

FSInsight Daily Earnings Update

05/12/21

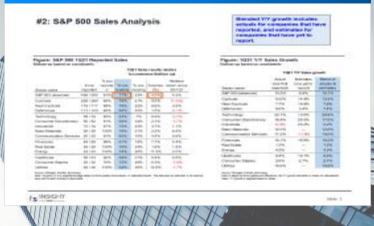
S&P 500 1Q21 Earnings Analysis



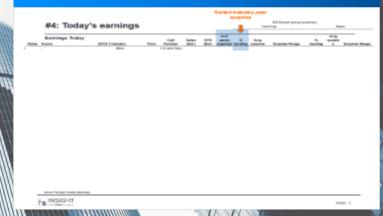
S&P 500 Earnings Calendar



S&P 500 1Q21 Sales Analysis



Today's Earnings



#1: S&P 500 Earnings Analysis

 1Q21 Street Consensus EPS

 As of 3/31/21
 \$39.57

 Current
 \$47.78

 % change
 20.7%

Figure: S&P 500 1Q21 Reported Earnings

Bottom-up based on constituents

1Q21 Earnings results relative to consensus (bottom up)

Sector name	# cos reported	% cos reporte d	% cos beating	% cos missing	Surprise (%)	Relative return since 3/31/21
S&P 500 (absolute)	456 / 500	91%	85%	15%	25.0%	4.5%
Cyclicals	229 / 260	88%	87%	13%	26.8%	-1.0%
Near-Cyclicals	116 / 117	99%	85%	15%	41.1%	3.6%
Defensives	111 / 123	90%	80%	20%	8.5%	(0.1%)
Technology	59 / 74	80%	93%	7%	19.5%	-2.7%
Consumer Discretionary	50/62	81%	80%	20%	71.3%	-1.7%
Industrials	72 / 74	97%	86%	14%	16.7%	1.1%
Basic Materials	28 / 28	100%	86%	14%	9.5%	6.9%
Communication Services	20 / 22	91%	90%	10%	30.8%	0.6%
Financials	64 / 65	98%	89%	11%	45.6%	4.4%
Real Estate	29 / 29	100%	86%	14%	6.3%	1.8%
Energy	23 / 23	100%	74%	26%	37.2%	2.0%
Healthcare	58 / 63	92%	83%	17%	8.1%	0.8%
Consumer Staples	25 / 32	78%	80%	20%	10.1%	-1.0%
Utilities	28 / 28	100%	75%	25%	7.8%	-1.7%

Source: FSInsight, FactSet, Bloomberg.

Note: "Surprise %" is a weighted average based on fiscal quarter actual results vs. estimated results. The date used for estimates is 30 calendar days prior to each company's report date. The earnings results of REITs are based on Funds from Operations (FFO).

Blended Y/Y growth includes actuals for companies that have reported, and estimates for companies that have yet to report.

Figure: 1Q21 Y/Y Earnings Growth

Bottom-up based on constituents

1Q21 Y/Y Earnings growth

Sector name	Actual (cos that reported)	Estimates (cos yet to report)	Blend of actuals & estimates
S&P 500 (absolute)	50.4%	28.9%	48.2%
Cyclicals	51.0%	36.5%	48.9%
Near-Cyclicals	94.3%	_	94.3%
Defensives	19.3%	8.4%	18.4%
Technology	43.1%	23.7%	38.7%
Consumer Discretionary	186.4%	106.7%	161.8%
Industrials	-2.6%	101.4%	1.1%
Basic Materials	61.4%	_	61.4%
Communication Services	59.1%	-59.6%	54.3%
Financials	127.2%	_	127.2%
Real Estate	-1.4%	_	-1.4%
Energy	15.8%	_	15.8%
Healthcare	26.7%	49.5%	27.3%
Consumer Staples	9.3%	-2.4%	6.5%
Utilities	0.8%	_	0.8%

Source: FSInsight, FactSet, Bloomberg.

Note: to adjust for fiscal quarter-end differences, the Y/Y growth calculation is based on calendarized Net Income. Y/Y growth is weighted based on Net Income. The Y/Y growth of REIT earnings is based on Funds from Operations (FFO)..



#2: S&P 500 Sales Analysis

Blended Y/Y growth includes actuals for companies that have reported, and estimates for companies that have yet to report.

Figure: S&P 500 1Q21 Reported Sales

Bottom-up based on constituents

1Q21 Sales results relative to consensus (bottom up)

		0/ 000	1	ı		Dolotivo
	# cos	% cos reporte	% cos	% cos	Surprise	Relative return since
0 1		•				
Sector name	reported	d	beating	missing	(%)	3/31/21
S&P 500 (absolute)	456 / 500	91%	77%	23%	4.2%	4.5%
Cyclicals	229 / 260	88%	79%	21%	4.0%	(1.0%)
Near-Cyclicals	116 / 117	99%	78%	22%	8.6%	3.6%
Defensives	111 / 123	90%	68%	32%	1.5%	-0.1%
Technology	59 / 74	80%	93%	7%	6.9%	-2.7%
Consumer Discretionary	50/62	81%	66%	34%	2.1%	-1.7%
Industrials	72 / 74	97%	75%	25%	3.7%	1.1%
Basic Materials	28 / 28	100%	79%	21%	2.3%	6.9%
Communication Services	20/22	91%	90%	10%	4.4%	0.6%
Financials	64 / 65	98%	81%	19%	7.7%	4.4%
Real Estate	29/29	100%	76%	24%	1.9%	1.8%
Energy	23 / 23	100%	74%	26%	11.3%	2.0%
Healthcare	58 / 63	92%	69%	31%	0.4%	0.8%
Consumer Staples	25/32	78%	72%	28%	0.3%	-1.0%
Utilities	28 / 28	100%	64%	36%	12.6%	-1.7%

Source: FSInsight, FactSet, Bloomberg.

Note: "Surprise %" is a weighted average based on fiscal quarter actual results vs. estimated results. The date used for estimates is 30 calendar days prior to each company's report date.

