

Vanguard[®]

Principles for investing success

We believe you give yourself the best chance of investment success if you focus on what you can control.

The value of investments, and the income from them, may fall or rise and investors may get back less than they invested.

Important information

If you have any questions related to your investment decision or the suitability or appropriateness for you of the product[s] described in this document, please contact your financial adviser.

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Focus on what you can control

It's very easy, and very tempting, to focus on the markets, the economy, manager ratings or the performance of individual funds. This may lead you to overlook the basic principles that we believe can give you the best chance of investment success.

Vanguard's principles for investing success rest on one key theme: Focus on the things you can control.



Goals

Create clear, appropriate investment goals

The investment process begins by setting measurable and attainable investment goals and developing plans for reaching those goals.



Balance

Develop a suitable asset allocation using broadly diversified funds

A successful investment strategy starts with establishing an appropriate asset allocation suitable for meeting your objectives, based on reasonable expectations of risk and potential returns. The use of diversified investments helps to limit exposure to unnecessary risk.



Cost

Minimise costs

You can't control the markets, but you can control how much you pay to invest. Every pound or euro that you pay in costs and charges comes directly out of your potential return. Indeed, research suggests that lower-cost investments have tended to outperform higher-cost alternatives.



Discipline

Maintain perspective and long-term discipline

Investing evokes emotion that can disrupt the plans of even the most sophisticated investors. You can counter emotions with discipline and a long-term perspective. This can help you stick to your plan.

Successful investing begins by setting measurable and attainable investment goals and developing plans for reaching those goals.

1. Goals

Create clear, appropriate investment goals

We believe that successful investing begins by setting measurable and attainable investment goals and developing a plan for reaching those goals. Keeping your plan on track means evaluating progress on a regular and ongoing basis.

Fail to plan, plan to fail

Investors without a plan often construct portfolios by evaluating the merits of each investment or fund individually. If the evaluation is positive, they add the investment to their portfolio, often without considering whether it fits. Common mistakes include buying funds with good recent performance in the hope that it will

continue, and trying to time market peaks and troughs with buying and selling at exactly the right times. Our research shows that such efforts are incredibly difficult to get right, even for professional investors.

Focus on your goals

Collecting top-performing funds and trying to time markets can result in a portfolio that contains more risk than you're willing to take, or a portfolio with little chance of achieving your investing goals. You can avoid these mistakes by working through your current situation and setting some reasonable goals, along with a plan based on your unique circumstances.

Below are some of the items that such a plan may include.

Investment plan considerations

Objective	How much money you need to achieve a goal, such as retirement
Time horizon	The number of years you have to reach the goal
Risk profile	The level of risk you are willing to take to achieve your goal
Savings rate	How much you can invest at the start, and regularly thereafter
Investment mix	The broad mix of investment types you'll use to achieve your goal (often referred to as your 'asset allocation')
Monitoring	How your portfolio will be monitored and adjusted to maintain its asset allocation target

About equities and bonds

Equities, also referred to as 'shares', represent a share of ownership in a listed public company. They trade on stock exchanges and their prices can be quite volatile on a daily basis. Historically, equities have offered the best prospect for long-term growth.

Bonds, on the other hand, represent a type of loan to a government or company, in return for which they promise to pay the lender a certain amount of interest over

a given period and to repay the sum borrowed at the end of the period. The long-term rate of return for bonds tends to be lower than equities, but prices and income have tended to be more stable.

Rather than buying individual shares or bonds, most investors prefer to invest in equity and bond funds, which offer access to tens of thousands of shares and/or bonds in one investment.

2. Balance



Develop a suitable asset allocation using broadly diversified funds

No doubt you've heard there's no reward without risk. That's as true of investing as it is of anything else in life. You can't control what happens in the markets, but understanding the historical patterns of equities and bonds can help you handle risk in your own portfolio and select the right balance of investments for you.

