USA TODAY PERSONAL FINANCE

MARKET TRE

A WEEKLY LOOK BEHIND THE USA'S STOCK MARKET MOVEMENT

S&P 1500 Broad market

.2% week **▲**1.3% **V**1.8% 3 months

S&P 500 Large companies **71.2**% week **V**1.8% 3 months

month

S&P 400 Mid-cap companies **1.0**% week **V**2.0%

3 months

S&P 600 Small companies **V**1.3%

Information technology

Month: 7.1% Quarter: 3.9%

Stamps.com Solera

Tech hardware

Month: -2.2% Quarter: -8.3%

Motorola Solutions

Semiconducto

Month: -3.5% Quarter: -10.1%

Rudolph Tech. First Solar Nvidia

Tessera Tech

Health care

Month: 2.1% Quarter: 4.1%

IPC Healthcare

AMN Healthcare Cross Cntry Hlthcare

Pharmaceuticals

Spectrum Pharma

Month: -3.3% Quarter: -11.9%

SSAB

Balchem

Emergent Biosolutions Regeneron Phar.

Materials

Telecom

Frontier Comm. Deutsche Telekom

W: -1.3% M: -1.3% Q: -4.8% Telecom¹

W: -1.6% M: -3.6% Q: -12.3% Materials¹

Abiomed

Month: 1.8%

Luminex

Quarter: 2.1% Baxalta

Health Care

W: -1.7% M: 1.8% Q: 2.5%

AMD

Acxiom NIC

Leidos

Ixia

Agilysys II-VI

Black Box

W: -1.2% M: 3.1% O: -1.9%

-0.1%

Week

23.0% 17.3%

10.1%

9.0%

17.8%

6.4%

0.8%

18.1% 17.6% 15.2%

8.3% 6.6%

-0.8%

43.1%

12.3%

8.2%

4.6%

17.9% 8.9%

8.9%

·1.3% Week

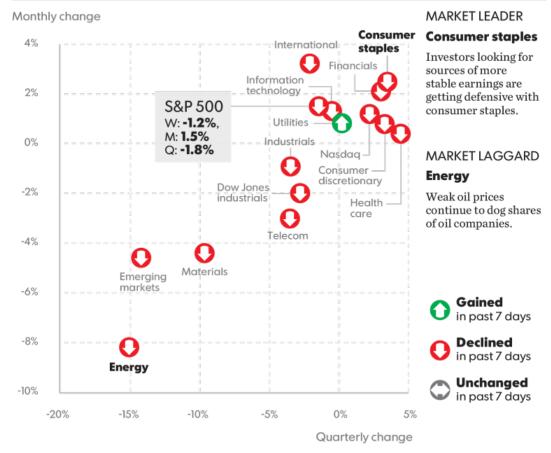
9.5% 2.5%

2.0% 0.7%

71.6% week 3 months

FINANCIAL MARKETS AT A GLANCE

Major market, S&P 500 sector and other indexes' performance during the past four and 13 weeks.



1 - Other indexes include International (Morgan Stanley Capital International Europe, Australasia, Far East Index): and Emerging markets (MSCI Emerging Markets). Source: Standard & Poor's JIM SERGENT AND KARL GELLES, USA TODAY

EXCHANGE TRADED FUNDS

Ma	ior	inde	ex E	TFs
VIC	JOI	II I G	CAL	

	Ticker	Week	Month	Quarter
PowerShares QQQ	QQQ	-1.5%	4.0%	1.5%
S&P 500 SPDR	SPY	-1.2%	1.7%	-1.7%
Dow industrials SPDR	DIA	-1.6%	-0.7%	-4.4%

Sector ETFs

State Street S&P sector index funds						
Financials	XLF	-0.1%	4.2%	1.7%		
Telcom	IXP	-0.1%	3.6%	-3.1%		
Consumer staples	XLP	-0.3%	3.3%	2.0%		
Technology	XLK	-1.1%	2.9%	-2.1%		
Utilities	XLU	0.9%	2.7%	0.8%		
Consumer discretionary	XLY	-2.4%	2.7%	2.2%		
Health care	XLV	-1.7%	1.9%	2.5%		
Industrials	XLI	-1.0%	0.4%	-5.1%		
Materials	XLB	-1.6%	-3.6%	-12.3%		