Figure: 1Q21 Y/Y Sales Growth

Bottom-up based on constituents

1Q21 Y/Y Sales growth

	Actual (cos that	Estimates (cos yet to	Blend of actuals &
Sector name	reported)	report)	estimates
S&P 500 (absolute)	10.3%	8.8%	10.1%
Cyclicals	13.0%	14.9%	13.3%
Near-Cyclicals	7.7%	16.9%	7.8%
Defensives	8.6%	3.4%	7.4%
Technology	23.1%	13.0%	20.8%
Consumer Discretionary	16.4%	20.3%	17.5%
Industrials	-0.4%	25.2%	0.2%
Basic Materials	12.0%	_	12.0%
Communication Services	17.2%	-11.8%	15.0%
Financials	10.1%	16.9%	10.2%
Real Estate	1.2%	_	1.2%
Energy	4.3%	_	4.3%
Healthcare	9.4%	19.1%	9.6%
Consumer Staples	2.6%	2.7%	2.7%
Utilities	15.6%	_	15.6%

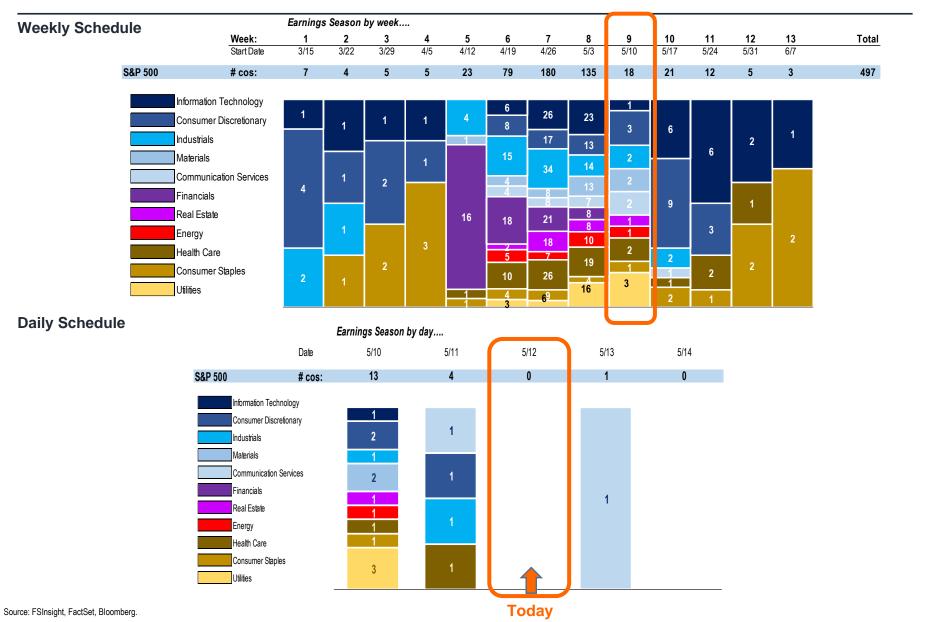
Source: FSInsight, FactSet, Bloomberg.

Note: to adjust for fiscal quarter-end differences, the Y/Y growth calculation is based on calendarized Sales. Y/Y growth is weighted based on Sales.



#3: S&P 500 Earnings Calendar

This week



Sorted industry peer surprise

#4: Today's earnings

#N/A

GICS peer group summary

Sales

Earnings

	5						-					
Earnings Toda	ny		Call	Sales	EPS	# of peers	%	Avg.		%	Avg. surpris	
Ticker Name	GICS 3 Industry	Time	Number	(Est.)		reported		•	Surprise Range	beating	е	Surprise Range

A Invalid Secu

Source: FSInsight, FactSet, Bloomberg.





#5: SALES BEATS over the last week

Figure: Companies beating top-line estimates

Sorted based on magnitude of sales beat

Surprise magnitude (1)

Surprise magnitude (1)

