

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)	
●●●	+3	11/20/18	Platform Specialty Prod	PAH	B	\$533,400	50,000	1 GC,SEC,VP	12/18/18	\$10.67	\$10.91	3,146	2,671
●●●	+3	11/5/18	Encana	ECA	B	\$71,171	12,500	2 DIR	12/19/18	\$5.69	\$5.81	5,537	22,712
●●●	+2	12/19/18	New Mtn Finance	NMFC	B	\$2,517,671	200,805	3 COO,DIR,PR	12/17/18	\$12.54	\$12.84	977	298
●●●	+2	12/14/18	Koppers	KOP	B	\$1,038,500	60,000	2 CFO,TR,VP	12/18/18	\$17.31	\$16.39	336	267
●●●	+2	12/19/18	Flaherty & Crumrine Dy	DFP	B	\$100,000	5,000	1 A,CEO,DIR,PR	12/18/18	\$20.00	\$20.44	392	81
●●●	+2	11/7/18	CB Finl Svs	CBFV	B	\$56,813	2,250	1 DIR	12/18/18	\$25.25	\$25.45	138	7
●●●	+2	10/24/18	First Finl Banc	FFBC	B	\$23,940	1,000	1 DIR	12/19/18	\$23.94	\$25.00	2,448	380
●●○	+1	10/18/18	Intl Flavors & Frag	IFF	B	\$13,337,576	100,000	1 BO	12/17/18	\$133.38	\$135.50	14,447	1,219
●●○	+1	12/19/18	Repro-Med Sys	REPR	JB*,B	\$4,068,205	3,346,677	1 BO,DIR	12/17/18	\$1.22	\$1.47	56	25
●●○	+1	12/17/18	Barings BDC	BBDC	AB	\$628,479	68,600	1 BO,FO	12/19/18	\$9.16	\$9.60	492	388
●●○	+1	11/14/18	DISH Network	DISH	AB	\$603,000	20,000	1 DIR,VP	12/18/18	\$30.15	\$30.65	14,334	3,193
●●○	+1	11/28/18	Otelco	OTEL	B	\$451,610	28,300	1 BO	12/18/18	\$15.96	\$16.25	55	8
●●○	+1	11/21/18	Alpha & Omega Semi	AOSL	AB	\$401,037	40,252	1 BO,CEO,DIR	12/19/18	\$9.96	\$10.17	242	104
●●○	+1	11/19/18	XOMA	XOMA	B	\$354,793	25,000	1 BO	12/17/18	\$14.19	\$14.23	120	103
●●○	+1	11/23/18	US Concrete	USCR	B	\$348,500	10,000	1 DIR	12/17/18	\$34.85	\$33.73	567	514
●●○	+1	12/19/18	Forestar	FOR	B	\$328,750	25,000	1 DIR	12/18/18	\$13.15	\$13.49	566	75
●●○	+1	12/17/18	Sprott Focus Tr	FUND	B	\$295,631	50,000	1 BO,DIR	12/18/18	\$5.91	\$6.02	157	61
●●○	+1	12/19/18	H&E Equipment Svs	HEES	B	\$200,700	10,000	1 DIR	12/18/18	\$20.07	\$19.87	710	438
●●○	+1	12/19/18	First Commonwealth	FCF	B	\$97,917	8,000	1 DIR	12/18/18	\$12.24	\$12.35	1,228	681
●●○	+1	11/20/18	Oasis Midstream LP	OMP	B	\$85,550	5,000	1 DIR	12/19/18	\$17.11	\$19.43	535	78
●●○	+1	12/18/18	Huttig Building Prod	HBP	B	\$73,410	30,000	1 DIR	12/13/18	\$2.45	\$2.52	66	68
●●○	+1	12/19/18	Catalyst Pharm	CPRX	B	\$44,800	20,000	1 CEO,DIR,PR	12/19/18	\$2.24	\$2.34	240	2,005
●●○	+1	12/10/18	Centerstate Bank	CSFL	B	\$20,868	1,000	1 O	12/18/18	\$20.87	\$21.33	2,040	669
●○●	+0.5	12/19/18	Esperion Therap	ESPR	B	\$2,864,070	60,000	1 BO	12/17/18	\$47.73	\$47.97	1,286	770
●○●	+0.5	12/19/18	Astrotech	ASTC	OB	\$2,037,333	866,950	1 BO,CEO,DIR	12/7/18	\$2.35	\$3.52	14	453
●○●	+0.5	12/17/18	Hyster-Yale Materials	HY	AB	\$1,724,735	27,617	16 CB,DIR,O	12/18/18	\$62.45	\$61.64	1,021	50