Getting the balance right for you

Achieving long-term financial goals means accepting the trade-off between risk and reward, and appreciating the historical characteristics of different types of investments.

Equities have historically offered higher returns over the long run than bonds, but they've also typically carried more short-term risk. The mix of equities and bonds that you choose will depend on how much risk you're willing to take to achieve an expected return. And that depends on why you're investing, and how long a period of time you have

until you will need your money. Always remember that the value of investments, and the income from them, may fall or rise and you may get back less than you invested.

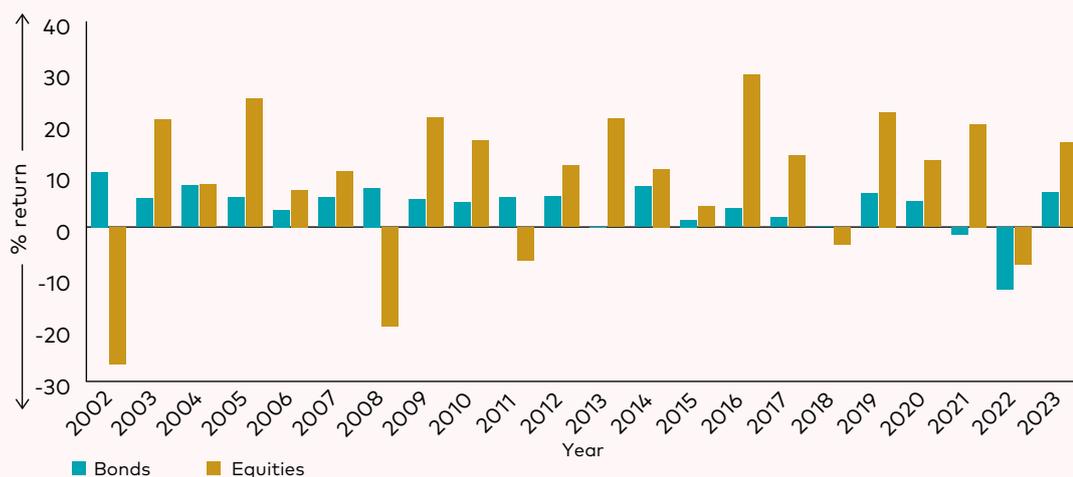
The graph below shows the risk/return trade-off for global equities and bonds. While equities have had some much bigger gains in many individual years, they have also suffered much bigger losses. Every investor is different, so you need to think about how much investment risk you are willing and able to take.

Diversification: a broad mix can reduce risk

In order to reduce your risk, you need to diversify – that is, spread your portfolio across a broad mix of investments. Diversifying your portfolio can help smooth out returns through market ups and downs – so better-performing investments help offset those that aren't performing so well.

Always remember that the value of investments, and the income from them, may fall or rise and investors may get back less than they invested.

The performance of equities and bonds, 2002-2023

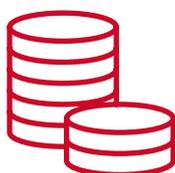


Past performance is not a reliable indicator of future returns.

The performance of an index is not the exact representation of any particular investment. As you cannot invest directly into an index, the performance shown in this table does not include the costs of investing in the relevant index. Basis of performance NAV to NAV with gross income reinvested. Sources: Bloomberg. Data period from 31 December 2001 to 29 December 2023. Indices used: Bonds: Bloomberg Global Aggregate Total Return Bond Index, hedged in pounds sterling. Equities: FTSE All-World Total Return Equity Index, in pounds sterling.