			Sub-industry	Mkt cap	Report	1	EBIT		Relative perf				Sub-industry	Mkt cap	Report		EBIT		Relative perf
	Ticker	Company name	group name	(\$M)	date	Sales	margin	EPS	since report		Ticker	Company name	group name	(\$M)	date	Sales	margin	EPS	since report
1	NRG	NRG Energy, Inc.	Electric Utilities	\$8,491	5/6/21	257.1%	2157 bp	-136.5%	1.0%	36	IPGP	IPG Photonics Corporation	Electronic Manufacturin	\$10,220	5/4/21	7.1%	258 bp	18.9%	1.0%
2	APA	APA Corp.	Oil & Gas Exploration (\$7,952	5/5/21	68.0%	1036 bp	262.5%	0.7%	37	XYL	Xylem Inc.	Industrial Machinery	\$21,178	5/4/21	7.1%	370 bp	49.4%	1.8%
3	EVRG	Evergy, Inc.	Electric Utilities	\$14,318	5/6/21	43.5%	-633 bp	18.3%	-0.8%	38	ED	Consolidated Edison, Inc.	Multi-Utilities	\$27,199	5/6/21	7.0%	-3 bp	4.9%	3.1%
4	AIG	American International Group, Inc.	Multi-line Insurance	\$43,445	5/6/21	35.6%		6.9%	1.6%	39	CTLT	Catalent Inc	Pharmaceuticals	\$17,716	5/4/21	6.8%	109 bp	12.0%	0.8%
5	COP	ConocoPhillips	Oil & Gas Exploration (\$75,190	5/4/21	28.3%	482 bp	38.4%	6.3%	40	APD	Air Products and Chemicals, Inc.	Industrial Gases	\$66,547	5/10/21	6.4%	-269 bp	-2.1%	3.3%
6	EXPD	Expeditors International of Washing	t Air Freight & Logistics	\$19,873	5/4/21	27.8%	248 bp	61.4%	3.7%	41	NWSA	News Corporation Class A	Publishing	\$16,328	5/6/21	6.2%	21 bp	51.5%	7.5%
7	HST	Host Hotels & Resorts, Inc.	Hotel & Resort REITs	\$11,996	5/4/21	26.9%		107.6%	-3.0%	42	K	Kellogg Company	Packaged Foods & Me	\$22,864	5/6/21	6.1%	113 bp	15.6%	0.6%
8	HFC	Holly Frontier Corporation	Oil & Gas Refining & N	\$5,557	5/5/21	26.5%	283 bp	-21.3%	-1.0%	43	П	Trane Technologies plc	Building Products	\$43,704	5/5/21	6.1%	368 bp	66.0%	2.6%
9	LNC	Lincoln National Corporation	Life & Health Insurance	\$12,966	5/5/21	23.4%		28.4%	3.1%	44	MTD	Mettler-Toledo International Inc.	Life Sciences Tools & S	\$28,853	5/6/21	6.0%	195 bp	17.3%	-3.3%
10	ATO	Atmos Energy Corporation	Gas Utilities	\$13,238	5/5/21	21.8%	-537 bp	13.9%	-0.8%	45	ANSS	ANSYS, Inc.	Application Software	\$27,964	5/5/21	5.9%	737 bp	34.0%	-9.4%
11	EXC	Exelon Corporation	Electric Utilities	\$43,426	5/5/21	20.6%	-814 bp	-108.8%	2.5%	46	CDW	CDW Corp.	Technology Distributors	\$23,504	5/5/21	5.5%	48 bp	15.3%	-1.8%
12	MPC	Marathon Petroleum Corporation	Oil & Gas Refining & N	\$38,271	5/4/21	18.8%	5 bp	67.8%	2.6%	47	TPR	Tapestry, Inc.	Apparel Accessories &	\$12,970	5/6/21	5.5%	469 bp	70.7%	0.6%
13	ATVI	Activision Blizzard, Inc.	Interactive Home Enter	\$74,081	5/4/21	16.6%	168 bp	20.2%	7.8%	48	REG	Regency Centers Corporation	Retail REITs	\$10,957	5/6/21	5.5%		18.9%	2.3%
14	WAT	Waters Corporation	Life Sciences Tools & §	\$19,604	5/5/21	15.8%	503 bp	45.5%	2.8%	49	FRT	Federal Realty Investment Trust	Retail REITs	\$8,880	5/5/21	5.4%		13.7%	4.3%
15	OXY	Occidental Petroleum Corporation	Integrated Oil & Gas	\$22,898	5/10/21	15.0%	516 bp	61.6%	-7.0%	50	TMUS	T-Mobile US, Inc.	Wireless Telecommunic	\$172,067	5/4/21	5.4%	76 bp	30.5%	7.7%
16	SPG	Simon Property Group, Inc.	Retail REITs	\$40,249	5/10/21	13.8%		9.8%	-2.4%	51	IDXX	IDEXX Laboratories, Inc.	Health Care Equipment	\$45,044	5/4/21	5.3%	560 bp	36.9%	0.6%
17	CMI	Cummins Inc.	Construction Machinery	\$38,712	5/4/21	13.1%	114 bp	17.8%	3.9%	52	IT	Gartner, Inc.	IT Consulting & Other S	\$19,394	5/4/21	5.1%	918 bp	89.7%	0.2%
18	EXPE	Expedia Group, Inc.	Hotels Resorts & Cruis	\$25,331	5/6/21	12.9%	780 bp	15.6%	5.8%	53	ZBH	Zimmer Biomet Holdings, Inc.	Health Care Equipment	\$34,931	5/4/21	5.1%	88 bp	11.1%	-2.8%
19	BWA	BorgWarner Inc.	Auto Parts & Equipmer	\$12,388	5/5/21	11.9%	146 bp	30.6%	1.4%	54	HSIC	Henry Schein, Inc.	Health Care Distributors	\$11,311	5/4/21	4.9%	217 bp	47.4%	1.0%
20	PENN	Penn National Gaming, Inc.	Casinos & Gaming	\$12,992	5/6/21	11.8%	171 bp	117.4%	0.2%	55	MPWF	R Monolithic Power Systems, Inc.	Semiconductors	\$14,655	5/4/21	4.8%	119 bp	8.9%	-3.8%
21	MRO	Marathon Oil Corporation	Oil & Gas Exploration (\$9,056	5/5/21	11.6%	799 bp	1359.9%	-1.4%	56	DD	DuPont de Nemours, Inc.	Specialty Chemicals	\$44,077	5/4/21	4.7%	176 bp	22.6%	4.5%
22	UAA	Under Armour, Inc. Class A	Apparel Accessories &	\$10,484	5/4/21	11.5%	601 bp	352.8%	-3.2%	57	VMC	Vulcan Materials Company	Construction Materials	\$25,397	5/4/21	4.7%	1277 bp	53.1%	1.5%
23	PKI	PerkinElmer, Inc.	Life Sciences Tools & §	\$15,626	5/4/21	10.5%	323 bp	23.5%	9.4%	58	VTRS	Viatris, Inc.	Pharmaceuticals	\$18,299	5/10/21	4.5%	158 bp	13.6%	1.5%
24	CNP	CenterPoint Energy, Inc.	Multi-Utilities	\$13,909	5/6/21	10.1%	2061 bp	19.3%	-0.5%	59	FOXA	Fox Corporation Class A	Broadcasting	\$22,341	5/5/21	4.5%	789 bp	59.8%	6.3%
25	ES	Eversource Energy	Electric Utilities	\$28,846	5/10/21	9.4%	-209 bp	-0.9%	-0.8%	60	ANET	Arista Networks, Inc.	Communications Equip	\$24,937	5/4/21	4.3%	65 bp	4.8%	7.2%
26	ALB	Albemarle Corporation	Specialty Chemicals	\$18,733	5/5/21	9.3%	392 bp	39.6%	-3.6%	61	ALL	Allstate Corporation	Property & Casualty In	\$40,150	5/5/21	4.3%		62.5%	5.6%
27	AES	AES Corporation	Independent Power Pro	\$16,883	5/6/21	9.1%	23 bp	-18.4%	0.7%	62	SRE	Sempra Energy	Multi-Utilities	\$41,945	5/5/21	4.2%	652 bp	19.6%	2.6%
28	ZTS	Zoetis, Inc. Class A	Pharmaceuticals	\$80,820	5/6/21	8.9%	395 bp	23.4%	2.8%	63	ETSY	Etsy, Inc.	Internet & Direct Market	\$21,587	5/5/21	4.0%	25 bp	20.4%	-7.6%
29	XRAY	DENTSPLY SIRONA, Inc.	Health Care Supplies	\$14,584	5/6/21	8.7%	303 bp	28.5%	0.3%	64	AME	AMETEK, Inc.	Electrical Components	\$31,437	5/4/21	3.8%	61 bp	5.7%	0.4%
30	CTVA	Corteva Inc	Fertilizers & Agricultural	\$34,710	5/4/21	8.7%	244 bp	18.9%	-5.1%	65	ETN	Eaton Corp. Plc	Electrical Components	\$58,085	5/4/21	3.8%	166 bp	17.0%	1.1%
31	BR	Broadridge Financial Solutions, Inc	. Data Processing & Out	\$19,020	5/4/21	8.5%	9 bp	5.5%	0.9%	66	XLNX	Xilinx, Inc.	Semiconductors	\$29,794	5/4/21	3.8%	-7 bp	2.3%	-1.2%
32	APTV	Aptiv PLC	Auto Parts & Equipmer	\$38,035	5/6/21	8.1%	98 bp	31.4%	0.6%	67	SEE	Sealed Air Corporation	Paper Packaging	\$8,571	5/4/21	3.7%	62 bp	8.0%	3.0%
33	PFE	Pfizer Inc.	Pharmaceuticals	\$219,501	5/4/21	7.8%	468 bp	18.7%	-1.2%	68	UNM	Unum Group	Life & Health Insurance	\$6,103	5/5/21	3.4%		5.5%	1.7%
34	TRMB	Trimble Inc.	Electronic Equipment &	\$19,191	5/5/21	7.7%	210 bp	20.3%	-5.3%	69	QRVO	Qorvo, Inc.	Semiconductors	\$19,482	5/5/21	3.1%	249 bp	12.8%	-5.4%
.35	EA	Electronic Arts Inc.	Interactive Home Enter	\$40,659	5/11/21	7.3%	-186 bp	13.5%	0.0%	70	BEN	Franklin Resources, Inc.	Asset Management & 0	\$17,041	5/4/21	3.0%		5.7%	5.8%

Source: FSInsight, FactSet, Bloomberg.

⁽¹⁾ Compares the actual reported result to the consensus estimate. The date used for estimates is 30 calendar days prior to the company's report date.