●○●	+0.5	12/19/18	Dynasil of Amer	DYSL	JB*	\$1,450,000	1,450,000	1 CEO,DIR,PR	12/18/18	\$1.00	\$0.85	15	21
●○●	+0.5	12/19/18	Quanta Svs	PWR	B	\$998,923	34,060	2 CEO,CFO,COO,DIR,PR	12/19/18	\$29.33	\$30.27	4,435	1,492
●○●	+0.5	12/19/18	Eaton Vance	EV	B	\$348,862	10,000	1 DIR	12/18/18	\$34.89	\$34.95	4,087	918
●○●	+0.5	12/19/18	Nuveen AMT-Free Muni	NVG	B	\$139,874	10,300	1 O	12/17/18	\$13.58	\$13.77	2,789	566
●○●	+0.5	12/19/18	180 Degree Cap	TURN	B	\$46,250	25,000	1 CB,CEO,DIR	12/18/18	\$1.85	\$1.91	59	66
○●●	+0	11/19/18	Eagle Bulk Shipping	EGLE	B	\$3,786,246	831,610	1 BO	12/19/18	\$4.55	\$4.71	342	424
○●●	+0	12/14/18	Cumulus Media	CMLS	B	\$1,187,130	110,000	1 BO	12/17/18	\$10.79	\$10.75	177	17
○●●	+0	12/19/18	LCI Ind	LCII	B	\$948,600	15,000	1 DIR	12/17/18	\$63.24	\$62.51	1,576	220
○●●	+0	11/14/18	Stellus Cap Inv	SCM	B	\$467,220	37,000	1 CEO,DIR,PR	12/19/18	\$12.63	\$13.42	214	75
○●●	+0	12/19/18	Metlife	MET	B	\$249,865	6,400	1 DIR	12/17/18	\$39.04	\$38.89	38,378	7,386
○●●	+0	12/19/18	Genesis Energy LP	GEL	B	\$197,500	10,000	1 VP	12/18/18	\$19.75	\$21.42	2,625	602
○●●	+0	12/19/18	Caesars Ent	CZR	B	\$173,750	25,000	1 DIR	12/19/18	\$6.95	\$7.45	4,990	19,455
○●●	+0	12/17/18	Blue Hills Banc	BHBK	OB	\$154,024	10,947	1 CEO,PR	12/17/18	\$14.07	\$21.81	586	224
○●●	+0	12/19/18	Veru	VERU	B	\$146,160	100,000	1 O	12/18/18	\$1.46	\$1.35	84	89
○●●	+0	12/19/18	Lamar Advertising Co	LAMR	OB	\$109,500	6,000	1 DIR	12/18/18	\$18.25	\$70.70	7,035	508
○●●	+0	11/16/18	Portola Pharm	PTLA	OB	\$105,706	25,782	1 DIR	12/19/18	\$4.10	\$18.85	1,252	1,529
○●●	+0	12/11/18	Carters	CRI	AB	\$80,100	1,000	1 DIR	12/19/18	\$80.10	\$82.22	3,770	1,084
○●●	+0	12/19/18	Triple-S Mgt	GTS	B,JB*	\$74,760	4,683	1 CEO,PR	12/18/18	\$15.96	\$17.33	398	200
○●●	+0	12/19/18	Hawthorn Banc	HWBK	B	\$69,930	3,000	5 CEO,DIR,VP	12/19/18	\$23.31	\$23.31	141	10

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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 10/25/18	Citizens & Northern	CZNC	OE*	\$53,358	3,543	1 VP	12/18/18	\$15.06	\$25.40	312	12
○○○	+0 11/30/18	BlackRock Muni Yld NJ	MYJ	B	\$43,880	3,365	1 O	12/17/18	\$13.04	\$13.02	188	84
○○○	+0 12/19/18	Adaptimmune Therap	ADAP	JB*	\$39,715	47,280	1 DIR	12/17/18	\$0.84	\$5.16	540	640
○○○	+0 12/19/18	Home Banc	HBCP	B	\$36,440	1,000	1 DIR	12/13/18	\$36.44	\$35.16	333	12
○○○	+0 12/14/18	SeaChange Intl	SEAC	B	\$33,664	27,385	1 BO	12/18/18	\$1.23	\$1.34	48	227
○○○	+0 12/19/18	Blackrock Muniassets F	MUA	B	\$33,460	2,610	1 O	12/17/18	\$12.82	\$12.83	462	93
○○○	+0 12/19/18	BlackRock Mu Inc Tr II	BLE	B	\$31,211	2,446	1 O	12/17/18	\$12.76	\$12.80	301	96
