



EVERETT FINANCIAL GROUP

## Weekly Commentary

April 29, 2019



### The Teen Who Invented Television

As a teenager, Philo Farnsworth spent a lot of time thinking about TV. Sounds like a lot of other teenagers. Of course, in Philo's Case, television was still a thing of the future-but he had a few ideas about how to change that.

Farnsworth was raised on a farm in Idaho. He was so smart that when he was a freshman in high school, he didn't study math, he taught it. Farnsworth was fascinated by the idea of transmitting pictures through the air. He knew that the key was finding a way to separate an image into component parts that could be converted into electrical current, and then reassembled at the other end.

In the summer of 1921, he plowed his father's potato field, one row at a time, then surveyed the furrows he had plowed. That's when his "Eureka!" moment came: what if he could trap light in an empty jar and transmit it one line at a time on a magnetically deflected beam of electrons? The beam could move back and forth just like his plow in the field.

He sketched the idea on a scrap of paper for his chemistry teacher, who encouraged him to pursue

it.

Eventually, he dropped out of school and headed to San Francisco, where he set up a lab at the tender age of nineteen to perfect his invention.

Philo Farnsworth dreamed up the idea of electronic television in a farm field at age fifteen. But don't be too impressed with that. After all, he didn't transmit his first picture and patent the idea until he was nearly twenty-one!

*Farnsworth wouldn't let his son, Kent, watch television, and he himself only appeared on television once. In 1957 he was a guest on I've got a Secret, where he won \$80 and a carton of cigarettes after stumping the panel.*

*The Greatest Science Stories Never Told by Rick Beyer*

## Weekly Market Commentary April 29, 2019

### The Markets

It wasn't an 'Avengers End Game' spoiler, but there was big news last week.

Economic growth in the United States was strong during the first quarter. The *Bureau Of Economic Analysis (BEA)* announced gross domestic product (GDP), which is the value of all goods and services produced in the United States, increased by 3.2 percent.

The estimate came as a surprise. It was well above the consensus forecast of 2.3 percent, according to Randall Forsyth of *Barron's*. In addition, as *The Economist* pointed out,

"This year America's economy did not get the freshest of starts. A government shutdown, a wobbly stock market and concerns that the Federal Reserve would tighten monetary policy too quickly made for a dim outlook for 2019. With the effects of fiscal stimulus fading, and momentum in the global economy ebbing, most expected America's economic growth to decelerate."

Both *Barron's* and *The Economist* cautioned investors to look under the hood, though. The top contributors to accelerating growth were imports and exports, which could be volatile. In addition, consumer spending, which usually accounts for about of two-thirds of GDP growth, rose far more slowly than it did in the previous quarter.

Investors were appreciative of quarter-to-quarter GDP growth. They also were encouraged by first quarter earnings reports. Earnings reflect the health and profitability of public companies. With 46 percent of Standard & Poor's 500 Index companies reporting, *FactSet* wrote, "In aggregate, companies are reporting earnings that are 5.3 percent above the estimates, which is also above the five-year average."

The S&P 500 and Nasdaq Composite Indices ended the week at record highs, while the Dow Jones Industrial Average finished the week lower.

Data as of 4/26/19	1-Week	Y-T-D	1-Year	3-Year	5-Year	10-Year
Standard & Poor's 500						

(Domestic Stocks)	1.2%	17.3%	8.5%	12.0%	9.5%	13.1%
Dow Jones Global ex-U.S.	-0.6	11.5	-5.9	5.2	0.8	5.7
10-year Treasury Note (Yield Only)	2.5	NA	3.0	1.9	2.7	2.9
Gold (per ounce)	0.7	0.2	-2.8	1.1	-0.2	3.5
Bloomberg Commodity Index	-1.2	5.3	-9.7	-1.2	-10.1	-2.9
DJ Equity All REIT Total Return Index	1.5	17.0	20.9	8.0	9.4	16.2

S&P 500, Dow Jones Global ex-US, Gold, Bloomberg Commodity Index returns exclude reinvested dividends (gold does not pay a dividend)

and the three-, five-, and 10-year returns are annualized; the DJ Equity All REIT Total Return Index does include reinvested dividends and the three-, five-, and 10-year returns are annualized; and the 10-year Treasury Note is simply the yield at the close of the day on each of the historical time periods.