#5a: SALES MISSES over the last week

Figure: Companies missing top-line estimates

Sorted based on magnitude of sales miss

Surprise magnitude (1)

Sub-industry group Mkt cap Report **EBIT** Relative perf Ticker Company name Sales margin EPS since report 36 FLT FLEETCOR Technologies, Inc. 125 bp Data Processing & Out \$23,164 5/5/21 -0.4% 3.4% -3.5% 37 VRSK Verisk Analytics Inc Research & Consulting \$28,379 5/4/21 -0.0% -56 bp -2.0% -6.8%

Surprise magnitude (1)

				Sub-industry group	Mkt cap	Report		EBIT		Relative perf		
		SEDOL	Company name	name	(\$M)	date	Sales	margin	EPS	since report		
1		B9CGTC3	Norwegian Cruise Line Holdings Lt		. ,	5/6/21	-70.3%	#######	-2.0%	0.6%		
2	HLT		Hilton Worldwide Holdings Inc	Hotels Resorts & Cruis	. ,	5/5/21	-20.7%	-620 bp	-77.6%	-0.3%		
3	PPL	2680905	PPL Corporation	Electric Utilities	\$22,575	5/6/21	-19.5%		-54.5%	2.9%		
4	DVN	2480677	Dev on Energy Corporation	Oil & Gas Exploration	\$17,423	5/4/21	-17.4%	1249 bp	55.9%	10.1%		
5	LYV	B0T7YX2	Live Nation Entertainment, Inc.	Movies & Entertainmer	\$17,921	5/6/21	-16.0%	-1566 bp	3.8%	10.3%		
6	PEAK	BJBLRK3	Healthpeak Properties, Inc.	Health Care REITs	\$17,693	5/4/21	-11.3%		1.9%	-3.2%		
7	PXD	2690830	Pioneer Natural Resources Compa	Oil & Gas Exploration	\$34,183	5/4/21	-9.6%	303 bp	19.4%	-0.2%		
8	NI	2645409	NiSource Inc	Multi-Utilities	\$10,123	5/5/21	-9.0%	51 bp	-4.2%	0.5%		
9	INCY	2471950	Incyte Corporation	Biotechnology	\$17,735	5/4/21	-8.3%	550 bp	-46.7%	-0.2%		
10	REGN	2730190	Regeneron Pharmaceuticals, Inc.	Biotechnology	\$53,399	5/6/21	-6.1%	406 bp	-2.3%	1.7%		
11	PEG	2707677	Public Service Enterprise Group In	Multi-Utilities	\$31,442	5/5/21	-5.9%	211 bp	22.4%	1.9%		
12	D	2542049	Dominion Energy Inc	Multi-Utilities	\$63,417	5/4/21	-5.7%	282 bp	2.6%	-0.7%		
13	WYNN	2963811	Wynn Resorts, Limited	Casinos & Gaming	\$14,455	5/10/21	-5.2%	-366 bp	-22.3%	0.3%		
14	LNT	2973821	Alliant Energy Corp	Electric Utilities	\$14,250	5/6/21	-4.8%		5.0%	1.9%		
15	CF	B0G4K50	CF Industries Holdings, Inc.	Fertilizers & Agricultura	\$11,663	5/5/21	-4.3%	136 bp	24.2%	8.9%		
16	SYY	2868165	Sysco Corporation	Food Distributors	\$42,963	5/4/21	-4.1%	2 bp	7.1%	1.3%		
17	MCK	2378534	McKesson Corporation	Health Care Distributors	\$31,275	5/6/21	-3.3%	9 bp	0.4%	8.1%		
18	MAR	2210614	Marriott International, Inc. Class A	Hotels Resorts & Cruis	\$46,137	5/10/21	-3.0%	44 bp	146.0%	1.6%		
19	HWM	BKLJ8V2	Howmet Aerospace Inc.	Aerospace & Defense	\$14,072	5/6/21	-2.6%	92 bp	11.1%	1.8%		
20	MET	2573209	MetLife, Inc.	Life & Health Insurance	\$56,802	5/5/21	-2.6%		50.8%	-0.7%		
21	GM	B665KZ5	General Motors Company	Automobile Manufacture	\$80,846	5/5/21	-2.2%	737 bp	128.9%	-2.8%		
22	WRK	BYR0914	WestRock Company	Paper Packaging	\$16,001	5/5/21	-1.8%	-98 bp	-14.8%	4.5%		
23	CAH	2175672	Cardinal Health, Inc.	Health Care Distributors	\$16,298	5/6/21	-1.8%	-7 bp	-1.8%	0.5%		
24	PRGO	BGH1M56	Perrigo Co. Plc	Pharmaceuticals	\$5,922	5/11/21	-1.6%	-83 bp	-11.8%	0.0%		
25	AIZ	2331430	Assurant, Inc.	Multi-line Insurance	\$9,451	5/4/21	-1.5%		25.5%	-0.6%		
26	ABC	2795393	AmerisourceBergen Corporation	Health Care Distributors	\$24,670	5/5/21	-1.4%	6 bp	2.6%	1.4%		
27	AMCR	BJ1F307	Amcor PLC	Paper Packaging	\$19,118	5/4/21	-1.3%	45 bp	4.8%	0.1%		
28	PWR	2150204	Quanta Services, Inc.	Construction & Enginee	\$13,749	5/6/21	-1.1%	46 bp	16.2%	1.2%		
29	PRU	2819118	Prudential Financial, Inc.	Life & Health Insurance	\$41,335	5/4/21	-1.0%	·	54.1%	3.5%		
30	CERN	2185284	Cerner Corporation	Health Care Technolog	\$23.108	5/5/21	-1.0%	87 bp	2.7%	3.2%		
31	PNW	2048804	Pinnacle West Capital Corporation	٥.	\$9.790	5/5/21	-0.9%	-608 bp	30.9%	3.1%		
32	RSG	2262530	Republic Services, Inc.	Environmental & Facilit	,	5/5/21	-0.8%	178 bp	10.0%	0.9%		
33			Caesars Entertainment Inc	Casinos & Gaming	\$21,031	5/4/21	-0.7%	435 bp	-18.7%	5.8%		
34			Booking Holdings Inc.	Hotels Resorts & Cruis	. ,	5/5/21	-0.7%	-125 bp	16.5%	-3.5%		
					\$15,596	5/5/21	-0.6%	3 bp	7.6%	10.9%		
		Sour	Lumen Technologies, Inc. ce: FSInsight, FactSet, Bloomberg		ψ10,000	3.0.2.		. 00 I				

⁽¹⁾ Compares the actual reported result to the consensus estimate. The date used for estimates is 30 calendar days prior to the company's report date.