○○○	+0 12/17/18	FlexShopper	FPAY	JB*	\$21,390	30,000	1 BO	12/18/18	\$0.71	\$0.73	13	696
○○○	0 11/14/18	Carvana Co	CVNA	B	\$21,321,946	630,000	1 BO	12/19/18	\$33.84	\$32.15	4,632	1,799
○○○	0 12/18/18	Monmouth RE Inv	MNR	JB*	\$164,000	12,529	1 O	12/17/18	\$13.09	\$13.76	1,260	717
○○○	0 12/19/18	HG	STLY	B	\$154,361	366,514	1 BO	12/19/18	\$0.42	\$0.41	6	20
○○○	0 11/8/18	Public Storage	PSA	OB	\$115,960	1,000	1 DIR	12/18/18	\$115.96	\$203.47	35,478	1,087
○○○	0 11/21/18	Harvest Cap Credit	HCAP	B	\$66,368	6,923	1 CEO,DIR	12/18/18	\$9.59	\$9.85	63	18
○○○	0 11/1/18	BorgWarner	BWA	B	\$49,927	1,421	1 DIR	12/19/18	\$35.14	\$34.63	7,213	2,588
○○○	0 12/19/18	General Finance	GFN	JB*	\$37,184	384	1 BO	12/18/18	\$96.83	\$9.81	297	111
---	+200 12/19/18	Endocyte	ECYT	OE*,OB	\$2,543,279	480,614	6 CAO,CEO,CFO,DIR,FO	12/17/18	\$5.29	\$23.84	1,957	2,982

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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)		
●●○	-2	12/19/18	Stitch Fix	SFIX	AS	\$649,160	33,673	2	BO,CEO,COO,DIR,PR	12/19/18	\$19.28	\$20.35	2,026	5,670
●●○	-2	11/5/18	Snap	SNAP	AS	\$452,354	78,031	2	CAO,CFO,VP	12/19/18	\$5.80	\$5.92	7,666	15,360
●○○	-1	10/4/18	Acorda Therap	ACOR	S	\$2,045,043	121,853	1	BO	12/18/18	\$16.78	\$16.18	770	980
●○○	-1	12/19/18	SiteOne Landscape	SITE	OS	\$1,105,335	19,750	2	A,CFO,SEC,VP	12/18/18	\$55.97	\$54.49	2,225	560
●○○	-1	12/14/18	TherapMD	TXMD	OS	\$953,385	258,127	1	DIR,PR,SEC	12/18/18	\$3.69	\$3.87	921	3,040
●○○	-0.5	12/19/18	Carbon Black	CBLK	AS	\$681,500	50,000	1	O	12/17/18	\$13.63	\$14.15	961	1,130
●○○	-0.5	12/19/18	Vera Bradley	VRA	AS	\$524,927	61,614	2	BO	12/18/18	\$8.52	\$8.57	297	790
●○○	-0.5	12/19/18	Citi Trends	CTRN	S	\$294,484	15,000	1	DIR	12/18/18	\$19.63	\$18.99	246	160
●○○	-0.5	12/19/18	Roku	ROKU	OS	\$100,470	3,000	1	DIR	12/17/18	\$33.49	\$33.42	3,648	6,310
●○○	-0.5	12/19/18	Blackrock Muni Inc Tr	BFK	S	\$33,412	2,712	1	O	12/17/18	\$12.32	\$12.35	554	160
○○○	-0	10/17/18	salesforcecom	CRM	AS,OS	\$21,968,263	164,888	4	CB,CEO,DIR,GC,LO	12/19/18	\$133.23	\$137.04	104,836	6,690
○○○	-0	12/7/18	AutoZone	AZO	OS	\$17,743,622	21,000	1	CIO,VP	12/17/18	\$844.93	\$871.24	22,268	470
○○○	-0	12/6/18	Alphabet	GOOG	AS	\$10,414,958	10,000	1	CEO,DIR	12/19/18	\$1,041	\$1,052	728,069	2,050
○○○	-0	11/14/18	ServiceNow	NOW	AS	\$5,653,037	32,500	1	DIR	12/17/18	\$173.94	\$181.98	32,629	2,170
○○○	-0	12/18/18	Broadcom	AVGO	OS	\$5,129,449	20,000	1	CEO,DIR,PR	12/17/18	\$256.47	\$254.83	105,359	5,150
○○○	-0	12/7/18	Coupa Software	COUP	AS,OS	\$4,664,709	75,725	2	CEO,CFO,DIR	12/17/18	\$61.60	\$64.53	3,836	1,770