1-iShares ETF SOURCE: STANDARD & POOR'S

XLE

-3.4%

ETFs by investment style

Vanguard	Ticker	Week	Month	Quarter
Large-cap growth	VUG	-1.5%	2.5%	-0.3%
Large-cap blend	VV	-1.2%	1.5%	-1.8%
Mid-cap blend	VO	-1.2%	1.2%	-1.9%
Mid-cap growth	VOT	-1.6%	1.2%	-1.7%
Mid-cap value	VOE	-0.8%	1.1%	-2.3%
Large-cap value	VTV	-0.9%	0.8%	-3.1%
Small-cap growth	VBK	-2.3%	-0.3%	-1.0%
Small-cap blend	VB	-1.8%	-0.6%	-2.2%
Small-cap value	VBR	-1.4%	-1.0%	-3.2%

Other index ETFs

iShares				
International	EFA	-0.3%	5.5%	-4.5%
Real estate	ICF	0.4%	2.7%	-1.0%
Socially responsible	KLD	-1.1%	0.8%	-2.5%
Bonds	AGG	-0.3%	unch.	-1.0%
Emerging markets	EEM	-2.2%	-1.3%	-15.3%
Cald	IAII	0.2%	E 00/	0.2%

THE WEEK'S TOP STOCKS

Top stocks in each industry group from the S&P 500, 400 and 600

Consumer discretionar	v	Energy	
W: - 2.4% M: 2.6%	-	W: -3.5% M: -8.1% C	: - 18.0%
Autos Month: 0.8% Quarter: -7.2% Superior Indus. Valeo Renault Volkswagen Volkswagen Nvtg Prf	0.5% Week 15.8% 4.9% 4.1% 3.7%	Energy¹ Month: -8.4% Quarter: -18.5% Gulf Island Fab. Tetra Tech. Hornbeck Offshore Western Refining Cimarex Energy	-3.4% Week 13.5% 9.0% 8.4% 7.4% 6.5%
Consumer goods Month: 1.8% Quarter: 2.1% Harman Coach Sturm Ruger	-1.4% Week 7.8% 6.0% 5.2%	Financials W: -0.1% M: 4.0% Banks	
Michael Kors Swatch	4.4% 3.5%	Month: 5.1% Quarter: 4.9% Nordea	-0.6% Week 97.0%
Consumer services Month: 4.3% Quarter: 4.9% Career Education H & R Block Galaxy Entertainment Service Sands China	-1.1% Week 32.1% 6.3% 3.5% 3.1% 2.5%	LendingTree Banca Monte Paschi Sie Bofl Societe Generale Financials¹ Month: 2.7% Quarter: -1.6% GAM	46.0% en 9.1% 7.0% 6.9% 0.4% Week 38.7%
Media Month: -4.9% Quarter: -2.2% Altice	-7.4% Week 2.7%	Interactive Brokers American Express Intercontinental Ex. Nasdaq OM Group	6.5% 4.8% 4.0% 3.7%
Gannett SES United Business Media Cable One	1.3% 0.3% 0.1% 0.1%	Insurance Month: 3.6% Quarter: 4.5% Old Mutual	-0.8% Week
Retailing Month: 6.4% Quarter: 5.1% NetFlix	-0.6% Week 8.1%	United Fire Legal & General Direct Line Insurance Employers	5.7% 5.2% 5.0% 4.5%
The Priceline Blue Nile Kingfisher Tuesday Morning Consumer staples	5.9% 4.2% 3.7% 3.3%	Real estate Month: 2.2% Quarter: -1.3% American Tower Cedar Realty Trust Hammerson Urban Edge Props. British Land	0.1% Week 4.8% 3.9% 3.8% 3.8% 3.5%

	Urban Edge Props. British Land	3.8% 3.5%
1.9% .4% Veek 1.9% 1.7% 1.7% 1.3% 1.2%	Industrials W:-1.0% M:0.4 Capital goods Month:-0.7% Quarter:-4.5% Engility Orbital	% O: -5.1% -1.0% Week 38.9% 9.6%
. 8 % Veek	Cobham Brenntag Hillenbrand	8.8% 8.0% 5.3%
8.1% 6.6% 6.4% 4.4% 4.2% Veek	Business services Month: 2.8% Quarter: 0.6% Intertek US Ecology Unifirst Cintas Rentokil Initial	-0.9% Week 10.2% 6.2% 2.5% 2.3% 2.1%
1.0% 8.1% 5.6% 5.3% 5.3%	Transportation Month: 3.1% Quarter: -7.8% Hawaiian Dsv A/S AP Moller - Maersk Delta Air Lines Southwest Air	-1.3% Week 10.6% 8.7% 6.9% 4.5% 3.8%

Utilities W: 0.9% M: 2.6% Q: 0.79 Litilities Month: 2.3% Quarter: 0.3% 0.6% Enagas Drax Allete 28.7% Hawaiian Electric Gas Natural SDG

