

# Carmel-Quintero Financial

## Planning Your Financial Future

### How Much Risk Can You Take?



Many market shocks are short-lived once investors conclude the event is unlikely to cause lasting economic damage. Still, major market downturns such as the 2000 dot-com bust and the 2008-09 credit

crisis are powerful reminders that we cannot control or predict exactly how, where, or when precarious situations will arise.

Market risk refers to the possibility that an investment will lose value because of a broad decline in the financial markets, which can be the result of economic or sociopolitical factors. Investors who are willing to accept more investment risk may benefit from higher returns in the good times, but they also get hit harder during the bad times. A more conservative portfolio generally means there are fewer highs, but also fewer lows.

Your portfolio's risk profile should reflect your ability to endure periods of market volatility, both financially and emotionally. Here are some questions that may help you evaluate your personal relationship with risk.

#### How much risk can you afford?

Your capacity for risk generally depends on your current financial position (income, assets, and expenses) as well as your age, health, future earning potential, and time horizon. Your time horizon is the length of time before you expect to tap your investment assets for specific financial goals. The more time you have to keep the money invested, the more likely it is that you can ride out the volatility associated with riskier investments. An aggressive risk profile may be appropriate if you're investing for a retirement that is many years away. However, investing for a teenager's upcoming college education may call for a conservative approach.

#### How much risk may be needed to meet your goals?

If you know how much money you have to invest and can estimate how much you will need in the future, then it's possible to calculate

a "required return" (and a corresponding level of risk) for your investments. Older retirees who have sufficient income and assets to cover expenses for the rest of their lives may not need to expose their savings to risk. On the other hand, some risk-averse individuals may need to invest more aggressively to accumulate enough money for retirement and offset another risk: that inflation could erode the purchasing power of their assets over the long term.

#### How much risk are you comfortable taking?

Some people seem to be born risk-takers, whereas others are cautious by nature, but an investor's true psychological risk tolerance can be difficult to assess. Some people who describe their personality a certain way on a questionnaire may act differently when they are tested by real events.

Moreover, an investor's attitude toward risk can change over time, with experience and age. New investors may be more fearful of potential losses. Investors who have experienced the cyclical and ever-changing nature of the economy and investment performance may be more comfortable with short-term market swings.

#### Brace yourself

Market declines are an inevitable part of investing, but abandoning a sound investment strategy in the heat of the moment could be detrimental to your portfolio's long-term performance. One thing you can do to strengthen your mindset is to anticipate scenarios in which the value of your investments were to fall by 20% to 40%. If you become overly anxious about the possibility of such a loss, it might be helpful to reduce the level of risk in your portfolio. Otherwise, having a plan in place could help you manage your emotions when turbulent times arrive.

*All investing involves risk, including the possible loss of principal, and there is no guarantee that any investment strategy will be successful.*

**Carmel-Quintero Financial Services**  
26600 Detroit Road  
Suite 130  
Westlake, OH 44145  
440-471-8441  
Todd.Carmel@RaymondJames.com

#### January 2018

Demographic Dilemma: Is America's Aging Population Slowing Down the Economy?

Don't Delay: The Potential Benefits of Starting to Save Now

Cartoon: 21st Century Shopping Strategy

How can I protect myself from digital deception?

## Demographic Dilemma: Is America's Aging Population Slowing Down the Economy?



It's no secret that the demographic profile of the United States is growing older at a rapid pace. While the U.S. population is projected to grow just 8% between 2015 and 2025, the number of older Americans ages 70 to 84 will skyrocket 50%.<sup>1</sup>

With roughly 75 million members, baby boomers (born between 1946 and 1964) make up the largest generation in U.S. history. As a group, boomers have longer life expectancies and had fewer children than previous generations.<sup>2</sup>

Now, after dominating the workforce for nearly 40 years, boomers are retiring at a rate of around 1.2 million a year, about three times more than a decade ago.<sup>3</sup>

Though the economy has continued to improve since the Great Recession, gross domestic product (GDP) growth has been weak compared with past recoveries. A number of economists believe that demographic changes may be the primary reason.<sup>4</sup>

### Spending shifts

The lower birth rates in recent decades generally mean that fewer young people are joining the workforce, so the consumer spending that fuels economic expansion and job creation could take a hit. When young people earn enough money to strike out on their own, marry, and start families, it typically spurs additional spending — on places to live, furniture and appliances, vehicles, and other products and services that are needed to set up a new household.