○○○	-0	11/16/18	Clorox Co	CLX	AS	\$4,067,964	25,317	1	COO,VP	12/17/18	\$160.68	\$164.52	21,001	1,090
○○○	-0	10/19/18	Vonage	VG	AS	\$3,665,333	400,000	1	DIR	12/19/18	\$9.16	\$9.49	2,274	2,510
○○○	-0	10/10/18	Cummins	CMI	OS	\$3,307,197	24,830	1	CB,CEO,DIR	12/17/18	\$133.19	\$133.84	21,490	1,460
○○○	-0	11/9/18	Square	SQ	AS	\$3,000,287	50,000	1	O	12/17/18	\$60.01	\$62.14	25,695	17,690
○○○	-0	12/12/18	Okta	OKTA	AS	\$2,902,221	46,265	3	CFO,DIR	12/17/18	\$62.73	\$66.81	7,378	3,000
○○○	-0	11/21/18	Beigene	BGNE	OS	\$2,673,536	20,000	1	SO	12/18/18	\$133.68	\$133.85	7,682	910
○○○	-0	12/17/18	Zscaler	ZS	AS	\$2,622,290	67,106	2	LO,O	12/18/18	\$39.08	\$42.47	5,192	2,390
○○○	-0	11/19/18	Morningstar	MORN	AS	\$2,376,113	20,965	1	BO,CB,DIR	12/18/18	\$113.34	\$114.42	4,881	100
○○○	-0	12/19/18	Inv Tech	ITG	S,OS	\$2,250,062	74,965	2	CEO,DIR,PR	12/18/18	\$30.01	\$30.05	993	600
○○○	-0	12/6/18	Workday	WDAY	AS	\$2,197,565	14,071	2	O,PR	12/17/18	\$156.18	\$162.03	35,323	3,910
○○○	-0	11/1/18	Dolby LABS	DLB	AS	\$1,831,004	28,359	3	CEO,DIR,GC,PR,SEC	12/18/18	\$64.57	\$66.17	6,833	360
○○○	-0	12/11/18	Stryker	SYK	OS	\$1,508,080	9,332	1	COO,PR	12/18/18	\$161.60	\$166.56	62,325	1,540
○○○	-0	11/9/18	CorVel	CRVL	OS,AS	\$1,138,349	18,178	1	CB,DIR	12/19/18	\$62.62	\$64.26	1,205	40
○○○	-0	12/19/18	CymaBay Therap	CBAY	S	\$1,123,589	142,381	1	DIR	12/18/18	\$7.89	\$8.66	515	480
○○○	-0	9/21/18	Exxon Mobil	XOM	S	\$1,092,527	15,000	1	VP	12/19/18	\$72.84	\$75.58	319,991	16,610
○○○	-0	11/26/18	Sailpoint Tech	SAIL	AS	\$1,068,371	47,000	2	CEO,CFO,DIR,PR,TR	12/18/18	\$22.73	\$24.32	2,135	980
○○○	-0	12/4/18	Regenxbio	RGNX	AS	\$1,048,577	22,500	2	CEO,CFO,DIR,PR	12/17/18	\$46.60	\$45.72	1,639	550
○○○	-0	11/21/18	Inspire Medical Sys	INSP	AS	\$643,213	15,000	1	CEO,DIR,PR	12/18/18	\$42.88	\$41.36	947	390
○○○	-0	11/19/18	Intersect ENT	XENT	OS	\$594,504	20,000	1	CEO,DIR,PR	12/17/18	\$29.73	\$30.60	935	250
○○○	-0	12/19/18	Walt Disney Co	DIS	AS	\$588,595	5,346	2	FO,GC,SEC,VP	12/19/18	\$110.10	\$112.20	167,029	9,200
○○○	-0	11/20/18	Quotient Tech	QUOT	AS	\$570,530	50,000	1	CB,DIR	12/17/18	\$11.41	\$11.81	1,124	540
○○○	-0	11/6/18	Smart Global	SGH	OS	\$545,081	18,800	2	DIR,VP	12/17/18	\$28.99	\$30.08	680	260
○○○	-0	11/21/18	Mercury Sys	MRCY	AS	\$484,050	10,000	1	CEO,DIR,PR	12/18/18	\$48.41	\$48.38	2,342	270
○○○	-0	9/25/18	Comcast	CMCSA	OS	\$476,185	13,086	1	GC,SEC,VP	12/18/18	\$36.39	\$36.34	165,329	24,040
○○○	-0	12/12/18	RingCentral	RNG	AS	\$396,314	4,808	1	O	12/19/18	\$82.43	\$82.47	6,625	1,040
○○○	-0	12/18/18	Omnicell	OMCL	AS	\$252,099	3,982	1	SO,VP	12/19/18	\$63.31	\$66.28	2,626	410
