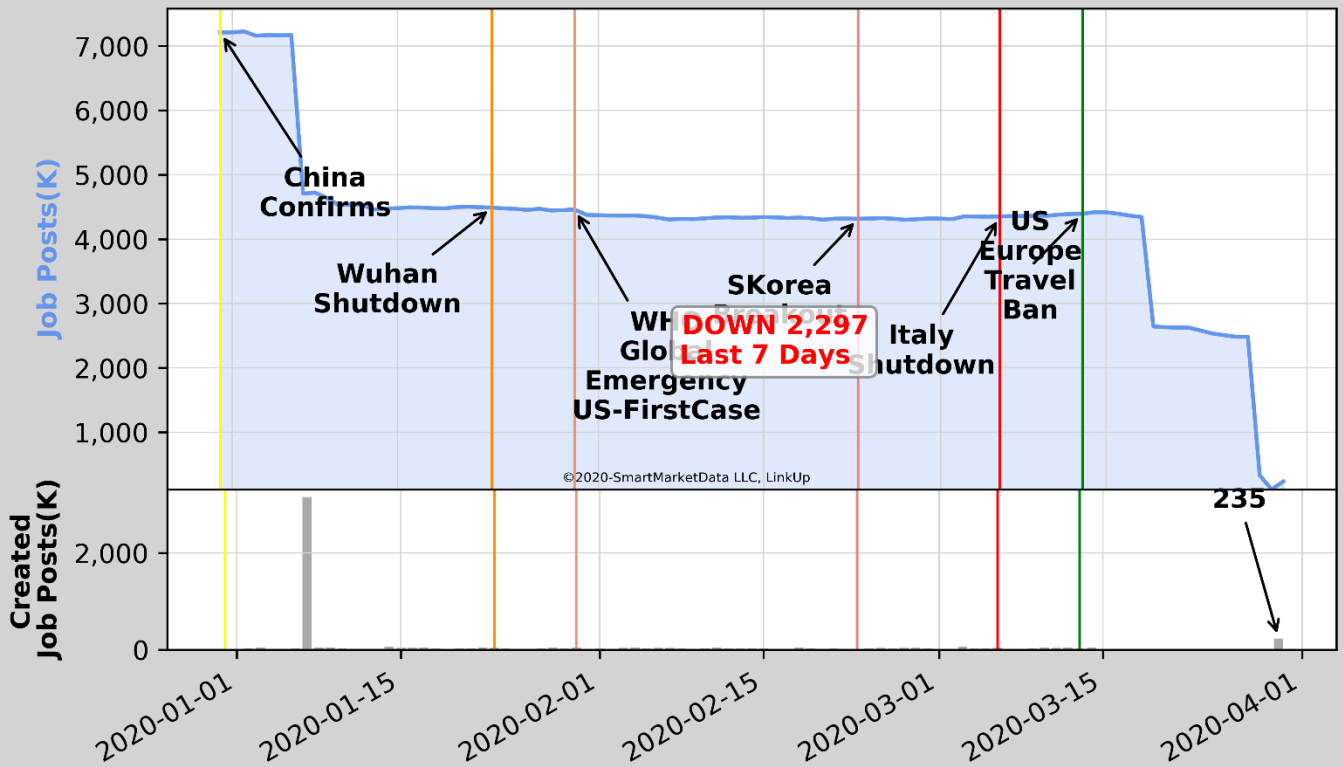
Hilton Worldwide Holdings Inc|Hilton Worldwide Holdings Inc|Accommodation and Food Services Job Posts|-84.95%
Start Jobs=4,326|Current Jobs=651
Data Thru 2020-03-30



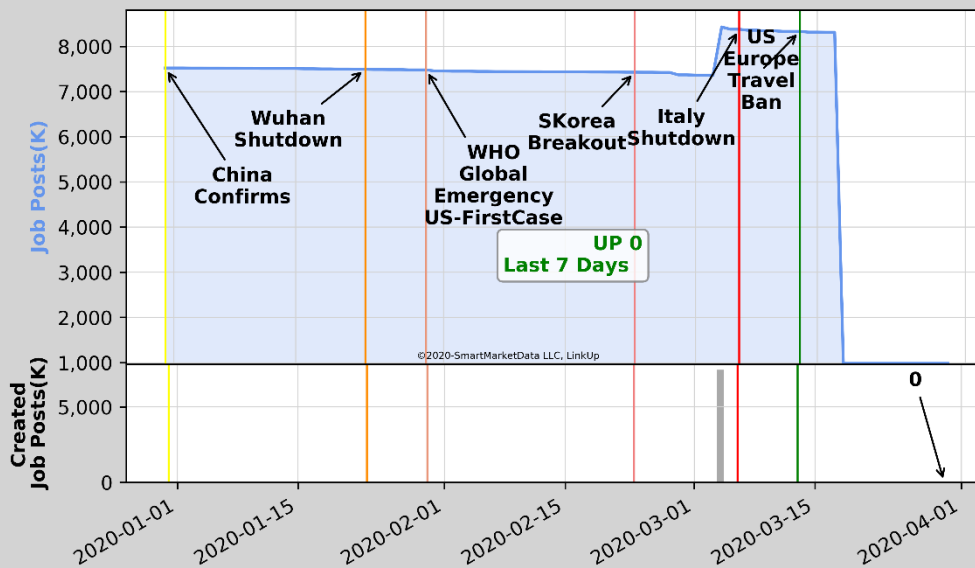
Dollar Tree Inc|Dollar Tree Inc|Retail Trade Job Posts|-23.25%
Start Jobs=33,228|Current Jobs=25,503
Data Thru 2020-03-30