#6: **EPS BEATS** over the last week

Figure: Companies beating bottom-line estimates

Sorted based on magnitude of EPS beat

						Surp	rise magn	itude					Surprise magnitude (1)						
			Sub-industry	Mkt cap	Report		EBIT	-	Relative perf				Sub-industry	Mkt cap	Report		EBIT		Relative perf
	Ticker	Company name	group name	(\$M)	date	Sales	margin	EPS	since report		Ticker	Company name	group name	(\$M)	date	Sales	margin	EPS	since report
1	MRO	Marathon Oil Corporation	Oil & Gas Exploration & Produc	\$9,056	5/5/21	11.6%	799 bp	1359.9%	-1.4%	36	TMUS	T-Mobile US, Inc.	Wireless Telecommunic	\$172,067	5/4/21	5.4%	76 bp	30.5%	7.7%
2	UAA	Under Armour, Inc. Class A	Apparel Accessories & Luxury	\$10,484	5/4/21	11.5%	601 bp	352.8%	-3.2%	37	J	Jacobs Engineering Group Inc.	Research & Consulting	\$18,230	5/10/21	1.9%	129 bp	29.2%	-0.7%
3	APA	APA Corp.	Oil & Gas Exploration & Produc	\$7,952	5/5/21	68.0%	1036 bp	262.5%	0.7%	38	XRAY	DENTSPLY SIRONA, Inc.	Health Care Supplies	\$14,584	5/6/21	8.7%	303 bp	28.5%	0.3%
4	MAR	Marriott International, Inc. Class A	Hotels Resorts & Cruise Lines	\$46,137	5/10/21	-3.0%	44 bp	146.0%	1.6%	39	LNC	Lincoln National Corporation	Life & Health Insurance	\$12,966	5/5/21	23.4%		28.4%	3.1%
5	GM	General Motors Company	Automobile Manufacturers	\$80,846	5/5/21	-2.2%	737 bp	128.9%	-2.8%	40	AEE	Ameren Corporation	Multi-Utilities	\$21,299	5/10/21	2.3%	44 bp	28.1%	-2.0%
6	PENN	Penn National Gaming, Inc.	Casinos & Gaming	\$12,992	5/6/21	11.8%	171 bp	117.4%	0.2%	41	TSN	Tyson Foods, Inc. Class A	Packaged Foods & Me	\$28,418	5/10/21	1.5%	85 bp	27.3%	1.7%
7	HST	Host Hotels & Resorts, Inc.	Hotel & Resort REITs	\$11,996	5/4/21	26.9%		107.6%	-3.0%	42	AIZ	Assurant, Inc.	Multi-line Insurance	\$9,451	5/4/21	-1.5%		25.5%	-0.6%
8	MLM	Martin Marietta Materials, Inc.	Construction Materials	\$23,522	5/4/21	1.6%	309 bp	98.8%	1.3%	43	CF	CF Industries Holdings, Inc.	Fertilizers & Agricultura	\$11,663	5/5/21	-4.3%	136 bp	24.2%	8.9%
9	IT	Gartner, Inc.	IT Consulting & Other Services	\$19,394	5/4/21	5.1%	918 bp	89.7%	0.2%	44	PKI	PerkinElmer, Inc.	Life Sciences Tools & S	\$15,626	5/4/21	10.5%	323 bp	23.5%	9.4%
10	TPR	Tapestry, Inc.	Apparel Accessories & Luxury	\$12,970	5/6/21	5.5%	469 bp	70.7%	0.6%	45	ZTS	Zoetis, Inc. Class A	Pharmaceuticals	\$80,820	5/6/21	8.9%	395 bp	23.4%	2.8%
11	MPC	Marathon Petroleum Corporation	Oil & Gas Refining & Marketing	\$38,271	5/4/21	18.8%	5 bp	67.8%	2.6%	46	DD	DuPont de Nemours, Inc.	Specialty Chemicals	\$44,077	5/4/21	4.7%	176 bp	22.6%	4.5%
12	Π	Trane Technologies plc	Building Products	\$43,704	5/5/21	6.1%	368 bp	66.0%	2.6%	47	PEG	Public Service Enterprise Group II	n Multi-Utilities	\$31,442	5/5/21	-5.9%	211 bp	22.4%	1.9%
13	ALL	Allstate Corporation	Property & Casualty Insurance	\$40,150	5/5/21	4.3%		62.5%	5.6%	48	EOG	EOG Resources, Inc.	Oil & Gas Exploration	\$47,937	5/6/21	1.4%	603 bp	21.8%	7.9%
14	OXY	Occidental Petroleum Corporation	Integrated Oil & Gas	\$22,898	5/10/21	15.0%	516 bp	61.6%	-7.0%	49	PYPL	Pay Pal Holdings Inc	Data Processing & Out	\$292,038	5/5/21	2.3%	250 bp	20.8%	0.9%
15	EXPD	Expeditors International of Washing	1 Air Freight & Logistics	\$19,873	5/4/21	27.8%	248 bp	61.4%	3.7%	50	ETSY	Etsy, Inc.	Internet & Direct Market	\$21,587	5/5/21	4.0%	25 bp	20.4%	-7.6%
16	FOXA	Fox Corporation Class A	Broadcasting	\$22,341	5/5/21	4.5%	789 bp	59.8%	6.3%	51	TRMB	Trimble Inc.	Electronic Equipment 8	\$19,191	5/5/21	7.7%	210 bp	20.3%	-5.3%
17	DVN	Dev on Energy Corporation	Oil & Gas Exploration & Produc	\$17,423	5/4/21	-17.4%	1249 bp	55.9%	10.1%	52	ATVI	Activision Blizzard, Inc.	Interactive Home Enter	\$74,081	5/4/21	16.6%	168 bp	20.2%	7.8%
18	PRU	Prudential Financial, Inc.	Life & Health Insurance	\$41,335	5/4/21	-1.0%		54.1%	3.5%	53	SRE	Sempra Energy	Multi-Utilities	\$41,945	5/5/21	4.2%	652 bp	19.6%	2.6%
19	VMC	Vulcan Materials Company	Construction Materials	\$25,397	5/4/21	4.7%	1277 bp	53.1%	1.5%	54	PXD	Pioneer Natural Resources Compa	a Oil & Gas Exploration	\$34,183	5/4/21	-9.6%	303 bp	19.4%	-0.2%
20	NWSA	News Corporation Class A	Publishing	\$16,328	5/6/21	6.2%	21 bp	51.5%	7.5%	55	CNP	CenterPoint Energy, Inc.	Multi-Utilities	\$13,909	5/6/21	10.1%	2061 bp	19.3%	-0.5%
21	HBI	Hanesbrands Inc.	Apparel Accessories & Luxury	\$6,729	5/11/21	0.4%	352 bp	51.5%	0.0%	56	CTVA	Cortev a Inc	Fertilizers & Agricultura	\$34,710	5/4/21	8.7%	244 bp	18.9%	-5.1%
22	MET	MetLife, Inc.	Life & Health Insurance	\$56,802	5/5/21	-2.6%		50.8%	-0.7%	57	IPGP	IPG Photonics Corporation	Electronic Manufacturin	\$10,220	5/4/21	7.1%	258 bp	18.9%	1.0%
23	XYL	Xylem Inc.	Industrial Machinery	\$21,178	5/4/21	7.1%	370 bp	49.4%	1.8%	58	REG	Regency Centers Corporation	Retail REITs	\$10,957	5/6/21	5.5%		18.9%	2.3%
24	HSIC	Henry Schein, Inc.	Health Care Distributors	\$11,311	5/4/21	4.9%	217 bp	47.4%	1.0%	59	PFE	Pfizer Inc.	Pharmaceuticals	\$219,501	5/4/21	7.8%	468 bp	18.7%	-1.2%
25	WAT	Waters Corporation	Life Sciences Tools & Services	\$19,604	5/5/21	15.8%	503 bp	45.5%	2.8%	60	CVS	CVS Health Corporation	Health Care Services	\$111,079	5/4/21	1.0%	83 bp	18.4%	4.3%
26	NLSN	Nielsen Holdings Plc	Research & Consulting Service	\$10,034	5/6/21	2.2%	646 bp	44.3%	6.2%	61	EVRG	Evergy, Inc.	Electric Utilities	\$14,318	5/6/21	43.5%	-633 bp	18.3%	-0.8%
27	HII	Huntington Ingalls Industries, Inc.	Aerospace & Defense	\$8,638	5/6/21	2.4%	178 bp	40.1%	-0.5%	62	CMI	Cummins Inc.	Construction Machinery	\$38,712	5/4/21	13.1%	114 bp	17.8%	3.9%
28	ALB	Albemarle Corporation	Specialty Chemicals	\$18,733	5/5/21	9.3%	392 bp	39.6%	-3.6%	63	MTD	Mettler-Toledo International Inc.	Life Sciences Tools & S	\$28,853	5/6/21	6.0%	195 bp	17.3%	-3.3%
29	COP	ConocoPhillips	Oil & Gas Exploration & Produc	\$75,190	5/4/21	28.3%	482 bp	38.4%	6.3%	64	ETN	Eaton Corp. Plc	Electrical Components	\$58,085	5/4/21	3.8%	166 bp	17.0%	1.1%
30	IDXX	IDEXX Laboratories, Inc.	Health Care Equipment	\$45,044	5/4/21	5.3%	560 bp	36.9%	0.6%	65	LDOS	Leidos Holdings, Inc.	Research & Consulting	\$14,804	5/4/21	2.0%	140 bp	16.8%	0.2%
31	ANSS	ANSYS, Inc.	Application Software	\$27,964	5/5/21	5.9%	737 bp	34.0%	-9.4%	66	BKNG	Booking Holdings Inc.	Hotels Resorts & Cruis	\$92,274	5/5/21	-0.7%	-125 bp	16.5%	-3.5%
32	APTV	Aptiv PLC	Auto Parts & Equipment	\$38,035	5/6/21	8.1%	98 bp	31.4%	0.6%	67	PWR	Quanta Services, Inc.	Construction & Engineer	\$13,749	5/6/21	-1.1%	46 bp	16.2%	1.2%
33	VIAC	ViacomCBS Inc. Class B	Broadcasting	\$25,503	5/6/21	1.6%	410 bp	31.3%	4.7%	68	EXPE	Expedia Group, Inc.	Hotels Resorts & Cruis	\$25,331	5/6/21	12.9%	780 bp	15.6%	5.8%
34	PNW	Pinnacle West Capital Corporation	Electric Utilities	\$9,790	5/5/21	-0.9%	-608 bp	30.9%	3.1%	69	K	Kellogg Company	Packaged Foods & Me	\$22,864	5/6/21	6.1%	113 bp	15.6%	0.6%
.35	BWA	BorgWarner Inc.	Auto Parts & Equipment	\$12,388	5/5/21	11.9%	146 bp	30.6%	1.4%	70	CDW	CDW Corp.	Technology Distributors	\$23,504	5/5/21	5.5%	48 bp	15.3%	-1.8%