○○○	-0	11/16/18	Intercept Pharm	ICPT	OS	\$213,240	2,000	1	O	12/17/18	\$106.62	\$108.01	3,203	390
○○○	-0	11/5/18	Editas Medicine	EDIT	OS	\$193,303	7,000	1	CTO	12/18/18	\$27.61	\$28.45	1,360	670
○○○	-0	12/6/18	Dropbox	DBX	AS	\$181,513	8,125	1	CAO	12/17/18	\$22.34	\$22.60	9,187	3,420
○○○	-0	11/23/18	Walmart	WMT	S	\$138,000	1,500	3	BO,DIR	12/17/18	\$92.00	\$91.85	266,848	9,190
○○○	-0	11/14/18	Employers	EIG	OS	\$126,870	3,000	1	LO,VP	12/17/18	\$42.29	\$42.69	1,400	160
○○○	-0	12/14/18	QAD	QADA	JS*	\$120,900	3,000	1	BO,DIR,PR	12/18/18	\$40.30	\$41.25	781	50
○○○	-0	11/21/18	Cornerstone OnD	CSOD	OS	\$103,940	2,000	1	O	12/17/18	\$51.97	\$52.51	3,078	490
○○○	-0	11/26/18	Carrizo Oil & Gas	CRZO	AS	\$99,459	8,000	1	CEO,DIR,PR	12/17/18	\$12.43	\$12.52	1,147	3,040

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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 11/19/18	Seres Therap	MCRB	AS	\$91,313	14,282	1 CTO,VP	12/17/18	\$6.39	\$6.39	261	90
○○○	-0 12/19/18	Nuveen En Mu Cr Op Fi	NZF	JS*	\$60,956	4,900	1 A,SEC,VP	12/17/18	\$12.44	\$13.49	1,917	490
○○○	-0 12/19/18	Del Taco Rest	TACO	S	\$60,700	5,982	1 OO,VP	12/17/18	\$10.15	\$10.07	380	240
○○○	-0 11/6/18	Five9	FIVN	OS	\$59,375	1,411	1 OO,VP	12/18/18	\$42.08	\$42.05	2,471	540
○○○	-0 12/19/18	Chevron	CVX	OS	\$57,012	507	1 VP	12/17/18	\$112.45	\$113.83	217,504	7,780
○○○	-0 10/22/18	TriNet	TNET	AS	\$47,477	1,141	1 VP	12/19/18	\$41.61	\$42.13	2,968	350
○○○	-0 11/30/18	BR Muni NJ Ins Fd	MUJ	S	\$44,030	3,500	1 O	12/17/18	\$12.58	\$12.72	384	110
○○○	-0 9/20/18	Peoples Utah Banc	PUB	AS	\$40,748	1,375	1 DIR	12/19/18	\$29.63	\$29.34	549	20
○○○	-0 12/6/18	Everbridge	EVBG	AS	\$39,478	749	1 OO,VP	12/17/18	\$52.71	\$53.55	1,588	330
○○○	-0 11/21/18	Pro-Dex	PDEX	OS	\$38,516	3,000	1 DIR	12/19/18	\$12.84	\$12.85	54	40
○○○	-0 12/19/18	BlackRock MuniVest Fd	MVF	S	\$31,136	3,742	1 O	12/17/18	\$8.32	\$8.42	543	240
○○○	0 12/13/18	Genomic Health	GHDX	AS	\$3,339,527	50,000	1 CEO,DIR,PR	12/18/18	\$66.79	\$69.34	2,505	480
○○○	0 12/19/18	Crispr Therap AG	CRSP	S	\$2,176,898	72,934	1 DIR	12/18/18	\$29.85	\$32.69	1,697	720
○○○	0 12/19/18	Cimpress NV	CMPR	OS	\$1,591,544	14,763	1 DIR	12/18/18	\$107.81	\$110.05	3,402	150
○○○	0 11/20/18	Wayfair	W	AS	\$766,496	8,000	2 BO,CEO,DIR,F	12/17/18	\$95.81	\$103.29	9,332	2,520
○○○	0 11/28/18	CarGurus	CARG	AS	\$673,600	20,000	1 CTO	12/19/18	\$33.68	\$34.76	3,826	770
○○○	0 10/31/18	NovaGold Res	NG	OS	\$628,388	159,050	1 DIR	12/18/18	\$3.95	\$3.84	1,242	1,570
○○○	0 12/11/18	Kroger Co	KR	S	\$592,999	20,546	1 VP	12/18/18	\$28.86	\$29.55	23,564	9,580
○○○	0 11/19/18	Goosehead Insurance	GSHD	AS	\$542,044	20,046	3 BO,CEO,DIR	12/18/18	\$27.04	\$27.39	994	160
