

InsiderInsights Ratings of Companies with Open-Market Form 4 Purchases & Sales Filed at the SEC on the date above.

Sorted by: Insider Rating, then Total Transaction Value.

See last page for the Key to Ratings, Titles & Transaction Type codes.

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Ratings of Latest Insider Purchases

Insider Rating*	Rating Date	Company	Ticker	Trans Type(s)*	Total Purch Value	Shares Bought	# Insiders - Title(s)*	Latest Trans Date	Ave. Purch Price	Recent Price	Mkt Cap (mm)	10-Day Ave Vol (m)		
●●●○	+2	8/14/19	CIT	CIT	B	\$546,962	12,930	3	CFO,DIR,PR,VP	8/15/19	\$42.30	\$45.56	4,363	670
●●○○	+1	8/15/19	Symantec	SYMC	JB*,B	\$120,834,228	5,325,814	1	DIR	8/14/19	\$22.69	\$22.99	14,154	10,024
●●○○	+1	8/12/19	GTT Comms	GTT	B	\$9,824,609	1,077,500	3	BO,DIR	8/14/19	\$9.12	\$6.71	340	768
●●○○	+1	6/17/19	PBF Energy	PBF	JB*	\$7,524,239	335,000	1	BO	8/14/19	\$22.46	\$22.91	2,761	2,299
●●○○	+1	8/13/19	General Electric	GE	B	\$2,085,246	262,200	2	CB,CEO,DIR	8/15/19	\$7.95	\$9.15	82,820	54,024
●●○○	+1	7/2/19	Conifer	CNFR	B	\$1,074,383	286,502	2	BO,DIR	8/14/19	\$3.75	\$3.68	32	6
●●○○	+1	8/5/19	Mylan NV	MYL	B,JB*	\$642,539	34,000	1	DIR	8/14/19	\$18.90	\$19.48	9,848	8,724
●●○○	+1	7/30/19	Otelco	OTEL	B	\$514,542	44,993	1	BO	8/15/19	\$11.44	\$14.95	51	8
●●○○	+1	8/12/19	Wright Medical NV	WMGI	B	\$313,050	15,000	1	DIR	8/15/19	\$20.87	\$21.58	2,775	1,992
●●○○	+1	8/15/19	Camping World	CWH	B	\$297,000	36,000	1	CFO,SEC	8/14/19	\$8.25	\$8.91	766	832
●●○○	+1	8/12/19	Sarepta Therap	SRPT	OB	\$241,232	9,754	1	CFO,VP	8/15/19	\$24.73	\$126.11	9,861	1,262
●●○○	+1	8/7/19	Williams	WMB	B	\$232,191	10,000	1	DIR	8/14/19	\$23.22	\$23.99	29,125	8,011
●●○○	+1	8/14/19	Allegheny Tech	ATI	JB*,B	\$203,588	11,400	5	CCO,DIR,GC,SEC,VP	8/14/19	\$17.86	\$18.37	2,496	1,637
●●○○	+1	8/15/19	Occidental Petrol	OXY	B	\$151,325	3,500	2	CFO,DIR,VP	8/14/19	\$43.24	\$47.13	35,270	10,366
●●○○	+1	8/9/19	Athenex	ATNX	B	\$149,000	10,000	1	BO,CB,CEO,DIR	8/15/19	\$14.90	\$14.32	1,187	761
●●○○	+1	8/8/19	Matador Res Co	MTDR	B	\$113,120	8,000	1	CB,CEO,DIR	8/14/19	\$14.14	\$15.35	1,768	2,829
●●○○	+1	8/15/19	Party Cityco	PRTY	B	\$100,359	24,300	1	CFO	8/15/19	\$4.13	\$4.74	436	1,948
●●○○	+1	8/2/19	Ares Cap	ARCC	B	\$99,929	5,425	1	DIR	8/14/19	\$18.42	\$18.59	7,946	1,747
●●○○	+1	8/12/19	TherapMD	TXMD	B	\$98,900	35,000	1	DIR	8/15/19	\$2.83	\$3.10	637	3,834