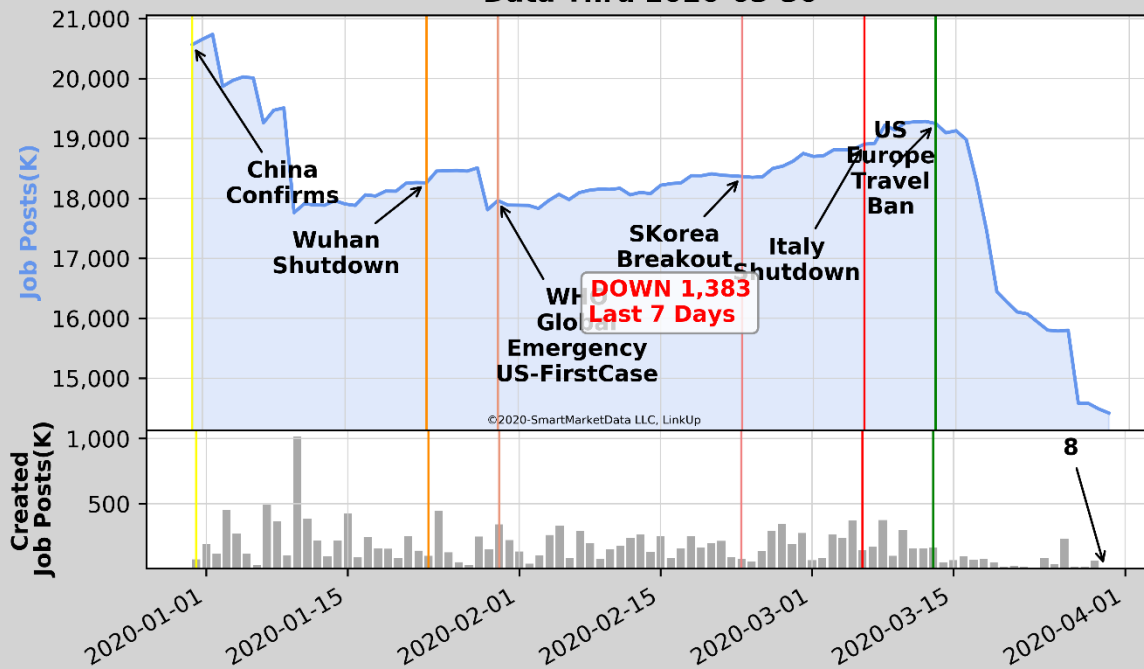
Gap Inc|Gap Inc|Retail Trade Job Posts|-96.71%
Start Jobs=7,211|Current Jobs=237
Data Thru 2020-03-30



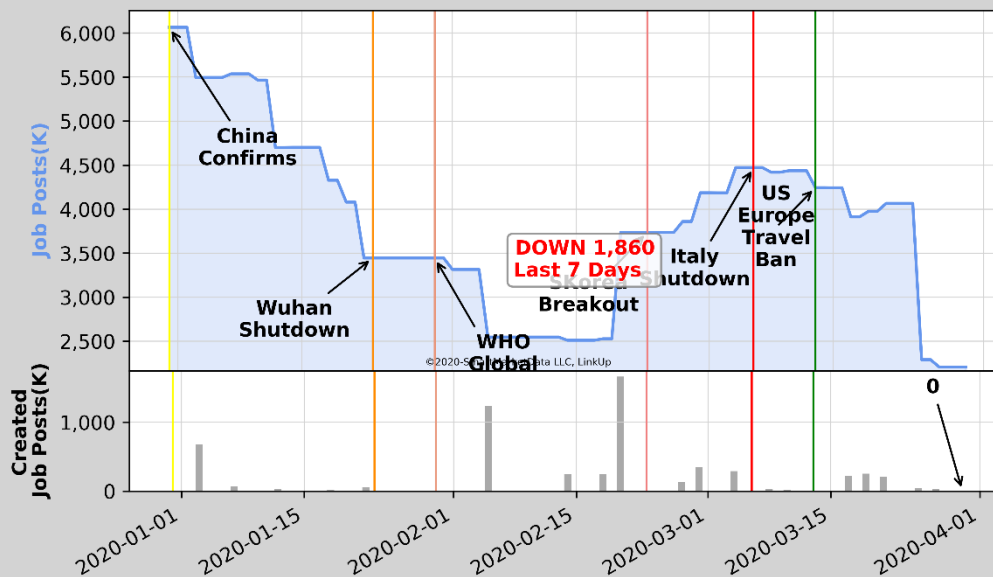
Brinker International Inc|Brinker International Inc|Accommodation and Food Services Job Posts|-86.96%
Start Jobs=7,521|Current Jobs=981
Data Thru 2020-03-30



Mcdonald's Corp|Mcdonald's Corp|Accommodation and Food Services Job Posts|-29.89%
Start Jobs=20,565|Current Jobs=14,419
Data Thru 2020-03-30



Yum China Holdings Inc|Yum China Holdings Inc|Accommodation and Food Services Job Posts|-63.63%
Start Jobs=6,065|Current Jobs=2,206
Data Thru 2020-03-30



Notice YUMC decline at the start with locales in China. Bottomed and rebounded when the virus stabilized/declined, but now declining again. Could this mean the virus is rebounding in China?

We hope this gives some ideas of how you can use this data to generate ideas. The full lists of Ticker job post gains/losses can be found at <https://www.smartmarketdata.com/covid-19>, there is a button at the bottom called "Ticker Spreadsheet Download". It is also located below in Appendix 1.



We expect these trends to continue until COVID-19's spread either loses momentum (like it has in China) or is threatened with a successful vaccine (not likely soon). As more tests are implemented, and more cases identified, the medical "risk" will continue to accelerate, and the perceived "psychological" risk will likely follow suit.

We will provide periodic updates on job posts as the event marches on. We will update the above website Macro and tables daily or every other day. We also will be issuing a follow up report looking at listed companies specifically.

If you have any questions, please reach out directly. If you have any interest in the LinkUp Jobs Data, or any of our other alternative data sets, please drop us a line.



Larry Green, CFA

President

SmartMarketData, LLC

lgreen@SmartMarketData.com

203.829.3000 (m)