○○○	0 11/15/18	Carbonite	CARB	S	\$452,409	17,175	4 CEO,CFO,DIR,PR,SO	12/17/18	\$26.34	\$25.61	885	370
○○○	0 12/3/18	Intel	INTC	AS	\$409,874	8,552	1 VP	12/18/18	\$47.93	\$47.86	218,433	29,960
○○○	0 12/12/18	Verisk Analytics	VRSK	AS	\$332,910	3,000	1 DIR	12/19/18	\$110.97	\$113.83	18,739	1,150
○○○	0 12/17/18	TriCo Banc	TCBK	S	\$238,618	6,693	3 CFO,DIR,VP	12/14/18	\$35.65	\$35.26	1,073	100
○○○	0 12/19/18	Redwood Tr	RWT	AS	\$228,750	15,000	1 GC	12/19/18	\$15.25	\$15.90	1,319	760
○○○	0 12/7/18	Teladoc Health	TDOC	OS	\$168,727	3,374	2 BD,O,VP	12/18/18	\$50.01	\$51.17	3,587	2,060
○○○	0 12/19/18	HG	STLY	S	\$136,086	324,014	1 BO	12/17/18	\$0.42	\$0.41	6	20
○○○	0 11/16/18	Markel	MKL	AS	\$103,575	100	1 DIR,VCB	12/17/18	#####	#####	14,559	60

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

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KEY FOR TITLE CODES:

A=Assistant, AI=Affiliated Investor, AO=Accounting Officer, BD=Business Development, BO=Beneficial Owner, CAO=Chief Accounting Officer, CB=Chairman, CCO=Chief Compliance Officer, CEO=Chief Executive Officer, CFO=Chief Financial Officer, CIO=Chief Information Officer, CO=Compliance Officer, COO=Chief Operating Officer, CT=Controller, CTO=Chief Technology Officer, DIR=Director, F=Founder, FO=Financial Officer, GC=General Counsel, HR=Human Resources, IO=Information Officer, IR=Investor Relations, LO=Legal Officer, MD=Managing Director, O=Officer, OO=Operating Officer, PR=President, PT=Partner, REL=Relative of insider, SEC=Secretary, SH=Shareholder, SO=Sales Officer, TO=Technology Officer, TR=Treasurer, TT=Trustee, VCB=Vice Chairman, VP=Vice President, X=Ex Officer or other title displayed.

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	Interpreting our color-coded Ratings icons is straightforward: Green is Bullish; Red is Bearish.
	+2 SIGNIFICANTLY BULLISH	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.
	+1 SIGNIFICANTLY BULLISH	
	+0.5 LEANING BULLISH	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.
	+0 INSIGNIFICANTLY BULLISH	
	0 CONFLICTING PURCHASES & SALES	◆ 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.
	-0 INSIGNIFICANTLY BEARISH	◆ 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.
	-0.5 LEANING BEARISH	◆ 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.
	-1 SIGNIFICANTLY BEARISH	
	-2 SIGNIFICANTLY BEARISH	◆ Our Ratings are considered "active" for 3 months, or until replaced by another Rating.
	-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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