On the other hand, when people retire, they typically reduce their spending and focus more on preserving their savings. Moreover, retirees' spending habits are often different from when they were working. As a group, retirees tend to avoid taking on debt, have more equity built up in their homes, and may be able to downsize or move to places with lower living costs. More spending is devoted to covering health-care costs as people age.

If a larger, older population is spending less and the younger population is too small to drive up consumer spending, weaker overall demand for products and services could restrain GDP growth and inflation over the long term. Less borrowing by consumers and businesses could also put downward pressure on interest rates.

### A new normal?

The onslaught of retiring baby boomers has long been expected to threaten the viability of Social Security and Medicare, mainly because both are funded by payroll taxes on current

workers. But this may not be the only challenge.

A 2016 working paper by Federal Reserve economists concluded that declining fertility and labor force participation rates, along with increases in life expectancies, accounted for a 1.25 percentage point decline in the natural rate of real interest and real GDP growth since 1980. Furthermore, the same demographic trends are expected to remain a structural impediment to economic growth for years to come.<sup>5</sup>

Put simply, a nation's potential GDP is a product of the number of workers times the productivity (output) per worker, and the U.S. workforce is shrinking in relation to the total population.

The labor force participation rate — the percentage of the civilian labor force age 16 and older who are working or actively looking for work — peaked at 67.3% in early 2000, not coincidentally the last time GDP grew by more than 4%. The participation rate has dropped steadily since then; in August 2017, it was 62.9%. This reflects lower birth rates, increased college enrollment, some men in their prime working years dropping out of the labor force, and large numbers of retiring baby boomers.<sup>6</sup>

Many economists acknowledge that U.S. population trends are a force to be reckoned with, but the potential impact is still up for debate. Some argue that labor shortages could drive up wages and spending relatively soon, followed by higher growth, inflation, and interest rates — until automated technologies start replacing larger numbers of costly human workers.<sup>7</sup>

Even if demographic forces continue to restrain growth, it might not spell doom for workforce productivity and the economy. Another baby boom would likely be a catalyst for consumer spending. Family-friendly policies such as paid maternity leave and day-care assistance could provide incentives for women with children to remain in the workforce. It's also possible that a larger percentage of healthy older workers may delay retirement — a trend that is already developing — and continue to add their experience and expertise to the economy.<sup>8</sup>

1, 3) The Conference Board, February 24, 2017

2) *The Wall Street Journal*, January 16, 2017

4-5) Federal Reserve, 2016

6, 8) *The Financial Times*, October 25, 2016

7) U.S. Bureau of Labor Statistics, 2016-2017, Bureau of Economic Analysis 2017

## Don't Delay: The Potential Benefits of Starting to Save Now



For long-term investment goals such as retirement, time can be one of your biggest advantages. That's because time allows your investment dollars to do some of the hard work for you through a mathematical principle known as compounding.

### The snowball effect

The premise behind compounding is fairly simple. You invest to earn money, and if those returns are then reinvested, that money can also earn returns.

For example, say you invest \$1,000 and earn an annual return of 7% — which, of course, cannot be guaranteed. In year one, you'd earn \$70 and your account would be worth \$1,070. In year two, that \$1,070 would earn \$74.90, which would bring the total value of your account to \$1,144.90. In year three, your account would earn \$80.14, bringing the total to \$1,225.04 — and so on. Over time, if your account continues to grow in this manner, the process can begin to snowball and potentially add up.

### Time and money

Now consider how compounding works over long time periods using dollar-cost averaging (investing equal amounts at regular intervals), a strategy many people use to save for retirement.<sup>1</sup> Let's say you contribute \$120 every two weeks. Assuming you earn a 7% rate of return each year, your results would look like this:

Time period	Amount invested	Total accumulated
10 years	\$31,200	\$45,100
20 years	\$62,400	\$135,835
30 years	\$93,600	\$318,381

After 10 years, your investment would have earned almost \$14,000; after 20 years, your money would have more than doubled; and after 30 years, your account would be worth more than three times what you invested.<sup>2</sup> That's the power of compounding at work. The longer you invest and allow the money to grow, the more powerful compounding can become.

### The cost of waiting

Now consider how much it might cost you to *delay* your investing plan. Let's say you set a goal of accumulating \$500,000 before you retire. The following scenarios examine how much you would have to invest on a monthly basis, assuming you start with no money and earn a 7% annual rate of return (compounded monthly).