Sources: Yahoo! Finance, MarketWatch, djindexes.com, London Bullion Market Association.

Past performance is no guarantee of future results. Indices are unmanaged and cannot be invested into directly. N/A means not applicable.

**WHY DO COUNTRIES STOCKPILE GOODS?** Some countries stockpile goods they have deemed essential for human survival. For instance, Switzerland has been stockpiling coffee, sugar, rice, edible oils, and animal feed since World War II. Earlier this month, the country changed its mind about coffee. The Swiss decided to stop maintaining an emergency supply of java because it is not essential to human survival. *Reuters* reported that opposition is brewing.

The Canadian province of Quebec has a strategic reserve of maple syrup. The stockpile has little to do with human survival, though. Real maple syrup is a valuable commodity. Ounce for ounce, it is worth more than oil. *National Public Radio (NPR)* reported, "...the global strategic reserve is actually a way to guarantee that high, high price for maple syrup by removing - totally removing the natural boom-and-bust cycle that would otherwise happen for an agricultural commodity."

China has been stockpiling grain. *Reuters* reported the *United States Department of Agriculture (USDA)* expects 65 percent of the world's corn and 50 percent of the world's wheat will be in China this year. In 2020, the government will require all gasoline supplies to be blended with ethanol, which is renewable fuel made from corn.

In the United States, we have been stockpiling cheese. In part, that's due to an excess of milk production. We use extra milk to make cheese, and Americans eat a lot of cheese - about 37 pounds per capita in 2017, according to *NPR*. Regardless, our cheese surplus has grown to 1.4 billion pounds or 900,000 cubic centimeters. That's enough cheese to wrap around the U.S. Capital. The abundance of cheese is driving prices lower.

### Weekly Focus - Think About It

"You know, farming looks mighty easy when your plow is a pencil, and you're a thousand miles from the corn field."

--Dwight D. Eisenhower, 34<sup>th</sup> President of the United States

Best Regards,



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The highest compliment you can give us is the referral of your family and friends. Your referrals are always welcome. Refer someone to us today and give them the gift of a complimentary consultation!

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\* Government bonds and Treasury Bills are guaranteed by the U.S. government as to the timely payment of principal and interest and, if held to maturity, offer a fixed rate of return and fixed principal value. However, the value of fund shares is not guaranteed and will fluctuate.

\* Corporate bonds are considered higher risk than government bonds but normally offer a higher yield and are subject to market, interest rate and credit risk as well as additional risks based on the quality of issuer coupon rate, price, yield, maturity, and redemption features.

\* The Standard & Poor's 500 (S&P 500) is an unmanaged group of securities considered to be representative of the stock market in general. You cannot invest directly in this index.

\* All indexes referenced are unmanaged. Unmanaged index returns do not reflect fees, expenses, or sales charges. Index performance is not indicative of the performance of any investment.

\* The Dow Jones Global ex-U.S. Index covers approximately 95% of the market capitalization of

the 45 developed and emerging countries included in the Index.

\* The 10-year Treasury Note represents debt owed by the United States Treasury to the public. Since the U.S. Government is seen as a risk-free borrower, investors use the 10-year Treasury Note as a benchmark for the long-term bond market.

\* Gold represents the afternoon gold price as reported by the London Bullion Market Association. The gold price is set twice daily by the London Gold Fixing Company at 10:30 and 15:00 and is expressed in U.S. dollars per fine troy ounce.

\* The Bloomberg Commodity Index is designed to be a highly liquid and diversified benchmark for the commodity futures market. The Index is composed of futures contracts on 19 physical commodities and was launched on July 14, 1998.

\* The DJ Equity All REIT Total Return Index measures the total return performance of the equity subcategory of the Real Estate Investment Trust (REIT) industry as calculated by Dow Jones.

\* Yahoo! Finance is the source for any reference to the performance of an index between two specific periods.

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