Appendix 1. Company Sample Table

company_name	ticker	jobsactive	jobscreated	StartJobsactive	chg	pctchg	NAICS
Marriott International Inc	MAR	3,049	24	14,828	-11,779	-79%	Accommodation and Food Services
United Parcel Service Inc	UPS	4,301	4	14,984	-10,683	-71%	Transportation and Warehousing
Accenture PLC	ACN	7,073	0	15,145	-8,072	-53%	Professional, Scientific, and Technical Services
Dollar Tree Inc	DLTR	25,503	113	33,228	-7,725	-23%	Retail Trade
Gap Inc	GPS	237	235	7,211	-6,974	-97%	Retail Trade
Brinker International Inc	EAT	981	0	7,521	-6,540	-87%	Accommodation and Food Services
WM Morrison Supermarkets PLC	MRW	70	30	6,248	-6,178	-99%	Retail Trade
Mcdonald's Corp	MCD	14,419	8	20,565	-6,146	-30%	Accommodation and Food Services
United Technologies Corp	UTX	2,089	4	8,178	-6,089	-74%	Manufacturing
AECOM	ACM	7,472	31	13,238	-5,766	-44%	Professional, Scientific, and Technical Services
FedEx Corp	FDX	1,938	18	7,120	-5,182	-73%	Manufacturing
DISH Network Corp	DISH	305	0	5,412	-5,107	-94%	Information
Stage Stores Inc	SSI	1	0	5,028	-5,027	-100%	Retail Trade
Chico's FAS Inc	CHS	13	0	4,229	-4,216	-100%	Retail Trade
Accor SA	AC	264	0	4,233	-3,969	-94%	Accommodation and Food Services
Comcast Corp	CMCSA	2,147	1	6,026	-3,879	-64%	Information
Yum China Holdings Inc	YUMC	2,206	0	6,065	-3,859	-64%	Accommodation and Food Services
Burlington Stores Inc	BURL	10	1	3,762	-3,752	-100%	Retail Trade



Hilton Worldwide Holdings Inc	HLT	651	0	4,326	-3,675	-85%	Accommodation and Food Services
Oracle Corp	ORCL	7,001	6	10,530	-3,529	-34%	Wholesale Trade
L Brands Inc	LB	6,564	0	9,533	-2,969	-31%	Retail Trade
Verizon Communications Inc	VZ	528	0	3,195	-2,667	-83%	Professional, Scientific, and Technical Services
Best Buy Co Inc	BBY	182	0	2,828	-2,646	-94%	Information
DXC Technology Co	DXC	3,830	34	6,371	-2,541	-40%	Professional, Scientific, and Technical Services
Tailored Brands Inc	WRMA	411	0	2,901	-2,490	-86%	Retail Trade
Ascena Retail Group Inc	ASNA	2,127	1	4,498	-2,371	-53%	Retail Trade
Hertz Global Holdings Inc	HTZ	115	0	2,474	-2,359	-95%	Real Estate and Rental and Leasing
Travelcenters of America Inc	TA	3,837	6	6,136	-2,299	-37%	Retail Trade
Caleres Inc	CAL	1,050	0	3,292	-2,242	-68%	Manufacturing
Hyatt Hotels Corp	H	1,282	14	3,509	-2,227	-63%	Accommodation and Food Services
AT&T Inc	T	2,411	0	4,515	-2,104	-47%	Professional, Scientific, and Technical Services
Lockheed Martin Corp	LMT	4,671	4	6,752	-2,081	-31%	Manufacturing
Cheesecake Factory Inc	CAKE	6	0	2,043	-2,037	-100%	Accommodation and Food Services
US Xpress Enterprises Inc	USX	10,948	0	12,979	-2,031	-16%	Transportation and Warehousing
Valvoline Inc	VVV	24	0	2,047	-2,023	-99%	Wholesale Trade
Signet Jewelers Ltd	SIG	7	0	2,020	-2,013	-100%	Retail Trade
Stryker Corp	SYK	415	0	2,347	-1,932	-82%	Manufacturing
Nordstrom Inc	JWN	26	0	1,947	-1,921	-99%	Retail Trade



Dave & Buster's Entertainment Inc	PLAY	461	0	2,154	-1,693	-79%	Accommodation and Food Services
Michaels Companies Inc	MIK	18	0	1,708	-1,690	-99%	Retail Trade
WW International Inc	WW	4	0	1,691	-1,687	-100%	Other Services (except Public Administration)
Potbelly Corp	PBPB	1,186	0	2,838	-1,652	-58%	Accommodation and Food Services
Carmax Inc	KMX	1	0	1,568	-1,567	-100%	Retail Trade
Cintas Corp	CTAS	725	5	2,270	-1,545	-68%	Other Services (except Public Administration)
Alphabet Inc	GOOGL	2,081	30	3,600	-1,519	-42%	Information
Safran SA	SAF	976	0	2,490	-1,514	-61%	Manufacturing
NCR Corp	NCR	120	5	1,609	-1,489	-93%	Information
Aramark	ARMK	3,933	68	5,406	-1,473	-27%	Accommodation and Food Services
PVH Corp	PVH	1,021	0	2,489	-1,468	-59%	Manufacturing
ABM Industries Inc	ABM	1,965	250	3,415	-1,450	-42%	Administrative and Support and Waste Management and Remediation Services
BJ's Restaurants Inc	BJRI	78	0	1,499	-1,421	-95%	Accommodation and Food Services
Boeing Co	BA	763	4	2,169	-1,406	-65%	Manufacturing
Estee Lauder Companies Inc	EL	1,939	16	3,271	-1,332	-41%	Manufacturing
Dollar General Corp	DG	52,144	118	53,457	-1,313	-2%	Retail Trade
Uber Technologies Inc	UBER	105	0	1,386	-1,281	-92%	Information



Penn National Gaming Inc	PENN	8	0	1,217	-1,209	-99%	Accommodation and Food Services
Urban Outfitters Inc	URBN	263	0	1,452	-1,189	-82%	Retail Trade
Eurofins Scientific SE	ERF	2,753	6	3,896	-1,143	-29%	Professional, Scientific, and Technical Services
Johnson Controls International PLC	JCI	2,196	10	3,332	-1,136	-34%	Construction
Walt Disney Co	DIS	1,384	0	2,444	-1,060	-43%	Information
Nike Inc	NKE	180	1	1,236	-1,056	-85%	Manufacturing
Floor & Decor Holdings Inc	FND	25	0	1,080	-1,055	-98%	Retail Trade
Genpact Ltd	G	1,923	330	2,975	-1,052	-35%	Professional, Scientific, and Technical Services
Barnes & Noble Inc		367	8	1,409	-1,042	-74%	Retail Trade
Ingersoll Rand Inc	IR	44	0	1,034	-990	-96%	Manufacturing
SP Plus Corp	SP	8	0	948	-940	-99%	Other Services (except Public Administration)
AutoNation Inc	AN	429	0	1,364	-935	-69%	Retail Trade
Hays PLC	HAS	220	7	1,154	-934	-81%	Administrative and Support and Waste Management and Remediation Services
Republic Services Inc	RSG	855	0	1,780	-925	-52%	Administrative and Support and Waste Management and Remediation Services
Caesars Entertainment Corp	CZR	607	0	1,524	-917	-60%	Information
Loblaw Companies Ltd	L	4,107	15	5,017	-910	-18%	Retail Trade
Bed Bath & Beyond Inc	BBBY	2,422	2	3,312	-890	-27%	Retail Trade
Kohls Corp	KSS	224	0	1,105	-881	-80%	Retail Trade
Marsh & McLennan Companies Inc	MMC	1,586	9	2,461	-875	-36%	Information