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1 — INDUSTRY GROUP'S % CHANGES BASED ON S&P 1500

W: -0.2% M: 2.9% Q:

Food retailing

Sysco Casino Gui.-Perrachon

Month: 1.8% Quarter: 0.5%

SpartanNash Ahold

Month: 5.2% Quarter: 4.3% Post

Boston Beer

Month: -1.9% Quarter: -2.9%

Beiersdorf

Energizer

Central Garden & Pet

Heineken Seneca Foods

Kellogg Household go

Food & beverage

Colruyt

Russ Wiles

Energy

The Arizona Republic



Doug Johnson is chief financial officer of two hospitals in the Wisconsin-Minnesota bordei area but doesn't consider himself especially tech-savvy.

Nevertheless, he was able to complete the entire mortgageapplication process for an Arizona vacation home entirely online. That included shopping for interest rates and terms, inputting personal information and uploading the required supporting documents, including income-tax returns, pay stubs, bank statements and more.

'It went without a hitch," said Johnson, 47, who admits he initially concerned about online security. "If you have access to the Internet and a cheap scanner, that's all you need."

Johnson did the mortgage-application process through Guaranteed Rate, a national residential mortgage lender based in Chicago.

The company's software guides applicants through the loan-shopping exercise and lets them input data, see their credit scores, upload documents through a secure system and receive online approval. Appligoing through the company's all-digital route currently can qualify for a \$250 credit on closing costs.

DIGITAL REVOLUTION

Guaranteed Rate claims it has the first all-digital mortgage, but many competitors also are going in the same direction, letting customers apply for mortgages, process much of the paperwork and do related tasks day or night, using a desktop comput-er, tablet or

smartphone. Applying for a mortgage and supplying supporting docu-

Digital mortgages throw paperwork out the window

More home **buyers** getting a tedious job done on tablets and even their phones

GETTY

-7.9% -18.1%

transactions, buy and sell stocks, adjust 401(k) balances and pull up their credit reports. The vast majority of taxpayers file their returns online.

before.

Five years from now, digital applications and document submissions for home loans might be just as prevalent, though it isn't quite there vet.

"It's not as widespread as

ments — traditionally one of the

most time-consuming, paper-

work-intensive and frustrating

financial exercises around - in-

creasingly is being automated.

That means applicants will find

the process easier, faster and,

possibly, less expensive than

to pay bills, check credit card

Americans already go online

you might think," said Rick Hill, vice president of industry technology for the Mortgage Bankers Association. Many people still prefer to meet face to face with a loan officer, especially first-time

> buvers. At any rate, digital applications can move the process along faster. In the case of Guaranteed Rate, for example, the company's online application will notify users if they filled out something incorrectly or missing an item.

have Consumers many choices when it comes to conducting their financial business, ranging from bank branch visits and phone

contact to interaction through desktop computers, smartphones and tablets. According to a 2015 study by Javelin Strategy & Research in San Francisco, customers tend to prefer branch visits when they have specific questions or place high value on security or confidentiality. But computers, especially smartphones and tablets, are making headway.

Mark Schwanhausser, director of omnichannel financial services at Javelin, notes that some mortgage applicants already can send copies of mortgage documents, such as pay stubs, to a lender simply by snapping photos on their smartphones or tablets.

CLOSINGS PAPER-FREE, TOO

Even the closing process can be improved through technology, according to a report out last week by the federal Consumer Financial Protection Bureau, based on survey results from 1,200 consumers who signed off

for their loans in this manner. People who did eClosings said they understood their loans better and felt more empowered about the process compared with others who relied entirely on paper forms. Electronic closings let applicants review forms on devices with embedded links to

help them understand terms. The trend points to more home buyers and loan-refinance applicants using computers and digital devices to apply for, monitor and close on home loans, with few if any personal meetings and less paperwork getting sent through the mail or fax machines. This trend will be hastened as more Millennials start buying homes in larger numbers.

"The consumer really wants to use technology," Hill said.

Reach Wiles at russ.wiles@arizo narepublic.com or 602-444-8616.