●●○○	+1	7/15/19	W&T offshore	WTI	B	\$94,088	22,563	1	BO,CB,CEO,DIR,PR	8/15/19	\$4.17	\$4.63	647	2,492
●●○○	+1	8/8/19	California Res	CRC	B	\$90,260	10,000	1	DIR	8/15/19	\$9.03	\$10.15	506	2,328
●●○○	+1	8/15/19	Granite Construction	GVA	B	\$80,550	3,000	1	CEO,DIR,PR	8/15/19	\$26.85	\$28.46	1,400	481
●●○○	+1	8/13/19	AxoGen	AXGN	B	\$52,389	4,000	1	DIR	8/9/19	\$13.10	\$13.38	514	537
●●○○	+1	8/13/19	Ocwen Finl	OCN	B	\$50,625	33,750	1	CFO,VP	8/14/19	\$1.50	\$1.53	171	408
●●○○	+1	8/15/19	QEP Res	QEP	B	\$38,000	10,000	1	DIR	8/15/19	\$3.80	\$4.18	974	6,136
●●○○	+1	8/1/19	Comfort Sys USA	FIX	B	\$37,470	1,000	1	CFO	8/14/19	\$37.47	\$40.30	1,504	283
●●○○	+1	8/5/19	Turning Point Brands	TPB	B	\$36,450	1,000	1	DIR	8/14/19	\$36.45	\$38.17	765	229
●●○○	+1	8/12/19	Bank of Commerce	BOCH	B	\$29,970	3,000	1	CFO,VP	8/14/19	\$9.99	\$10.23	188	26
●○○○	+0.5	8/15/19	Tenet Healthcare	THC	JB*,B	\$28,583,166	1,441,205	1	BO	8/15/19	\$19.83	\$21.24	2,237	1,683
●○○○	+0.5	8/15/19	Capri	CPRI	B	\$9,976,685	363,000	1	CB,CEO,DIR	8/15/19	\$27.48	\$31.00	4,934	3,069
●○○○	+0.5	6/26/19	Safehold	SAFE	B	\$2,281,805	80,000	1	BO	8/15/19	\$28.52	\$29.21	895	115
●○○○	+0.5	8/15/19	Kontoor Brands	KTB	B	\$531,163	17,400	2	DIR	8/15/19	\$30.53	\$34.34	1,925	1,539
●○○○	+0.5	8/15/19	CASI Pharm	CASI	B	\$507,200	160,000	1	BO,CEO,DIR	8/14/19	\$3.17	\$3.02	295	151
●○○○	+0.5	8/15/19	Eastman Kodak	KODK	B	\$287,800	140,000	2	CB,DIR	8/15/19	\$2.06	\$2.25	107	206
●○○○	+0.5	8/15/19	Gran Tierra Energy	GTE	B	\$265,483	185,000	1	DIR	8/13/19	\$1.44	\$1.47	564	2,319
●○○○	+0.5	8/15/19	AmeriCold Rlty Tr	COLD	B	\$209,778	6,000	1	DIR	8/14/19	\$34.96	\$35.37	6,608	2,378
●○○○	+0.5	8/15/19	Hallmark Finl Svs	HALL	B	\$106,490	6,500	1	CEO,PR	8/14/19	\$16.38	\$15.34	281	84
●○○○	+0.5	8/15/19	Reeds	REED	B	\$103,809	46,240	1	DIR	8/15/19	\$2.25	\$3.02	101	85
●○○○	+0.5	8/14/19	Element Solutions	ESI	B	\$90,000	10,000	1	GC,SEC,VP	8/14/19	\$9.00	\$9.58	2,469	2,353
●○○○	+0.5	8/15/19	Akorn	AKRX	B	\$52,000	20,000	1	DIR	8/15/19	\$2.60	\$3.00	400	1,624
●○○○	+0.5	8/2/19	Esquire Finl	ESQ	B	\$22,896	1,000	1	DIR	8/14/19	\$22.90	\$22.96	183	11
○○○○	+0	8/14/19	Bjs Rest	BJRI	B	\$575,478	17,400	2	CEO,DIR,PR	8/15/19	\$33.07	\$37.44	786	571
○○○○	+0	8/15/19	Nicholas Finl	NICK	JB*	\$510,200	61,615	1	BO	8/15/19	\$8.28	\$8.22	66	8
○○○○	+0	8/14/19	Pico	PICO	JB*,B	\$474,342	50,000	1	DIR	8/14/19	\$9.49	\$9.71	199	78
○○○○	+0	8/15/19	Harsco	HSC	B	\$418,250	25,000	1	CB,CEO,DIR,PR	8/14/19	\$16.73	\$18.39	1,554	699