Eaton Corporation PLC	ETN	339	1	1,214	-875	-72%	Manufacturing
Fluor Corp	FLR	614	2	1,484	-870	-59%	Manufacturing
General Electric Co	GE	2,956	24	3,813	-857	-22%	Manufacturing
Booz Allen Hamilton Holding Corp	BAH	2,479	5	3,317	-838	-25%	Professional, Scientific, and Technical Services
Bright Horizons Family Solutions Inc	BFAM	13	0	840	-827	-98%	Health Care and Social Assistance
Expedia Group Inc	EXPE	126	0	949	-823	-87%	Administrative and Support and Waste Management and Remediation Services
National Vision Holdings Inc	EYE	329	11	1,144	-815	-71%	Retail Trade
Avis Budget Group Inc	CAR	121	0	930	-809	-87%	Real Estate and Rental and Leasing
BT Group PLC	BT.A	514	0	1,313	-799	-61%	Information
Genuine Parts Co	GPC	318	0	1,111	-793	-71%	Wholesale Trade
Office Depot Inc	ODP	3,280	126	4,066	-786	-19%	Wholesale Trade
CACI International Inc	CACI	2,758	1	3,542	-784	-22%	Professional, Scientific, and Technical Services
HP Inc	HPQ	507	8	1,291	-784	-61%	Information
Wipro Ltd	WIPRO	4,315	11	5,097	-782	-15%	Professional, Scientific, and Technical Services
GNC Holdings Inc	GNC	2,139	2	2,908	-769	-26%	Retail Trade
Thermo Fisher Scientific Inc	TMO	1,871	10	2,629	-758	-29%	Manufacturing
TJX Companies Inc	TJX	3,066	1	3,820	-754	-20%	Retail Trade
United Rentals Inc	URI	138	0	879	-741	-84%	Real Estate and Rental and Leasing



General Motors Co	GM	174	0	906	-732	-81%	Manufacturing
Baker Hughes Co	BKR	488	1	1,209	-721	-60%	Manufacturing
Nippon Telegraph and Telephone Corp	9432	1,963	18	2,664	-701	-26%	Information
Ecolab Inc	ECL	480	0	1,162	-682	-59%	Manufacturing
Infosys Ltd	INFY	550	8	1,229	-679	-55%	Information
Denny's Corp	DENN	3,653	0	4,331	-678	-16%	Accommodation and Food Services
Tapestry Inc	TPR	3,033	40	3,687	-654	-18%	Manufacturing
Next PLC	NXT	20	0	667	-647	-97%	Retail Trade
Under Armour Inc	UAA	51	0	689	-638	-93%	Manufacturing
Lithia Motors Inc	LAD	161	0	788	-627	-80%	Retail Trade
Goodyear Tire & Rubber Co	GT	870	0	1,489	-619	-42%	Manufacturing
BP PLC	BP.	71	0	689	-618	-90%	Mining, Quarrying, and Oil and Gas Extraction
LVMH Moet Hennessy Louis Vuitton SE	MC	1,800	0	2,414	-614	-25%	Retail Trade
Graham Holdings Co	GHC	674	0	1,276	-602	-47%	Wholesale Trade
Coca-Cola Co	KO	232	2	831	-599	-72%	Accommodation and Food Services
GameStop Corp	GME	6,871	0	7,468	-597	-8%	Information
Sprint Corp	S	914	8	1,511	-597	-40%	Information
INTEL CORPORATION		1,437	3	2,030	-593	-29%	Manufacturing
Home Depot Inc	HD	22,442	5	23,031	-589	-3%	Retail Trade
Arconic Inc	ARNC	61	0	643	-582	-91%	Manufacturing
Wayfair Inc	W	249	2	830	-581	-70%	Retail Trade
Wyndham Destinations Inc	WYND	885	0	1,465	-580	-40%	Accommodation and Food Services
Stantec Inc	STN	1,037	1	1,608	-571	-36%	Professional, Scientific, and Technical Services



Booking Holdings Inc	BKNG	112	0	672	-560	-83%	Administrative and Support and Waste Management and Remediation Services
Dover Corp	DOV	1,877	4	2,436	-559	-23%	Manufacturing
Travelers Companies Inc	TRV	297	297	854	-557	-65%	Finance and Insurance
Wendel SE	MF	7,226	433	7,780	-554	-7%	Administrative and Support and Waste Management and Remediation Services
Huntington Ingalls Industries Inc	HII	1,050	0	1,600	-550	-34%	Information
AKKA TECHNOLOGIES SE		2,114	0	2,662	-548	-21%	Professional, Scientific, and Technical Services
Kingfisher PLC	KGf	2	0	540	-538	-100%	Retail Trade
J B Hunt Transport Services Inc	JBHT	1,060	9	1,591	-531	-33%	Transportation and Warehousing
Johnson & Johnson	JNJ	1,712	21	2,242	-530	-24%	Manufacturing
Chemed Corp	CHE	94	0	624	-530	-85%	Health Care and Social Assistance
Healthcare Services Group Inc	HCSG	7,018	26	7,532	-514	-7%	Administrative and Support and Waste Management and Remediation Services
RH	RH	1	0	503	-502	-100%	Retail Trade
Gartner Inc	IT	211	0	706	-495	-70%	Professional, Scientific, and Technical Services
Agilent Technologies Inc	A	76	3	570	-494	-87%	Manufacturing