Source: FSInsight, FactSet, Bloomberg.

⁽¹⁾ Compares the actual reported result to the consensus estimate. The date used for estimates is 30 calendar days prior to the company's report date.



-108.8%

-77.6%

-54.5%

-46.7%

-22.3%

-21.3%

-18.7%

-18.4%

-14.8%

-11.8%

-6.2%

-4.2%

-3.5%

-3.4%

-2.3%

-2.1%

-2.0%

-2.0%

-1.8%

-0.9%

-814 bp

-620 bp

550 bp

-366 bp

283 bp

435 bp

23 bp

-98 bp

-83 bp

-639 bp

51 bp

-125 bp

-147 bp

406 bp

-269 bp

-7 bp

-70.3% #######

20.6%

-20.7%

-19.5%

-8.3%

-5.2%

26.5%

-0.7%

9.1%

-1.8%

-1.6%

2.3%

-9.0%

2.2%

0.9%

-6.1%

6.4%

-1.8%

9.4%

#6a: EPS MISSES over the last week

\$43,426

\$22,575

\$17,735

\$14,455

\$21,031

\$16,001

\$5.922

\$10,123

\$48.384

\$53,399

\$66,547

\$16,298

\$28,846

5/5/21

5/5/21

5/6/21

5/4/21

5/10/21

5/5/21

5/4/21

5/6/21

5/5/21

5/11/21

5/6/21

5/5/21

5/6/21

5/10/21

5/6/21

5/10/21

Figure: Companies missing bottom-line estimates

Hotels Resorts & Cruise Line \$33,934

Oil & Gas Refining & Marketi \$5,557

Independent Power Producer \$16,883

Electronic Equipment & Instru \$7,668

Data Processing & Outsource \$10,436

Research & Consulting Servi \$28,379

Hotels Resorts & Cruise Line \$10,231

Electric Utilities

Electric Utilities

Biotechnology

Casinos & Gaming

Casinos & Gaming

Paper Packaging

Pharmaceuticals

Multi-Utilities

Soft Drinks

Biotechnology

Industrial Gases

Electric Utilities

Health Care Distributors

EXC

AES

FLIR

6

11

12 13

15 WU

16

17

20

21

ES

Exelon Corporation

PPL Corporation

INCY Incyte Corporation

PRGO Perrigo Co. Plc

WYNN Wynn Resorts, Limited

AES Corporation

WestRock Company

FLIR Systems, Inc.

MNST Monster Beverage Corporation

Western Union Company

REGN Regeneron Pharmaceuticals, Inc.

Air Products and Chemicals, Inc.

NCLH Norwegian Cruise Line Holdings Ltd.

Cardinal Health, Inc.

Eversource Energy

NiSource Inc

VRSK Verisk Analytics Inc

Holly Frontier Corporation

Caesars Entertainment Inc

Hilton Worldwide Holdings Inc

Surprise magnitude (1) Sorted based on magnitude of EPS beat Relative perf Mkt cap Report EBIT Relative perf Mkt cap Report **EBIT** EPS Sales margin **EPS** Sub-industry group name since report Ticker Company name Sub-industry group name (\$M) date since report Ticker Company name Sales margin NRG Energy, Inc. Electric Utilities \$8,491 5/6/21 257.1% 2157 bp -136.5%

2.5%

-0.3%

2.9%

-0.2%

0.3%

-1.0%

5.8%

0.7%

4.5%

0.0%

0.0%

0.5%

-2.5%

-1.1%

1.7%

3.3%

-6.8%

0.6%

0.5%

-0.8%

Source: FSInsight, FactSet, Bloomberg

(1) Compares the actual reported result to the consensus estimate. The date used for estimates is 30 calendar days prior to the company's report date.