* See last page for the Key to Ratings, Titles & Transaction Type codes.

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Ratings of Latest Insider Purchases

Insider Rating*	Rating Date	Company	Ticker	Trans Type(s)*	Total Purch Value	Shares Bought	# Insiders - Title(s)*	Latest Trans Date	Ave. Purch Price	Recent Price	Mkt Cap (mm)	10-Day Ave Vol (m)	
○○○	+0	8/15/19	B Riley Finl	RILY	JB*	\$406,891	20,000	1 BO,CB,CEO,DIR	8/14/19	\$20.34	\$20.77	554	46
○○○	+0	8/15/19	Blackrock Cap Inv	BKCC	B	\$259,590	50,000	1 DIR	8/14/19	\$5.19	\$5.44	382	329
○○○	+0	8/15/19	Chart Ind	GTLS	B	\$203,261	3,403	1 DIR	8/15/19	\$59.73	\$61.87	2,292	570
○○○	+0	8/15/19	Granite Point Mort Tr	GPMT	B	\$196,723	10,600	1 COO	8/13/19	\$18.56	\$18.68	1,025	417
○○○	+0	8/15/19	Texas Pacific Land Tr	TPL	B	\$120,508	188	1 BO	8/14/19	\$641.00	\$680.15	5,235	13
○○○	+0	8/15/19	Core LABS NV	CLB	B	\$116,000	3,000	1 DIR	8/14/19	\$38.67	\$39.82	1,808	728
○○○	+0	8/15/19	Boingo Wireless	WIFI	B	\$110,000	10,000	1 CEO,DIR	8/15/19	\$11.00	\$12.90	566	697
○○○	+0	8/13/19	Brighthouse Finl	BHF	B	\$102,531	3,000	1 SO,VP	8/14/19	\$34.18	\$34.76	4,160	1,217
○○○	+0	8/8/19	Hanesbrands	HBI	B	\$99,178	7,100	1 GC,SEC	8/14/19	\$13.97	\$15.07	5,420	4,818
○○○	+0	8/15/19	SunCoke Energy	SXC	B	\$94,406	15,974	1 DIR	8/14/19	\$5.91	\$6.32	594	1,264
○○○	+0	8/9/19	NCS Multistage	NCSM	B	\$87,450	42,500	1 DIR	8/15/19	\$2.06	\$2.28	106	99
○○○	+0	8/15/19	Freedom Leaf	FRLF	JB*	\$82,985	575,000	1 O	8/14/19	\$0.14	\$0.13	42	325
○○○	+0	6/27/19	SMTC	SMTX	B	\$67,468	20,000	1 CEO,DIR,PR	8/14/19	\$3.37	\$3.47	111	72
○○○	+0	8/15/19	Two Harbors Inv	TWO	B	\$65,548	5,000	1 CEO,DIR,PR	8/14/19	\$13.11	\$13.48	3,697	3,151
○○○	+0	8/15/19	Altus Midstream Co	ALTM	B	\$64,576	25,000	1 CEO,DIR	8/14/19	\$2.58	\$2.78	920	1,032
○○○	+0	8/15/19	Providence Svc	PRSC	JB*	\$57,970	1,000	1 CEO	8/13/19	\$57.97	\$54.89	710	63
○○○	+0	8/12/19	FS KKR Cap	FSK	B	\$56,500	10,000	1 FO	8/14/19	\$5.65	\$5.81	3,084	1,782
○○○	+0	6/4/19	Tiptree	TIPT	JB*	\$52,198	7,982	1 BO,CB,DIR	8/14/19	\$6.54	\$6.51	227	22
○○○	+0	8/15/19	Clovis Oncology	CLVS	B	\$50,232	9,200	1 DIR	8/14/19	\$5.46	\$5.68	319	2,480
○○○	+0	8/15/19	Aqua Amer	WTR	B	\$49,983	1,153	1 DIR	8/15/19	\$43.35	\$43.04	9,163	1,098
○○○	+0	8/12/19	Luxfer PLC	LXFR	B	\$48,750	3,000	1 DIR	8/14/19	\$16.25	\$15.87	436	278
○○○	+0	8/15/19	Third Pnt Reinsur	TPRE	B	\$48,336	5,000	1 CEO	8/14/19	\$9.67	\$10.00	954	547
○○○	+0	8/7/19	Horizon Tech Finance	HRZN	B	\$42,000	3,500	1 DIR,PR	8/14/19	\$12.00	\$12.13	164	68
○○○	+0	8/15/19	First Tr Dynamic Europ	FDEU	B	\$39,018	3,000	1 DIR,FO	8/14/19	\$13.01	\$13.59	231	63
○○○	+0	8/15/19	Retractable Tech	RVP	AB	\$34,705	46,500	1 BO,CEO,DIR,PR	8/15/19	\$0.75	\$0.74	24	79
○○○	+0	8/7/19	GlycoMimetics	GLYC	B	\$31,800	10,000	1 DIR	8/13/19	\$3.18	\$3.17	140	837
○○○	+0	8/15/19	UMH Prop	UMH	B	\$29,500	2,500	1 DIR	8/14/19	\$11.80	\$12.35	513	170
○○○	+0	8/15/19	Aileron Therap	ALRN	B	\$29,025	45,000	1 VP	8/13/19	\$0.65	\$0.52	14	293
○○○	+0	6/3/19	IES	IESC	B	\$28,024	1,476	1 CEO,DIR	8/14/19	\$18.99	\$18.90	402	29
○○○	+0	8/15/19	Motorcar Parts of Amer	MPAA	JB*	\$27,620	1,750	2 CB,CEO,DIR,PR	8/13/19	\$15.78	\$15.75	308	161
○○○	+0	6/14/19	AllianceBern Natnl Muni AFB		B	\$24,993	1,810	1 DIR	8/15/19	\$13.81	\$13.72	395	58
○○○	+0	8/14/19	Entercom Comms	ETM	B	\$24,695	7,000	1 DIR	8/14/19	\$3.53	\$3.54	492	1,350
○○○	+0	8/12/19	Kezar Life Sciences	KZR	B	\$23,040	5,000	1 DIR,PR	8/13/19	\$4.61	\$4.88	89	125
○○○	+0	8/15/19	Panhandle Oil & Gas	PHX	B	\$22,415	2,000	1 BD,VP	8/14/19	\$11.21	\$11.49	187	38
○○○	0	7/22/19	Sunrun	RUN	JB*	\$11,312,575	728,798	1 BO	8/14/19	\$15.52	\$16.36	2,158	1,845
○○○	0	8/15/19	Mid-Am Apt Com	MAA	OE*	\$1,225,383	15,052	1 DIR	8/14/19	\$81.41	\$123.78	14,037	560
○○○	0	8/5/19	Lakeland Finl	LKFN	B	\$425,100	10,000	1 DIR	8/14/19	\$42.51	\$42.87	1,099	76
○○○	0	8/14/19	Viewray	VRAY	B	\$241,200	60,000	1 COO	8/14/19	\$4.02	\$3.10	654	1,406
○○○	0	8/14/19	Chemed	CHE	OE*	\$213,180	2,000	1 DIR,VP	8/15/19	\$106.59	\$431.63	6,800	112
○○○	0	8/15/19	Carrols Restaurant	TAST	JB*	\$201,920	26,515	2 BO,DIR	8/13/19	\$7.62	\$8.24	346	374
○○○	0	8/15/19	LendingClub	LC	B	\$194,926	14,000	1 PR	8/14/19	\$13.92	\$15.24	1,339	753
○○○	0	8/15/19	HCA Healthcare	HCA	OE*	\$181,200	4,000	1 VP	8/13/19	\$45.30	\$127.50	43,175	1,702
○○○	0	8/15/19	Stryker	SYK	OE*	\$132,725	2,500	1 DIR	8/14/19	\$53.09	\$218.74	81,476	1,091
○○○	0	8/15/19	Green Plains	GPRE	B	\$107,250	15,000	1 DIR	8/15/19	\$7.15	\$8.41	363	826
○○○	0	8/15/19	Synchronoss Tech	SNCR	OB	\$38,908	7,100	1 DIR	8/13/19	\$5.48	\$8.87	381	408
○○○	0	8/15/19	Coca-Cola Co	KO	B	\$26,618	500	1 HR,VP	8/13/19	\$53.24	\$53.42	229,580	13,274