Delta Air Lines Inc	DAL	267	0	760	-493	-65%	Finance and Insurance
Brinks Co	BCO	785	1	1,273	-488	-38%	Administrative and Support and Waste Management and Remediation Services
Sodexo SA	SW	929	0	1,416	-487	-34%	Accommodation and Food Services
Capri Holdings Ltd	CPRI	1,742	0	2,225	-483	-22%	Manufacturing
Visa Inc	V	704	4	1,182	-478	-40%	Finance and Insurance
Tegna Inc	TGNA	38	0	510	-472	-93%	Information
Kering SA	KER	1,369	0	1,836	-467	-25%	Retail Trade
Sumitomo Corp	8053	858	24	1,312	-454	-35%	Wholesale Trade
ICON PLC	ICLR	138	0	585	-447	-76%	Professional, Scientific, and Technical Services
Sprouts Farmers Market Inc	SFM	1,387	52	1,822	-435	-24%	Retail Trade
Centene Corp	CNC	1,119	3	1,552	-433	-28%	Health Care and Social Assistance
Party City Holdco Inc	PRTY	1,826	0	2,257	-431	-19%	Retail Trade
Casino Guichard Perrachon SA	CO	232	0	660	-428	-65%	Retail Trade
MAN SE		477	1	899	-422	-47%	Manufacturing
Change Healthcare Inc	CHNG	3,245	0	3,666	-421	-11%	Information
Colliers International Group Inc	CIGI	451	0	870	-419	-48%	Real Estate and Rental and Leasing
Allstate Corp	ALL	1,304	2	1,718	-414	-24%	Finance and Insurance
McKesson Corp	MCK	1,408	6	1,817	-409	-23%	Wholesale Trade
Loews Corp	L	158	1	562	-404	-72%	Transportation and Warehousing
Open Text Corp	OTEX	113	0	513	-400	-78%	Information



Anthem Inc	ANTM	1,597	15	1,991	-394	-20%	Health Care and Social Assistance
Aaron's Inc	AAN	398	20	789	-391	-50%	Real Estate and Rental and Leasing
Sherwin-Williams Co	SHW	2,114	0	2,500	-386	-15%	Manufacturing
THE DOW CHEMICAL COMPANY		379	5	765	-386	-50%	Mining, Quarrying, and Oil and Gas Extraction
Halliburton Co	HAL	206	2	590	-384	-65%	Mining, Quarrying, and Oil and Gas Extraction
S&P Global Inc	SPGI	281	2	663	-382	-58%	Information
NXP Semiconductors NV	NXPI	258	0	640	-382	-60%	Manufacturing
EssilorLuxottica SA	EL	3,395	0	3,774	-379	-10%	Manufacturing
OneMain Holdings Inc	OMF	181	2	560	-379	-68%	Finance and Insurance
Synopsys Inc	SNPS	555	0	933	-378	-41%	Information
Waste Management Inc	WM	675	0	1,049	-374	-36%	Administrative and Support and Waste Management and Remediation Services
BAE Systems PLC	BA.	271	0	637	-366	-57%	Manufacturing
J D Wetherspoon PLC	JDW	187	0	548	-361	-66%	Accommodation and Food Services
Columbia Sportswear Co	COLM	247	0	601	-354	-59%	Manufacturing
ViaSat Inc	VSAT	184	0	535	-351	-66%	Manufacturing
Moody's Corp	MCO	558	0	902	-344	-38%	Professional, Scientific, and Technical Services
Ford Motor Co	F	591	1	933	-342	-37%	Information
Thomson Reuters Corp	TRI	507	2	847	-340	-40%	Information



Dassault Systemes SE	DSY	528	2	867	-339	-39%	Retail Trade
Takeda Pharmaceutical Co Ltd	4502	2,209	23	2,545	-336	-13%	Manufacturing
Ashtead Group PLC	AHT	193	1	528	-335	-63%	Real Estate and Rental and Leasing
Tenneco Inc	TEN	532	0	862	-330	-38%	Manufacturing
Panasonic Corp	6752	357	0	682	-325	-48%	Manufacturing
Unisys Corp	UIS	681	13	1,004	-323	-32%	Professional, Scientific, and Technical Services
KAR Auction Services Inc	KAR	276	0	588	-312	-53%	Retail Trade
Automatic Data Processing Inc	ADP	946	1	1,254	-308	-25%	Professional, Scientific, and Technical Services
Carrols Restaurant Group Inc	TAST	10,765	0	11,072	-307	-3%	Accommodation and Food Services
O'Reilly Automotive Inc	ORLY	10,602	0	10,909	-307	-3%	Retail Trade
Textron Inc	TXT	949	1	1,247	-298	-24%	Manufacturing
News Corp	NWSA	363	0	658	-295	-45%	Information
Wesco International Inc	WCC	245	34	540	-295	-55%	Wholesale Trade
PerkinElmer Inc	PKI	649	2	941	-292	-31%	Manufacturing
Charter Communications Inc	CHTR	1,845	4	2,135	-290	-14%	Information
Boston Scientific Corp	BSX	653	0	943	-290	-31%	Manufacturing
Red Robin Gourmet Burgers Inc	RRGB	1,374	0	1,660	-286	-17%	Accommodation and Food Services
Weis Markets Inc	WMK	381	5	664	-283	-43%	Retail Trade
Ralph Lauren Corp	RL	1,423	0	1,695	-272	-16%	Wholesale Trade
Cisco Systems Inc	CSCO	1,646	4	1,912	-266	-14%	Information
Pearson PLC	PSON	1,472	3	1,732	-260	-15%	Information
Syneos Health Inc	SYNH	838	3	1,096	-258	-24%	Professional, Scientific, and Technical Services



CRH PLC	CRG	1,166	1	1,420	-254	-18%	Manufacturing
IHS Markit Ltd	INFO	703	656	957	-254	-27%	Professional, Scientific, and Technical Services
Tech Data Corp	TECD	396	0	650	-254	-39%	Wholesale Trade
Caterpillar Inc	CAT	388	5	640	-252	-39%	Manufacturing
VF Corp	VFC	1,512	0	1,761	-249	-14%	Manufacturing
Peugeot SA	UG	407	0	655	-248	-38%	Manufacturing
Marriott Vacations Worldwide Corp	VAC	362	0	601	-239	-40%	Arts, Entertainment, and Recreation
Eldorado Resorts Inc	ERI	265	0	502	-237	-47%	Accommodation and Food Services
Constellation Software Inc	CSU	417	0	650	-233	-36%	Finance and Insurance
Westrock Co	WRK	1,626	9	1,858	-232	-12%	Manufacturing
Veolia Environnement SA	VIE	1,634	1	1,862	-228	-12%	Utilities
Mastercard Inc	MA	991	0	1,218	-227	-19%	Information
Becton Dickinson and Co	BDX	740	0	962	-222	-23%	Manufacturing
CIMIC Group Ltd	CIM	334	0	556	-222	-40%	Construction
Keurig Dr Pepper Inc	KDP	766	5	986	-220	-22%	Manufacturing
Valeo SA	FR	455	0	671	-216	-32%	Manufacturing
Amgen Inc	AMGN	1,106	9	1,319	-213	-16%	Manufacturing
Royal Caribbean Cruises Ltd	RCL	454	0	667	-213	-32%	Transportation and Warehousing
Stericycle Inc	SRCL	320	0	530	-210	-40%	Utilities
DaVita Inc	DVA	3,642	6	3,851	-209	-5%	Health Care and Social Assistance
Chuy's Holdings Inc	CHUY	663	0	871	-208	-24%	Accommodation and Food Services