#7: EBIT MARGIN BEATS over the last week

Figure: Companies beating margin estimates

Sorted based on magnitude of EBIT margin beat Surprior agnitude (1)

Surprise magnitude (1)

			Sub-industry	Mkt cap	Report		EBIT		Relative perf				Sub-industry	Mkt cap	Report		EBIT		Relative perf
	Ticker	Company name	group name	(\$M)	date	Sales	margin	EPS	since report		Ti	cker Company name	group name	(\$M)	date	Sales	margin	EPS	since report
1		NRG Energy, Inc.	Electric Utilities	\$8.491	5/6/21	257.1%	2157 bp	-136.5%	1.0%	36	HI	· ,	Oil & Gas Refining & N	_ ` '	5/5/21	26.5%	283 bp	-21.3%	-1.0%
2	CNP	CenterPoint Energy, Inc.	Multi-Utilities	\$13,909	5/6/21	10.1%	2061 bp	19.3%	-0.5%	37	D	Dominion Energy Inc	Multi-Utilities	\$63,417	5/4/21	-5.7%	282 bp	2.6%	-0.7%
3	VMC	Vulcan Materials Company	Construction Materials	\$25,397	5/4/21	4.7%	1277 bp	53.1%	1.5%	38	ΙP	GP IPG Photonics Corporation	Electronic Manufacturin	\$10,220	5/4/21	7.1%	258 bp	18.9%	1.0%
4	DVN	Devon Energy Corporation	Oil & Gas Exploration	\$17,423	5/4/21	-17.4%	1249 bp	55.9%	10.1%	39	P١	PL PayPal Holdings Inc	Data Processing & Out	\$292,038	5/5/21	2.3%	250 bp	20.8%	0.9%
5	APA	APA Corp.	Oil & Gas Exploration	\$7,952	5/5/21	68.0%	1036 bp	262.5%	0.7%	40	QI	RVO Qorvo, Inc.	Semiconductors	\$19,482	5/5/21	3.1%	249 bp	12.8%	-5.4%
6	IT	Gartner, Inc.	IT Consulting & Other §	\$19,394	5/4/21	5.1%	918 bp	89.7%	0.2%	41	E)	PD Expeditors International of Washing	Air Freight & Logistics	\$19,873	5/4/21	27.8%	248 bp	61.4%	3.7%
7	MRO	Marathon Oil Corporation	Oil & Gas Exploration (\$9,056	5/5/21	11.6%	799 bp	1359.9%	-1.4%	42	C.	VA Corteva Inc	Fertilizers & Agricultura	\$34,710	5/4/21	8.7%	244 bp	18.9%	-5.1%
8	FOXA	Fox Corporation Class A	Broadcasting	\$22,341	5/5/21	4.5%	789 bp	59.8%	6.3%	43	Н	IC Henry Schein, Inc.	Health Care Distributors	\$11,311	5/4/21	4.9%	217 bp	47.4%	1.0%
9	EXPE	Expedia Group, Inc.	Hotels Resorts & Cruis	\$25,331	5/6/21	12.9%	780 bp	15.6%	5.8%	44	PE	G Public Service Enterprise Group Ir	Multi-Utilities	\$31,442	5/5/21	-5.9%	211 bp	22.4%	1.9%
10	GM	General Motors Company	Automobile Manufacture	\$80,846	5/5/21	-2.2%	737 bp	128.9%	-2.8%	45	TF	MB Trimble Inc.	Electronic Equipment &	\$19,191	5/5/21	7.7%	210 bp	20.3%	-5.3%
11	ANSS	ANSYS, Inc.	Application Software	\$27,964	5/5/21	5.9%	737 bp	34.0%	-9.4%	46	M	D Mettler-Toledo International Inc.	Life Sciences Tools & S	\$28,853	5/6/21	6.0%	195 bp	17.3%	-3.3%
12	SRE	Sempra Energy	Multi-Utilities	\$41,945	5/5/21	4.2%	652 bp	19.6%	2.6%	47	HI	Huntington Ingalls Industries, Inc.	Aerospace & Defense	\$8,638	5/6/21	2.4%	178 bp	40.1%	-0.5%
13	NLSN	Nielsen Holdings Plc	Research & Consulting	\$10,034	5/6/21	2.2%	646 bp	44.3%	6.2%	48	R	G Republic Services, Inc.	Environmental & Facilit	\$35,062	5/5/21	-0.8%	178 bp	10.0%	0.9%
14	EOG	EOG Resources, Inc.	Oil & Gas Exploration (\$47,937	5/6/21	1.4%	603 bp	21.8%	7.9%	49	DI	DuPont de Nemours, Inc.	Specialty Chemicals	\$44,077	5/4/21	4.7%	176 bp	22.6%	4.5%
15	UAA	Under Armour, Inc. Class A	Apparel Accessories &	\$10,484	5/4/21	11.5%	601 bp	352.8%	-3.2%	50	ZE	RA Zebra Technologies Corporation Cl	Electronic Equipment &	\$25,989	5/4/21	1.3%	172 bp	9.0%	3.5%
16	IDXX	IDEXX Laboratories, Inc.	Health Care Equipment	\$45,044	5/4/21	5.3%	560 bp	36.9%	0.6%	51	PE	NN Penn National Gaming, Inc.	Casinos & Gaming	\$12,992	5/6/21	11.8%	171 bp	117.4%	0.2%
17	INCY	Incy te Corporation	Biotechnology	\$17,735	5/4/21	-8.3%	550 bp	-46.7%	-0.2%	52	ΑT	VI Activision Blizzard, Inc.	Interactive Home Enter	\$74,081	5/4/21	16.6%	168 bp	20.2%	7.8%
18	OXY	Occidental Petroleum Corporation	Integrated Oil & Gas	\$22,898	5/10/21	15.0%	516 bp	61.6%	-7.0%	53	Εī	N Eaton Corp. Plc	Electrical Components	\$58,085	5/4/21	3.8%	166 bp	17.0%	1.1%
19	WAT	Waters Corporation	Life Sciences Tools & §	\$19,604	5/5/21	15.8%	503 bp	45.5%	2.8%	54	P/	YC Paycom Software, Inc.	Application Software	\$18,568	5/4/21	0.3%	160 bp	3.9%	-9.0%
20	COP	ConocoPhillips	Oil & Gas Exploration (\$75,190	5/4/21	28.3%	482 bp	38.4%	6.3%	55	V	RS Viatris, Inc.	Pharmaceuticals	\$18,299	5/10/21	4.5%	158 bp	13.6%	1.5%
21	TPR	Tapestry, Inc.	Apparel Accessories &	\$12,970	5/6/21	5.5%	469 bp	70.7%	0.6%	56	В١	/A BorgWarner Inc.	Auto Parts & Equipmer	\$12,388	5/5/21	11.9%	146 bp	30.6%	1.4%
22	PFE	Pfizer Inc.	Pharmaceuticals	\$219,501	5/4/21	7.8%	468 bp	18.7%	-1.2%	57	LII	I Linde plc	Industrial Gases	\$155,339	5/6/21	2.9%	145 bp	11.1%	1.9%
23	CZR	Caesars Entertainment Inc	Casinos & Gaming	\$21,031	5/4/21	-0.7%	435 bp	-18.7%	5.8%	58	LD	OS Leidos Holdings, Inc.	Research & Consulting	\$14,804	5/4/21	2.0%	140 bp	16.8%	0.2%
24	VIAC	ViacomCBS Inc. Class B	Broadcasting	\$25,503	5/6/21	1.6%	410 bp	31.3%	4.7%	59	CI	3-,	Fertilizers & Agricultura	\$11,663	5/5/21	-4.3%	136 bp	24.2%	8.9%
25	REGN	Regeneron Pharmaceuticals, Inc.	Biotechnology	\$53,399	5/6/21	-6.1%	406 bp	-2.3%	1.7%	60	J	Jacobs Engineering Group Inc.	Research & Consulting	\$18,230	5/10/21	1.9%	129 bp	29.2%	-0.7%
26	ZTS	Zoetis, Inc. Class A	Pharmaceuticals	\$80,820	5/6/21	8.9%	395 bp	23.4%	2.8%	61	NI	OK NortonLifeLock Inc.	Systems Software	\$13,587	5/10/21	2.5%	128 bp	5.1%	11.6%
27	ALB	Albemarle Corporation	Specialty Chemicals	\$18,733	5/5/21	9.3%	392 bp	39.6%	-3.6%	62	FL	FLEETCOR Technologies, Inc.	Data Processing & Out	\$23,164	5/5/21	-0.4%	125 bp	3.4%	-3.5%
28	XYL	Xylem Inc.	Industrial Machinery	\$21,178	5/4/21	7.1%	370 bp	49.4%	1.8%	63		PWR Monolithic Power Systems, Inc.	Semiconductors	\$14,655	5/4/21	4.8%	119 bp	8.9%	-3.8%
29	Π	Trane Technologies plc	Building Products	\$43,704	5/5/21	6.1%	368 bp	66.0%	2.6%	64	CI		Construction Machinery		5/4/21	13.1%	114 bp	17.8%	3.9%
30	HBI	Hanesbrands Inc.	Apparel Accessories &	. ,	5/11/21	0.4%	352 bp	51.5%	0.0%	65	K	Kellogg Company	Packaged Foods & Me	\$22,864	5/6/21	6.1%	113 bp	15.6%	0.6%
31	PKI	PerkinElmer, Inc.	Life Sciences Tools & S	,	5/4/21	10.5%	323 bp	23.5%	9.4%	66	-	LT Catalent Inc	Pharmaceuticals	\$17,716	5/4/21	6.8%	109 bp	12.0%	0.8%
32	DUK	Duke Energy Corporation	Electric Utilities	\$79,714	5/10/21	0.4%	309 bp	2.5%	0.8%	67		AM Akamai Technologies, Inc.	Internet Services & Infr	,	5/4/21	1.5%	105 bp	5.9%	6.0%
33	MLM	Martin Marietta Materials, Inc.	Construction Materials	\$23,522	5/4/21	1.6%	309 bp	98.8%	1.3%	68		IR Emerson Electric Co.	Electrical Components	. ,	5/5/21	1.8%	102 bp	8.3%	5.2%
34	PXD	Pioneer Natural Resources Compa	•	\$34,183	5/4/21	-9.6%	303 bp	19.4%	-0.2%	69		TV Aptiv PLC	Auto Parts & Equipmer	. ,	5/6/21	8.1%	98 bp	31.4%	0.6%
35	XRAY	DENTSPLY SIRONA, Inc.	Health Care Supplies	\$14,584	5/6/21	8.7%	303 bp	28.5%	0.3%	70	Н١	VM Howmet Aerospace Inc.	Aerospace & Defense	\$14,072	5/6/21	-2.6%	92 bp	11.1%	1.8%