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Ratings of Latest Insider Sales

Insider Rating*	Rating Date	Company	Ticker	Trans Type(s)*	Total Sale Value	Shares Sold	# Insiders - Title(s)*	Latest Trans Date	Ave. Sale Price	Recent Price	Mkt Cap (mm)	10-Day Ave Vol (m)	
●○○○	-0.5	8/15/19	United States Cellular	USM	AS	\$1,043,273	30,000	1 CEO,DIR,PR	8/14/19	\$34.78	\$35.81	3,205	350
●○○○	-0.5	8/15/19	Tripadvisor	TRIP	JS*	\$137,137	3,409	1 PR	8/13/19	\$40.23	\$42.68	6,014	1,850
○○○○	-0	8/12/19	Silk Road Medical	SILK	JS*	\$49,770,000	1,260,000	2 BO	8/13/19	\$39.50	\$40.36	1,240	520
○○○○	-0	8/15/19	RealPage	RP	AS	\$23,927,318	400,000	2 BO,CB,CEO,DIR,PR	8/14/19	\$59.82	\$61.81	5,853	900
○○○○	-0	8/14/19	Paylocity	PCTY	AS	\$20,670,779	205,086	2 BO,CEO,DIR	8/14/19	\$100.79	\$110.66	5,371	400
○○○○	-0	8/15/19	Air Lease	AL	OS	\$19,695,957	510,568	1 CB,DIR	8/15/19	\$38.58	\$40.11	4,464	990
○○○○	-0	5/22/19	Principia Biopharma	PRNB	JS*	\$10,500,000	300,000	1 BO	8/13/19	\$35.00	\$40.66	855	80
○○○○	-0	8/12/19	Carvana Co	CVNA	AS	\$9,606,400	120,000	4 CFO,COO,O	8/13/19	\$80.05	\$78.10	10,954	2,260
○○○○	-0	5/17/19	Activision Blizzard	ATVI	OS	\$9,351,642	195,398	2 AO,HR	8/13/19	\$47.86	\$48.06	37,787	8,420
○○○○	-0	7/1/19	Dell Tech	DELL	OS	\$7,470,334	150,000	1 O	8/13/19	\$49.80	\$50.43	36,883	3,470
○○○○	-0	7/17/19	CDW	CDW	OS	\$7,072,033	62,222	1 DIR	8/13/19	\$113.66	\$114.73	16,309	990
○○○○	-0	7/25/19	Cardlytics	CDLX	S	\$5,872,537	174,230	1 DIR	8/14/19	\$33.71	\$32.90	743	350
○○○○	-0	8/5/19	J & J Snack Foods	JJSF	OS	\$5,650,050	30,000	4 DIR,PR,VP	8/14/19	\$188.34	\$186.43	3,507	130
○○○○	-0	8/15/19	Walker & Dunlop	WD	S	\$5,648,210	100,389	2 CB,CEO,CFO,DIR,VP	8/14/19	\$56.26	\$57.63	1,764	120
○○○○	-0	8/15/19	Service Intl	SCI	OS	\$5,114,222	108,099	1 CB,CEO,DIR,PR	8/15/19	\$47.31	\$47.10	8,556	1,050
○○○○	-0	8/15/19	Zimmer Biomet	ZBH	JS*	\$4,592,000	32,800	1 GC,SEC,VP	8/13/19	\$140.00	\$138.31	28,524	1,520
○○○○	-0	6/18/19	Floor & Decor	FND	OS	\$4,421,476	99,206	1 CFO,VP	8/13/19	\$44.57	\$42.00	4,227	1,920
○○○○	-0	7/17/19	Colgate-Palmolive	CL	OS	\$3,798,612	53,491	2 CT,CTO,VP	8/13/19	\$71.01	\$71.52	61,528	4,330
○○○○	-0	8/15/19	Broadridge Finl	BR	OS	\$3,189,649	25,260	1 DIR	8/15/19	\$126.27	\$125.75	14,426	780
○○○○	-0	5/22/19	Proofpoint	PFPT	AS	\$2,628,156	22,500	2 CEO,DIR,SO,VP	8/13/19	\$116.81	\$117.55	6,686	440
○○○○	-0	8/5/19	Scotts Miracle-Gro	SMG	JS*	\$2,258,783	20,218	3 DIR	8/13/19	\$111.72	\$109.85	6,119	940
○○○○	-0	6/24/19	salesforcecom	CRM	AS,OS	\$2,232,005	15,827	3 CB,CEO,DIR,GC,LO,PR	8/15/19	\$141.03	\$143.37	125,878	10,090
○○○○	-0	8/6/19	Vertex Pharm	VRTX	AS	\$1,850,000	10,000	1 DIR	8/13/19	\$185.00	\$182.98	47,022	1,690