Time frame to retirement	40 years	35 years	30 years	25 years
Retirement accumulation goal	\$500,000	\$500,000	\$500,000	\$500,000
Annual rate of return	7%	7%	7%	7%
Monthly contribution needed	\$190	\$278	\$410	\$617

So the less time you have to pursue your goal, the more you will likely have to invest out of pocket. The moral of the story? Don't put off saving for the future. Give your investment dollars as much time as possible to do the hard work for you.

<sup>1</sup> Dollar-cost averaging does not ensure a profit or prevent a loss. It involves continuous investments in securities regardless of fluctuating prices. You should consider your financial ability to continue making purchases during periods of low and high price levels. All investing involves risk, including the possible loss of principal, and there is no guarantee that any investment strategy will be successful. Review your progress periodically and be prepared to make adjustments when necessary.

<sup>2</sup> Assumes 26 contributions per year, compounded bi-weekly.

These hypothetical examples are used for illustrative purposes only and do not represent the performance of any specific investment. Fees and expenses are not considered and would reduce the performance shown if they were included. Actual results will vary. Rates of return will vary over time, particularly for long-term investments. Investments with the potential for higher rates of return also carry a greater degree of risk of loss.

## Carmel-Quintero Financial Services

26600 Detroit Road

Suite 130

Westlake, OH 44145

440-471-8441

Todd.Carmel@RaymondJames.com

This information, developed by an independent third party, has been obtained from sources considered to be reliable, but Raymond James Financial Services, Inc. does not guarantee that the foregoing material is accurate or complete. This information is not a complete summary or statement of all available data necessary for making an investment decision and does not constitute a recommendation. The information contained in this report does not purport to be a complete description of the securities, markets, or developments referred to in this material. This information is not intended as a solicitation or an offer to buy or sell any security referred to herein. Investments mentioned may not be suitable for all investors. The material is general in nature. Past performance may not be indicative of future results. Raymond James Financial Services, Inc. does not provide advice on tax, legal or mortgage issues. These matters should be discussed with the appropriate professional.

Securities offered through Raymond James Financial Services, Inc., member FINRA/SIPC, an independent broker/dealer, and are not insured by FDIC, NCUA or any other government agency, are not deposits or obligations of the financial institution, are not guaranteed by the financial institution, and are subject to risks, including the possible loss of principal.



21<sup>ST</sup> CENTURY SHOPPING STRATEGY: SPREAD OFFENSE

©2017 BROADRIDGE INVESTOR COMMUNICATION SOLUTIONS, INC.



Imagine that you receive an email with an urgent message asking you to verify your banking information by clicking on a link. Or maybe you get an enticing text message claiming that you've won a free

vacation to the destination of your choice — all you have to do is click on the link you were sent. In both scenarios, clicking on the link causes you to play right into the hands of a cybercriminal seeking your sensitive information. Just like that, you're at risk for identity theft because you were tricked by a social engineering scam.

Social engineering attacks are a form of digital deception in which cybercriminals psychologically manipulate victims into divulging sensitive information. Cybercriminals "engineer" believable scenarios designed to evoke an emotional response (curiosity, fear, empathy, or excitement) from their targets. As a result, people often react without thinking first due to curiosity or concern over the message that was sent. Since social engineering attacks appear in many forms and appeal to a variety of emotions, they can be especially difficult to identify.

Take steps to protect yourself from a social

engineering scam. If you receive a message conveying a sense of urgency, slow down and read it carefully before reacting. Don't click on suspicious or unfamiliar links in emails, text messages, and instant messaging services. Hover your cursor over a link before clicking on it to see if it will bring you to a real URL. Don't forget to check the spelling of URLs — any mistakes indicate a scam website. Also be sure to look for the secure lock symbol and the letters *https*: in the address bar of your Internet browser. These are signs that you're navigating to a legitimate website.

Never download email attachments unless you can verify that the sender is legitimate. Similarly, don't send money to charities or organizations that request help unless you can follow up directly with the charitable group.

Be wary of unsolicited messages. If you get an email or a text that asks you for financial information or passwords, do not reply — delete it. Remember that social engineering scams can also be used over the phone. Use healthy skepticism when you receive calls that demand money or request sensitive information. Always be vigilant and think before acting.