Saia Inc	SAIA	791	0	991	-200	-20%	Transportation and Warehousing
Builders FirstSource Inc	BLDR	814	0	1,012	-198	-20%	Retail Trade
Maximus Inc	MMS	380	6	577	-197	-34%	Professional, Scientific, and Technical Services
HanesBrands Inc	HBI	405	0	598	-193	-32%	Manufacturing
VIACOMCBS INC.		509	0	701	-192	-27%	Information
Randstad N.V.		589	11	778	-189	-24%	Administrative and Support and Waste Management and Remediation Services
Aptiv PLC	APTIV	432	0	615	-183	-30%	Wholesale Trade
Qualcomm Inc	QCOM	1,195	0	1,377	-182	-13%	Manufacturing
Fiserv Inc	FISV	713	10	895	-182	-20%	Professional, Scientific, and Technical Services
KBR Inc	KBR	3,493	8	3,673	-180	-5%	Construction
BJs Wholesale Club Holdings Inc (Duplicate)	BJ	1,421	71	1,600	-179	-11%	Retail Trade
FMC TECHNOLOGIES, INC.		458	0	637	-179	-28%	Manufacturing
Jones Lang LaSalle Inc	JLL	1,939	21	2,117	-178	-8%	Real Estate and Rental and Leasing
Novartis AG	NOVN	2,310	16	2,482	-172	-7%	Professional, Scientific, and Technical Services
SS&C Technologies Holdings Inc	SSNC	355	0	527	-172	-33%	Professional, Scientific, and Technical Services
AmerisourceBergen Corp	ABC	411	0	580	-169	-29%	Manufacturing
Raytheon Co	RTN	3,771	2	3,938	-167	-4%	Manufacturing



CVS Health Corp	CVS	33,552	43	33,717	-165	0%	Health Care and Social Assistance
Compagnie de Saint Gobain SA	SGO	1,343	5	1,507	-164	-11%	Manufacturing
EMCOR Group Inc	EME	807	4	969	-162	-17%	Construction
Arrow Electronics Inc	ARW	524	0	685	-161	-24%	Wholesale Trade
Samsung Electronics Co Ltd	5930	489	1	650	-161	-25%	Manufacturing
Darden Restaurants Inc	DRI	11,039	0	11,196	-157	-1%	Arts, Entertainment, and Recreation
Exela Technologies Inc	XELA	873	0	1,030	-157	-15%	Professional, Scientific, and Technical Services
Bloomin' Brands Inc	BLMN	9,302	0	9,457	-155	-2%	Accommodation and Food Services
Lululemon Athletica Inc	LULU	1,302	2	1,457	-155	-11%	Retail Trade
Total SA	FP	471	3	625	-154	-25%	Utilities
EZCORP Inc	EZPW	400	65	554	-154	-28%	Finance and Insurance
Waste Connections Inc	WCN	456	1	608	-152	-25%	Administrative and Support and Waste Management and Remediation Services
Berry Global Group Inc	BERY	624	4	774	-150	-19%	Manufacturing
RR Donnelley & Sons Co	RRD	478	0	624	-146	-23%	Manufacturing
Air Products and Chemicals Inc	APD	562	0	705	-143	-20%	Manufacturing
PRA Health Sciences Inc	PRAH	404	1	542	-138	-25%	Professional, Scientific, and Technical Services
International Business Machines Corp	IBM	6,758	128	6,891	-133	-2%	Information
Conduent Inc	CNDT	914	14	1,045	-131	-13%	Information



Paychex Inc	PAYX	444	0	575	-131	-23%	Finance and Insurance
Sonae SGPS SA	SON	554	0	682	-128	-19%	Retail Trade
Chevron Corp	CVX	463	0	591	-128	-22%	Administrative and Support and Waste Management and Remediation Services
United Natural Foods Inc	UNFI	662	3	787	-125	-16%	Wholesale Trade
Fortive Corp	FTV	1,322	0	1,445	-123	-9%	Administrative and Support and Waste Management and Remediation Services
Steris plc	STE	379	0	502	-123	-25%	Manufacturing
CSL Ltd	CSL	2,090	10	2,209	-119	-5%	Health Care and Social Assistance
Yandex NV	YNDX	452	3	568	-116	-20%	Information
Kone Oyj	KNEBV	492	1	607	-115	-19%	Manufacturing
Bojangles Inc	BOJA	2,607	0	2,715	-108	-4%	Accommodation and Food Services
Eli Lilly and Co	LLY	510	7	617	-107	-17%	Professional, Scientific, and Technical Services
Suez SA	SEV	507	0	611	-104	-17%	Administrative and Support and Waste Management and Remediation Services
WPP PLC	WPP	2,336	0	2,438	-102	-4%	Professional, Scientific, and Technical Services