○○○○	-0	8/15/19	Carbon Black	CBLK	OS	\$1,849,821	80,427	1 O	8/13/19	\$23.00	\$21.78	1,375	1,160
○○○○	-0	8/15/19	Argo Intl	ARGO	OS	\$1,849,548	26,911	2 CFO,DIR	8/13/19	\$68.73	\$67.88	2,320	170
○○○○	-0	7/17/19	Roku	ROKU	AS	\$1,653,027	12,000	1 GC,SEC,VP	8/13/19	\$137.75	\$125.32	13,841	10,520
○○○○	-0	7/5/19	Morningstar	MORN	AS	\$1,612,843	10,451	1 BO,CB,DIR	8/14/19	\$154.32	\$154.86	6,576	80
○○○○	-0	8/12/19	US Physical Therap	USPH	S	\$1,346,850	10,000	2 COO,DIR	8/14/19	\$134.69	\$131.37	1,708	110
○○○○	-0	6/18/19	Qorvo	QRVO	JS*,AS	\$1,299,563	18,292	2 CEO,DIR,PR	8/13/19	\$71.05	\$69.49	8,507	1,660
○○○○	-0	7/11/19	Square	SQ	AS	\$1,237,200	20,000	1 O	8/13/19	\$61.86	\$65.01	28,306	14,230
○○○○	-0	8/15/19	Sothebys	BID	S	\$1,223,754	21,000	1 DIR	8/14/19	\$58.27	\$58.63	2,756	390
○○○○	-0	7/18/19	Sailpoint Tech	SAIL	AS	\$1,184,400	56,000	1 CEO,DIR,PR	8/15/19	\$21.15	\$22.25	2,024	2,310
○○○○	-0	8/15/19	Genesee & Wyoming	GWR	OS	\$1,131,319	10,309	2 CFO,GC,SEC	8/13/19	\$109.74	\$109.76	6,257	1,420
○○○○	-0	5/31/19	Arch Cap	ACGL	S	\$986,743	25,000	1 FO,VP	8/13/19	\$39.47	\$39.39	15,977	1,650
○○○○	-0	7/12/19	Illumina	ILMN	AS	\$951,588	3,300	1 DIR	8/14/19	\$288.36	\$294.00	43,871	1,230
○○○○	-0	8/1/19	Chubb	CB	S	\$948,900	6,000	1 VCB	8/13/19	\$158.15	\$159.62	71,908	2,050
○○○○	-0	8/5/19	Alexandria RE Equities	ARE	S	\$864,000	6,000	1 VP	8/13/19	\$144.00	\$145.32	16,610	670
○○○○	-0	7/17/19	Zoetis	ZTS	OS	\$756,258	6,123	1 VP	8/14/19	\$123.51	\$125.07	59,406	2,350
○○○○	-0	8/13/19	Athene	ATH	AS	\$741,043	19,500	1 O	8/14/19	\$38.00	\$39.85	7,259	1,750
○○○○	-0	6/6/19	Entergy	ETR	OS	\$729,000	6,750	1 VP	8/12/19	\$108.00	\$107.43	21,283	1,410
○○○○	-0	8/8/19	Hess	HES	S	\$694,731	11,258	1 VP	8/13/19	\$61.71	\$60.62	18,375	3,760
○○○○	-0	8/9/19	Appian	APPN	AS	\$594,723	11,000	2 DIR	8/13/19	\$54.07	\$51.45	2,798	780
○○○○	-0	8/15/19	Trueblue	TBI	S	\$590,868	30,000	1 DIR	8/14/19	\$19.70	\$19.84	815	390
○○○○	-0	7/9/19	Jack in the Box	JACK	OS,AS	\$588,600	6,540	3 CB,CEO,DIR,IR,SEC,VF	8/14/19	\$90.00	\$87.62	2,245	850
○○○○	-0	7/2/19	Citrix Sys	CTXS	S	\$523,356	5,726	1 DIR	8/14/19	\$91.40	\$91.98	12,167	2,740
○○○○	-0	7/26/19	Yum! Brands	YUM	OS	\$510,428	4,393	2 GC,PR,SEC	8/15/19	\$116.19	\$119.02	35,897	1,840
○○○○	-0	7/30/19	Enova Intl	ENVA	AS	\$449,998	17,924	1 CEO,DIR,PR	8/14/19	\$25.11	\$26.30	899	360
○○○○	-0	5/30/19	KEMET	KEM	S	\$398,565	22,500	1 VP	8/15/19	\$17.71	\$19.45	1,159	1,240
○○○○	-0	8/7/19	LPL Finl	LPLA	OS	\$358,350	5,000	1 MD	8/13/19	\$71.67	\$75.19	6,279	730
○○○○	-0	8/15/19	ICU Medical	ICUI	AS	\$343,244	2,078	1 DIR	8/15/19	\$165.18	\$166.89	3,380	440