Source: FSInsight, FactSet, Bloomberg.

(1) Compares the actual reported result to the consensus estimate. The date used for estimates is 30 calendar days prior to the company's report date.



Disclosures

This research is for the clients of FS Insight only. For additional information, please contact us via phone at +1-212-293-7140 or via email at inquiry@fsinsight.com.

Conflicts of Interest

This research contains the views, opinions and recommendations of FS Insight. At the time of publication of this report, FS Insight does not know of, or have reason to know of any material conflicts of interest.

General Disclosures

FS Insight is an independent research company and is not a registered investment advisor and is not acting as a broker dealer under any federal or state securities laws.

FS Insight is a member of IRC Securities' Research Prime Services Platform. IRC Securities is a FINRA registered broker-dealer that is focused on supporting the independent research industry. Certain personnel of FS Insight (i.e. Research Analysts) are registered representatives of IRC Securities, a FINRA member firm registered as a broker-dealer with the Securities and Exchange Commission and certain state securities regulators. As registered representatives and independent contractors of IRC Securities, such personnel may receive commissions paid to or shared with IRC Securities for transactions placed by FS Insight clients directly with IRC Securities or with securities firms that may share commissions with IRC Securities in accordance with applicable SEC and FINRA requirements. IRC Securities does not distribute the research of FS Insight, which is available to select institutional clients that have engaged FS Insight.

As registered representatives of IRC Securities our analysts must follow IRC Securities' Written Supervisory Procedures. Notable compliance policies include (1) prohibition of insider trading or the facilitation thereof, (2) maintaining client confidentiality, (3) archival of electronic communications, and (4) appropriate use of electronic communications, amongst other compliance related policies.

FS Insight does not have the same conflicts that traditional sell-side research organizations have because FS Insight (1) does not conduct any investment banking activities, (2) does not manage any investment funds, and (3) our clients are only institutional investors.

This research is for the clients of FS Insight only. Additional information is available upon request. Information has been obtained from sources believed to be reliable but FS Insight does not warrant its completeness or accuracy except with respect to any disclosures relative to FS Insight and the analyst's involvement (if any) with any of the subject companies of the research. All pricing is as of the market close for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, risk tolerance, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies. The recipient of this report must make its own independent decision regarding any securities or financial instruments mentioned herein. Except in circumstances where FS Insight expressly agrees otherwise in writing, FS Insight is not acting as a municipal advisor and the opinions or views contained herein are not intended to be, and do not constitute, advice, including within the meaning of Section 15B of the Securities Exchange Act of 1934. All research reports are disseminated and available to all clients simultaneously through electronic publication to our internal client website, FS Insight .com. Not all research content is redistributed to our clients or made available to third-party aggregators or the media. Please contact your sales representative if you would like to receive any of our research publications.

Copyright 2021 FS Insight LLC. All rights reserved. No part of this material may be reprinted, sold or redistributed without the prior written consent of FS Insight LLC.