Procter & Gamble Co	PG	912	0	1,012	-100	-10%	Health Care and Social Assistance
XPO Logistics Inc	XPO	865	22	964	-99	-10%	Transportation and Warehousing
Newell Brands Inc	NWL	712	1	811	-99	-12%	Wholesale Trade
Honeywell International Inc	HON	2,479	15	2,570	-91	-4%	Manufacturing
Reckitt Benckiser Group PLC	RB.	685	5	775	-90	-12%	Manufacturing
CAE Inc	CAE	416	0	505	-89	-18%	Manufacturing
Kirkland's Inc	KIRK	1,263	0	1,348	-85	-6%	Retail Trade
Sony Corp	6758	421	1	505	-84	-17%	Manufacturing
BCE Inc	BCE	512	2	592	-80	-14%	Information
Microchip Technology Inc	MCHP	528	0	607	-79	-13%	Information
Palo Alto Networks Inc	PANW	820	4	898	-78	-9%	Information
Regis Corp	RGS	1,191	964	1,267	-76	-6%	Educational Services
Rent-A-Center Inc	RCII	657	7	731	-74	-10%	Real Estate and Rental and Leasing
Unum Group	UNM	578	0	651	-73	-11%	Finance and Insurance
MERCK Kommanditgesellschaft auf Aktien		2,330	2	2,401	-71	-3%	Professional, Scientific, and Technical Services
Nexstar Media Group Inc	NXST	648	2	719	-71	-10%	Information
Williams-Sonoma Inc	WSM	595	0	665	-70	-11%	Retail Trade
Designer Brands Inc	DBI	1,223	0	1,291	-68	-5%	Retail Trade
ASML Holding NV	ASML	604	1	672	-68	-10%	Manufacturing
Regeneron Pharmaceuticals Inc	REGN	568	0	635	-67	-11%	Professional, Scientific, and Technical Services
Micron Technology Inc	MU	1,456	0	1,522	-66	-4%	Manufacturing
Motorola Solutions Inc	MSI	727	17	793	-66	-8%	Manufacturing



Leidos Holdings Inc	LDOS	3,138	0	3,203	-65	-2%	Professional, Scientific, and Technical Services
Kraft Heinz Co	KHC	643	5	707	-64	-9%	Manufacturing
Exelon Corp	EXC	675	6	738	-63	-9%	Utilities
Jabil Inc	JBL	2,012	5	2,070	-58	-3%	Manufacturing
DOWNER EDI LIMITED		780	10	835	-55	-7%	Professional, Scientific, and Technical Services
Starbucks Corp	SBUX	20,816	0	20,870	-54	0%	Accommodation and Food Services
METRO AG		968	0	1,022	-54	-5%	Retail Trade
JBS SA	JBSS3	619	2	673	-54	-8%	Finance and Insurance
Express Inc	EXPR	1,056	4	1,109	-53	-5%	Retail Trade
Air Liquide SA	AI	870	2	918	-48	-5%	Administrative and Support and Waste Management and Remediation Services
Teva Pharmaceutical Industries Ltd	TEVA	735	11	783	-48	-6%	Professional, Scientific, and Technical Services
Sinclair Broadcast Group Inc	SBGI	650	0	698	-48	-7%	Information
General Dynamics Corp	GD	4,822	173	4,869	-47	-1%	Manufacturing
Rheinmetall Aktiengesellschaft		485	0	532	-47	-9%	Manufacturing
INTUIT INC.		533	0	578	-45	-8%	Information
Cracker Barrel Old Country Store Inc	CBRL	4,545	0	4,587	-42	-1%	Accommodation and Food Services
ICF International Inc	ICFI	528	0	570	-42	-7%	Professional, Scientific, and Technical Services
CommScope Holding Company Inc	COMM	474	0	515	-41	-8%	Manufacturing



Perspecta Inc	PRSP	1,249	8	1,289	-40	-3%	Information
TE Connectivity Ltd	TEL	894	8	931	-37	-4%	Manufacturin
J C Penney Company Inc	JCP	8,050	17	8,084	-34	0%	Information
Xylem Inc	XYL	492	0	526	-34	-6%	Manufacturin
Fiesta Restaurant Group Inc	FRGI	660	1	693	-33	-5%	Accommodati
Parker-Hannifin Corp	PH	589	0	621	-32	-5%	on and Food
Copart Inc	CPRT	563	0	593	-30	-5%	Services
QVC Inc	QVCD	488	2	515	-27	-5%	Manufacturin
Virtusa Corp	VRTU	1,250	13	1,276	-26	-2%	g
Noodles & Co	NDLS	1,840	0	1,864	-24	-1%	Accommodati
Medtronic PLC	MDT	2,254	52	2,276	-22	-1%	on and Food
Prudential Financial Inc	PRU	509	0	529	-20	-4%	Services
Cognizant Technology Solutions Corp	CTSH	2,597	2	2,616	-19	-1%	Manufacturin
Robert Half International Inc	RHI	1,041	0	1,059	-18	-2%	g
MasTec Inc	MTZ	633	8	651	-18	-3%	Administrativ
Mondelez International Inc	MDLZ	1,298	0	1,314	-16	-1%	e and Support
AstraZeneca PLC	AZN	2,319	19	2,334	-15	-1%	and Waste
Yum! Brands Inc	YUM	101,026	5,933	101,036	-10	0%	Management
Danone SA	BN	1,013	3	1,023	-10	-1%	and
Assurant Inc	AIZ	643	0	653	-10	-2%	Remediation



Acadia Healthcare Company Inc	ACHC	574	13	583	-9	-2%	Health Care and Social Assistance
Costco Wholesale Corp	COST	9,481	0	9,488	-7	0%	Retail Trade
Wendys Co	WEN	1,037	0	1,043	-6	-1%	Accommodation and Food Services
Chipotle Mexican Grill Inc	CMG	3,032	0	3,032	0	0%	Accommodation and Food Services
SAP SE	SAP	2,763	0	2,763	0	0%	Information
Nestle SA	NESN	2,251	3	2,248	3	0%	Manufacturing
Del Taco Restaurants Inc	TACO	1,212	0	1,208	4	0%	Accommodation and Food Services
Vulcan Materials Co	VMC	900	0	895	5	1%	Manufacturing
Servicemaster Global Holdings Inc	SERV	1,152	0	1,147	5	0%	Administrative and Support and Waste Management and Remediation Services
Northrop Grumman Corp	NOC	5,433	9	5,425	8	0%	Manufacturing
Ubisoft Entertainment SA	UBI	821	4	812	9	1%	Information
JSW Steel Ltd	JSWSTEEL	925	1	914	11	1%	Manufacturing
MEDNAX Inc	MD	1,094	1	1,081	13	1%	Health Care and Social Assistance
Smith & Nephew PLC	SN.	624	1	610	14	2%	Professional, Scientific, and Technical Services
Ross Stores Inc	ROST	5,649	0	5,630	19	0%	Retail Trade
Activision Blizzard Inc	ATVI	586	0	564	22	4%	Information
ManTech International Corp	MANT	2,823	12	2,797	26	1%	Information
Pentair PLC	PNR	581	0	551	30	5%	Manufacturing
Tractor Supply Co	TSCO	2,851	6	2,819	32	1%	Wholesale Trade
L3HARRIS TECHNOLOGIES, INC.		2,167	1	2,132	35	2%	Manufacturing