* See last page for the Key to Ratings, Titles & Transaction Type codes.

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Ratings of Latest Insider Sales (Continued)

Insider Rating*	Rating Date	Company	Ticker	Trans Type(s)*	Total Sale Value	Shares Sold	# Insiders - Title(s)*	Latest Trans Date	Ave. Sale Price	Recent Price	Mkt Cap (mm)	10-Day Ave Vol (m)	
○○○	-0	8/9/19	Steris PLC	STE	OS	\$316,255	2,065	1 TR,VP	8/14/19	\$153.15	\$153.94	13,074	450
○○○	-0	7/12/19	IMPINJ	PI	JS*	\$308,070	8,470	1 DIR	8/13/19	\$36.37	\$36.81	819	580
○○○	-0	8/12/19	Lumentum	LITE	JS*	\$288,083	4,811	1 CAO	8/13/19	\$59.88	\$59.71	4,633	1,890
○○○	-0	8/15/19	TTEC	TTEC	JS*	\$278,522	5,926	1 VP	8/13/19	\$47.00	\$45.73	2,163	100
○○○	-0	8/14/19	Royal Gold	RGLD	JS*	\$271,668	2,173	1 OO,VP	8/13/19	\$125.02	\$129.03	8,295	660
○○○	-0	6/6/19	Owens Corning	OC	JS*	\$261,321	4,773	2 DIR,GC,VP	8/13/19	\$54.75	\$54.08	6,017	1,200
○○○	-0	7/15/19	Insperity	NSP	S	\$248,710	2,618	1 SO,VP	8/13/19	\$95.00	\$94.90	4,001	920
○○○	-0	5/16/19	Regency Centers	REG	S	\$228,025	3,500	1 CIO,VP	8/14/19	\$65.15	\$64.98	10,989	910
○○○	-0	8/15/19	Actuant	ATU	OS	\$227,514	10,720	1 DIR	8/15/19	\$21.22	\$21.75	1,356	340
○○○	-0	7/12/19	Amphastar Pharm	AMPH	OS	\$207,781	10,000	1 DIR	8/13/19	\$20.78	\$20.64	992	180
○○○	-0	8/15/19	ACCO Brands	ACCO	S	\$189,782	19,977	1 HR,VP	8/15/19	\$9.50	\$9.36	938	920
○○○	-0	8/13/19	Hartford Finl Svs	HIG	S	\$177,051	3,000	1 DIR	8/13/19	\$59.02	\$58.60	21,225	2,250
○○○	-0	8/6/19	NiSource	NI	S	\$174,084	6,000	1 DIR	8/14/19	\$29.01	\$28.57	10,752	5,170
○○○	-0	8/15/19	World Acceptance	WRLD	AS	\$172,935	1,281	1 TO,VP	8/13/19	\$135.00	\$132.98	1,208	150
○○○	-0	7/15/19	Natl Health Investors	NHI	JS*	\$164,293	2,000	1 FO	8/14/19	\$82.15	\$82.19	3,508	180
○○○	-0	6/21/19	BioLife Solutions	BLFS	OS	\$153,630	9,000	1 CEO,DIR,PR	8/13/19	\$17.07	\$17.00	349	180
○○○	-0	8/15/19	Kaiser Aluminum	KALU	AS,S	\$152,600	1,600	2 DIR,IR,VP	8/13/19	\$95.38	\$93.88	1,509	150
○○○	-0	8/12/19	Exponent	EXPO	S	\$140,170	2,000	1 VP	8/13/19	\$70.09	\$69.97	3,669	230
○○○	-0	6/13/19	Sotherly Hotels	SOHO	JS*	\$129,983	19,126	1 CEO,DIR	8/14/19	\$6.80	\$6.95	99	30
○○○	-0	8/15/19	Silicon LABS	SLAB	AS	\$103,350	1,000	1 DIR	8/15/19	\$103.35	\$105.33	4,692	320
○○○	-0	5/21/19	Brandywine Rlty Tr	BDN	S	\$98,872	6,800	1 DIR	8/13/19	\$14.54	\$14.65	2,627	1,780
○○○	-0	8/2/19	ViaSat	VSAT	OS	\$98,850	1,250	1 DIR	8/14/19	\$79.08	\$79.00	4,766	520