MUTUAL FUNDS

15 LARGEST FUNDS Ro	nked by fu	nds' total (assets
	Ticker	Week	Month
Vanguard TSM ldx;Inv	VTSMX	-1.1%	1.3%
Vanguard 500 Index;Inv	VFINX	-1.1%	1.7%
Vanguard Instl Indx;Inst	VINIX	-1.1%	1.7%
American Funds Gro;A	AGTHX	-0.9%	2.6%
Vanguard Tot I Stk;Inv	VGTSX	0.3%	1.9%
American Funds EuPc;A	AEPGX	0.4%	1.7%
Fidelity Contrafund	FCNTX	-0.9%	3.4%
American Funds Inc;A	AMECX	-0.2%	0.6%
American Funds CIB;A	CAIBX	-0.2%	1.5%
Franklin Cust:Inc;A	FKINX	-0.9%	-1.3%
Vanguard Wellington;Inv	VWELX	-0.6%	1.5%
American Funds CWGI;A	CWGIX	unch.	2.5%
Fidelity Sp 500 ldx;Inv	FUSEX	-1.1%	1.7%
American Funds Bal;A	ABALX	-0.7%	1.2%
American Funds \Mash.A	V/V/CTIA	Λ 0%	1.0%

American Funds Wash; A AWSHX **TOP-PERFORMING, LARGE-CAP FUNDS**

	Ticker	Week	Month
FAM Equity-Income;Inv	FAMEX	1.0%	0.5%
Hussman Inv:Str Div Val	HSDVX	1.0%	-1.9%
North Star Dividend;I	NSDVX	0.7%	0.2%
Westcore:BI Ch Div;RtI	WTMVX	0.6%	3.1%
Federated Str VI Dv;Inst	SVAIX	0.5%	3.2%
Manning&Napier:Qual Eq;I	MNQIX	0.4%	3.4%
White Oak Select Growth	WOGSX	0.3%	7.3%
RiverFront Dyn Eq Inc;C	RLGCX	0.3%	2.6%
Polen Growth;Inst	POLIX	0.3%	6.2%
Port St Quality Gr;Inst	PSQGX	0.3%	2.2%
Invesco Div Inc;Inv	FSTUX	0.3%	2.2%
Selected American Shs;S	SLASX	0.2%	4.6%
Dunham: Dynamic Macro; N	DNAVX	0.2%	0.9%
Centaur:Total Return	TILDX	0.2%	0.2%
C 1: O 1 1: I	CALLOY	0.00/	0.00/

Cambiar Opportunity; Inv CAMOX **TOP-PERFORMING, MID-CAP FUNDS**

	Ticker	Week	Month
Frank Value;Inv	FRNKX	0.9%	1.1%
James Adv:Mid Cap	JAMDX	0.9%	3.3%
WM Blair:Sm-Md Cp Gr;l	WSMDX	0.5%	2.6%
Aquila 3 Peaks Opp Gr;A	ATGAX	0.4%	2.6%
Invesco Endeavor;A	ATDAX	0.3%	-1.0%
Putnam Equity Spectrum;A	PYSAX	0.3%	2.8%
Value Line Mid Cap Focus	VLIFX	0.2%	3.0%
Congress MC Gro;Inst	IMIDX	0.2%	2.4%
Barrow Value Oppty;Inst	BALIX	0.2%	0.5%
Commerce:MC Growth	CFAGX	0.1%	1.8%
FPA Perennial Fund	FPPFX	0.1%	-0.4%
MFS Mid Cap Growth;A	OTCAX	0.1%	3.1%
Prospector:Opportunity	POPFX	0.1%	0.6%
CB Mid Cap Core;A	SBMAX	unch.	1.0%
Mid Cap Value Opps	MMCVX	unch.	1.0%

TOP-PERFORMING, SMALL-CAP FUNDS

	Ticker	Week	Month
Aegis Value;I	AVALX	2.6%	-6.7%
Aberdeen:Sm Cap;A	GSXAX	1.4%	1.7%
Nationwide:Geneva SCG;I	SNWKDX	1.4%	4.4%
Small Cap Value Fund	SCAPX	1.2%	-5.7%
Wasatch:Micro Cp Val;Inv	WAMVX	1.0%	3.0%
Highland:Sm-Cp Eqty;A	HSZAX	1.0%	unch.
Eaton Vance GlbI SC;A	EAVSX	0.9%	-0.7%
TH & B SC Val;Inst	THBLX	0.8%	0.8%
Roxbury:R/HR SC Gr;Inst	HRSMX	0.8%	0.3%
Calvert Imp:Sm Cap;A	CCVAX	0.7%	1.6%
Franklin Val:Mic Cp;A	FRMCX	0.7%	-1.6%
Lebenthal Lisanti SCG	ASCGX	0.6%	3.1%
Rydex:S&P SC 600 P Val;H	RYAZX	0.6%	-3.2%
Hennessy:Crnst Gro;Inv	HFCGX	0.5%	1.8%
Touchstone:SC Cre;Inst	TSFIX	0.5%	-1.2%
NOTE: LIST DOES NOT INCLUDE ETFS: SO	OURCE: LIPPER		