Philip Morris International Inc	PM	632	14	591	41	7%	Wholesale Trade
NVIDIA Corp	NVDA	1,609	8	1,568	41	3%	Manufacturing
Advanced Micro Devices Inc	AMD	917	4	875	42	5%	Manufacturing
Guess? Inc	GES	583	0	538	45	8%	Retail Trade
Ball Corp	BLL	856	5	810	46	6%	Manufacturing
SpartanNash Co	SPTN	573	14	520	53	10%	Wholesale Trade
KLA-Tencor Corp	KLAC	641	4	587	54	9%	Manufacturing
Edwards Lifesciences Corp	EW	573	4	517	56	11%	Manufacturing
Dentsu Group Inc	4324	836	11	780	56	7%	Information
HCL Technologies Ltd	HCLTECH	3,355	12	3,298	57	2%	Professional, Scientific, and Technical Services
Cerner Corp	CERN	646	5	588	58	10%	Professional, Scientific, and Technical Services
Tesla Inc	TSLA	2,770	16	2,697	73	3%	Manufacturing
AGRIUM INC.		669	0	595	74	12%	Manufacturing
Ingles Markets Inc	IMKTA	2,935	0	2,850	85	3%	Retail Trade
Centurylink Inc	CTL	642	1	551	91	17%	Information
Rockwell Automation Inc	ROK	811	0	720	91	13%	Professional, Scientific, and Technical Services
Monro Inc	MNRO	2,148	0	2,057	91	4%	Other Services (except Public Administration)
Tetra Tech Inc	TTEK	1,202	11	1,104	98	9%	Professional, Scientific, and Technical Services



Cushman & Wakefield PLC	CWK	1,010	0	901	109	12%	Real Estate and Rental and Leasing
Lojas Renner SA	LREN3	649	0	532	117	22%	Retail Trade
VINCI S.A.		2,544	0	2,420	124	5%	Construction
Domino's Pizza Inc	DPZ	20,983	4	20,854	129	1%	Accommodation and Food Services
Fomento Economico Mexicano SAB de CV	FEMSAUBD	812	27	674	138	20%	Manufacturing
Abbvie Inc	ABBV	848	9	705	143	20%	Professional, Scientific, and Technical Services
Fortinet Inc	FTNT	758	1	609	149	24%	Professional, Scientific, and Technical Services
Microsoft Corp	MSFT	8,889	0	8,738	151	2%	Information
Western Digital Corp	WDC	887	15	734	153	21%	Manufacturing
ServiceNow Inc	NOW	912	3	741	171	23%	Professional, Scientific, and Technical Services
Jack in the Box Inc	JACK	4,950	1	4,773	177	4%	Accommodation and Food Services
Apple Inc	AAPL	5,856	264	5,678	178	3%	Manufacturing
Roche Holding AG	ROG	3,749	0	3,561	188	5%	Professional, Scientific, and Technical Services
Nokia Oyj	NOKIA	1,318	10	1,129	189	17%	Information
Catalent Inc	CTLT	776	15	565	211	37%	Manufacturing
Tyson Foods Inc	TSN	1,254	4	1,017	237	23%	Manufacturing
Rollins Inc	ROL	868	6	626	242	39%	Administrative and Support and Waste Management and Remediation Services



Advance Auto Parts Inc	AAP	15,284	30	15,038	246	2%	Retail Trade
VMware Inc	VMW	2,084	51	1,834	250	14%	Information
Adobe Inc	ADBE	834	0	568	266	47%	Information
Cigna Corp	CI	2,204	0	1,923	281	15%	Finance and Insurance
GlaxoSmithKline PLC	GSK	2,741	50	2,454	287	12%	Professional, Scientific, and Technical Services
PepsiCo Inc	PEP	2,963	49	2,670	293	11%	Manufacturing
Genesis Healthcare Inc	GEN	5,172	12	4,873	299	6%	Health Care and Social Assistance
PayPal Holdings Inc	PYPL	1,094	15	781	313	40%	Professional, Scientific, and Technical Services
Live Nation Entertainment Inc	LYV	1,764	0	1,438	326	23%	Arts, Entertainment, and Recreation
Linde PLC	LIN	1,247	0	885	362	41%	Manufacturing
Applied Materials Inc	AMAT	1,260	41	891	369	41%	Manufacturing
PG&E Corp	PCG	1,183	0	683	500	73%	Utilities
Salesforce.Com Inc	CRM	2,419	23	1,900	519	27%	Information
Science Applications International Corp	SAIC	5,060	51	4,450	610	14%	Professional, Scientific, and Technical Services
Bristol-Myers Squibb Co	BMJ	1,559	25	886	673	76%	Manufacturing
Fidelity National Information Services Inc	FIS	2,525	3	1,794	731	41%	Professional, Scientific, and Technical Services
Facebook Inc	FB	4,216	1	3,344	872	26%	Information
Target Corp	TGT	9,955	1	9,077	878	10%	Retail Trade



							Administrative and Support and Waste Management and Remediation Services
Adecco Group AG	ADEN	5,262	899	4,357	905	21%	
Dick's Sporting Goods Inc	DKS	3,796	0	2,475	1,321	53%	Retail Trade
							Health Care and Social Assistance
Brookdale Senior Living Inc	BKD	5,087	153	3,690	1,397	38%	
Big Lots Inc	BIG	3,354	1,416	1,928	1,426	74%	Retail Trade
							Wholesale Trade
Walgreens Boots Alliance Inc	WBA	17,460	737	15,953	1,507	9%	
STAPLES, INC.		3,766	5	2,047	1,719	84%	Retail Trade
Lowe's Companies Inc	LOW	13,398	368	11,627	1,771	15%	Retail Trade
Kroger Co	KR	10,321	75	8,522	1,799	21%	Retail Trade
Koninklijke Ahold Delhaize N.V.		7,683	336	5,849	1,834	31%	Retail Trade
Amazon.com Inc	AMZN	34,580	152	31,826	2,754	9%	Retail Trade
Seven & i Holdings Co Ltd	3382	13,775	125	5,982	7,793	130%	Retail Trade
					10,638		
Autozone Inc	AZO	46,992	0	36,354	8	29%	Retail Trade