○○○	-0	8/13/19	Adesto Tech	IOTS	S	\$80,775	7,500	1 CTO	8/14/19	\$10.77	\$9.88	299	430
○○○	-0	8/15/19	Axon Enterprise	AAXN	S	\$78,683	1,360	1 DIR	8/14/19	\$57.86	\$58.09	4,045	1,050
○○○	-0	8/15/19	Innovative Solutions	ISSC	S	\$71,796	14,133	1 DIR	8/14/19	\$5.08	\$5.39	87	50
○○○	-0	8/5/19	F5 Networks	FFIV	AS,S	\$69,275	520	1 VP	8/13/19	\$133.22	\$133.44	8,263	730
○○○	-0	8/15/19	Horace Mann Educators	HMN	S	\$66,474	1,500	1 CT,VP	8/13/19	\$44.32	\$43.94	1,815	170
○○○	-0	8/12/19	Ferro	FOE	AS	\$57,825	5,000	1 CFO	8/14/19	\$11.57	\$12.00	1,037	940
○○○	-0	8/15/19	Peapack-Gladstone Fin	PGC	AS	\$54,021	2,000	1 PR,VP	8/14/19	\$27.01	\$27.19	526	80
○○○	-0	8/7/19	Heritage-Crystal Clean	HCCI	S	\$50,100	2,000	1 VP	8/14/19	\$25.05	\$26.25	624	50
○○○	-0	8/15/19	Kelly Svs	KELYA	S	\$48,910	1,784	1 SEC	8/14/19	\$27.42	\$28.30	1,110	210
○○○	-0	8/15/19	Cognex	CGNX	S	\$40,500	900	1 DIR	8/13/19	\$45.00	\$43.77	7,601	1,750
○○○	-0	7/26/19	Innodata	INOD	S	\$38,569	29,497	1 BO	8/14/19	\$1.31	\$1.25	31	30
○○○	-0	5/21/19	Vanda Pharm	VNDA	S	\$37,829	2,575	1 GC,VP	8/14/19	\$14.69	\$14.69	799	1,140
○○○	-0	8/15/19	LGL	LGL	JS*	\$37,021	4,024	1 CEO,DIR	8/13/19	\$9.20	\$9.07	45	20
○○○	-0	8/6/19	Fox Factory	FOXF	S	\$34,579	461	1 O	8/13/19	\$75.01	\$74.00	2,846	270
○○○	-0	8/15/19	Gabelli Global Ut & Inc	GLU	S	\$34,476	663	1 O	8/13/19	\$52.00	\$18.13	74	10
○○○	0	5/21/19	NVR	NVR	JS*	\$3,387,928	951	1 CFO	8/13/19	\$3,562	\$3,525	12,952	30
○○○	0	8/14/19	Telenav	TNAV	AS	\$1,981,133	193,572	1 PR	8/13/19	\$10.23	\$9.96	415	290
○○○	0	8/15/19	Green Plains	GPRE	S	\$1,672,298	216,342	1 BO	8/15/19	\$7.73	\$8.41	363	980
○○○	0	6/24/19	Fluidigm	FLDM	S	\$1,059,282	151,011	1 BO	8/13/19	\$7.01	\$6.98	456	1,350
○○○	0	8/9/19	Chevron	CVX	OS	\$980,000	8,000	1 VP	8/13/19	\$122.50	\$122.42	234,721	6,860
○○○	0	8/13/19	Ormat Tech	ORA	OS	\$542,250	7,500	1 DIR	8/13/19	\$72.30	\$71.23	3,639	190
○○○	0	8/7/19	Regional Mgt	RM	AS	\$287,271	10,256	1 DIR	8/13/19	\$28.01	\$27.44	314	60
○○○	0	8/6/19	Pool	POOL	S	\$285,800	1,429	1 CFO,VP	8/9/19	\$200.00	\$199.35	7,884	190
○○○	0	8/5/19	CorVel	CRVL	S	\$261,229	3,000	1 CB,DIR	8/15/19	\$87.08	\$87.15	1,616	130
○○○	0	8/13/19	Caesars Ent	CZR	S	\$197,226	17,240	1 CIO,VP	8/14/19	\$11.44	\$11.52	7,837	16,410
○○○	0	8/6/19	HA Sust Infr Cap	HASI	AS	\$135,050	5,000	1 VP	8/14/19	\$27.01	\$27.94	1,872	300
○○○	0	6/13/19	Discovery	DISCA	OS	\$92,623	3,068	1 GC	8/13/19	\$30.19	\$29.46	14,807	4,560
○○○	0	5/17/19	AutoNation	AN	S	\$37,084	767	1 COO,VP	8/13/19	\$48.35	\$47.68	4,315	740

* See last page for the Key to Ratings, Titles & Transaction Type codes.

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KEY FOR TRANSACTION TYPE CODES:

B = Open-Market Insider Buy.
 S = Open-Market Insider Sale.
 AB = Automatic Buy through the insider's 10b5-1 program.
 AS = Automatic Sale through the insider's 10b5-1 program
 JB* = Supposed Open-Market Acquisition done outside the price range or trading volume on the day.
 JS* = Supposed Open-Market Disposition done outside the price range or trading volume on the day.
 OB = Option Exercise that was not sold at all.
 OE* = Option Exercise that was only partially sold.
 OS* = Partial Sale of Exercised Options.
 OE = Option Exercise that was completely sold.
 OS = Complete Sale of Exercised Options.
 JB = Non Open-Market Acquisition (Transaction Price is often unrelated to market price on the day).
 JS = Non Open-Market Disposition (Transaction Price often unrelated to market price on the day).
 3 = Form 3 filing indicating new insider. New insiders must file a Form 3 whether or not they have any holdings in the company.

KEY FOR INSIDERINSIGHTS COMPANY RATINGS:

	+3 SIGNIFICANTLY BULLISH	<p>Interpreting our color-coded Ratings icons is straightforward: Green is Bullish; Red is Bearish.</p> <p>Some Significantly Bullish and Bearish Ratings are clearly stronger than others. Reasons for a Significant Rating garnering 2 or 3 colored icons instead of just one include: clusters of insiders acting similarly; insiders having very predictive track records (as per our Insider Statistics); large \$ value transactions, and trades resulting in large changes in holdings; transactions that represent reversals of opinion, and; many other proprietary metrics and behavioral factors.</p> <p>Despite computing and relaying different strengths of Significant insider signals, however, we do not purport that a +3 or -3 Significance Rating is three times more likely to be correct, or is more likely to result in a larger stock move.</p> <ul style="list-style-type: none"> ◆ Our back tests and experience indicate that the major alpha generation comes from the fact that a stock's insider activity has surpassed our calculated threshold of Significance. The strength of Significance is less important. ◆ It is further valid to consider stocks with Ratings that are merely Leaning Bullish or Bearish in your long and short analysis, as these Ratings have also proved to generate alpha, though less than Significant Ratings. ◆ Ratings should also be interpreted in concert with a stock's price action. It is normal behavior for insiders to buy when their stock has fallen in price, and sell when it rises sharply. So even an Insignificantly Bullish Rating on a stock that has doubled, or Insignificantly Bearish Rating on a stock that has halved in price imparts intelligence. ◆ Our Ratings are considered "active" for 3 months, or until replaced by another Rating.
	+2 SIGNIFICANTLY BULLISH	
	+1 SIGNIFICANTLY BULLISH	
	+0.5 LEANING BULLISH	
	+0 INSIGNIFICANTLY BULLISH	
	0 CONFLICTING PURCHASES & SALES	
	-0 INSIGNIFICANTLY BEARISH	
	-0.5 LEANING BEARISH	
	-1 SIGNIFICANTLY BEARISH	
	-2 SIGNIFICANTLY BEARISH	
	-3 SIGNIFICANTLY BEARISH	

	+200 Purchases During Corporate Action.	May occasionally relay arbitrage intelligence.
	+100 Purchases Related to IPO.	Value of investment intelligence is uncertain when stock is unseasoned.
	-100 Sales Related to IPO.	Value of investment intelligence is uncertain when stock is unseasoned.
	-200 Sales During Corporate Action.	May occasionally relay arbitrage intelligence.
	NR Not Yet Rated.	There has not been a combination of insider activity and other factors to warrant a Rating.

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