**You can't control what happens
in the markets, but you can
control how much you pay
to invest.**

3. Costs



Minimise expenses

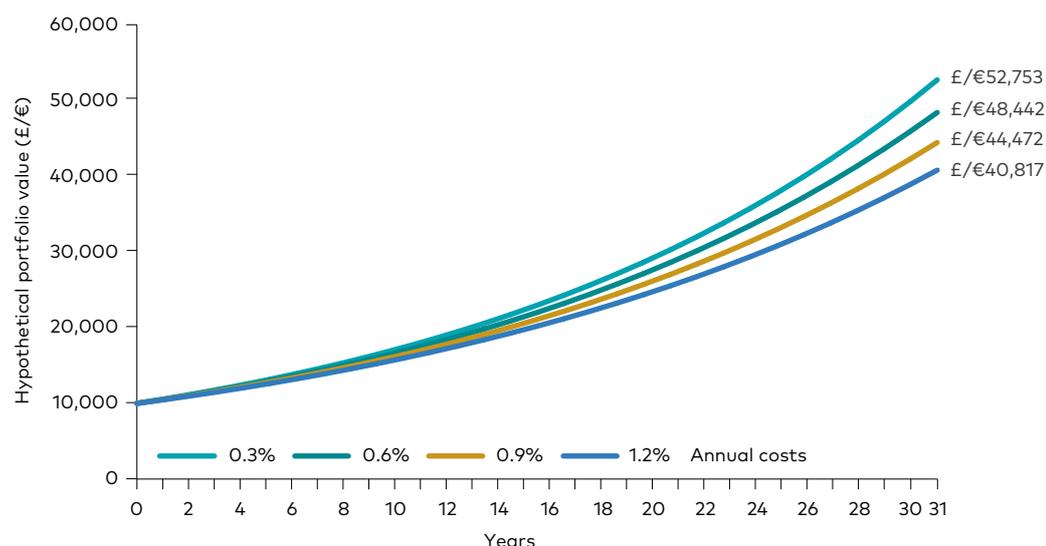
Whatever investments you choose, you increase your chance of outperformance by focusing on those with lower costs. That's because the lower the charges, the more you get to keep of any returns the funds achieve. Remember that fund costs are incurred regardless of fund performance.

Using a hypothetical example (which does not represent any particular investment), the graph below illustrates the potential impact of costs on an initial investment of £/€10,000 over a 30-year period. This graph assumes

6% average growth per annum which is compounded year on year. As the chart shows, investing in a fund that charges 0.3% compared with one that charges 1.2% could potentially provide an additional £/€11,936 in returns over a 30-year period. Understanding the impact of costs on long-term returns is a key step towards achieving investing success.

It is important to note that costs are not the only factor that could impact your returns. This example assumes growth of 6%, but in reality, returns may vary and you may get a lower return from a fund with lower investment costs.

Growth of a £/€10,000 initial investment over a 30-year period, assuming 6% growth per annum



This hypothetical example assumes an initial investment of £/€10,000, growing at an annual rate of 6% per annum over 30 years, with all profits reinvested. Costs are applied annually based on the total value of the portfolio over time. As it is hypothetical, this example does not represent any particular investment.

Source: Vanguard.

A balanced and cost-effective asset allocation works only if you stick to it over time and through market ups and downs.

4. Discipline



Maintain perspective and long-term discipline

Discipline in investing is the ability to stick to your investment plan over time and through varying market conditions.

Successful investing takes time. It can evoke strong emotions that often lead us to want to make impulsive decisions—like panic selling during a period of market volatility, for example.

Maintaining discipline and perspective can help you remain committed to your long-term investment plan, helping you avoid potentially harmful emotional decisions during periods of market uncertainty.

There are four core components to being a disciplined investor:

1. Making regular investment contributions.
2. Staying invested through periods of market volatility.
3. Rebalancing your portfolio to maintain a suitable asset allocation.
4. Having a disciplined spending strategy.

Making regular investment contributions

Making regular contributions to your portfolio, and increasing them over time, can have a powerful impact on your long-term results. By consistently reserving a portion of your regular income plus any increases in salary or additional income earned, you can take advantage of the opportunity to earn returns on these additional savings over time. In fact, increasing how much you save each year can be more powerful than investing in a riskier portfolio with potentially higher returns.

Staying invested through volatile times

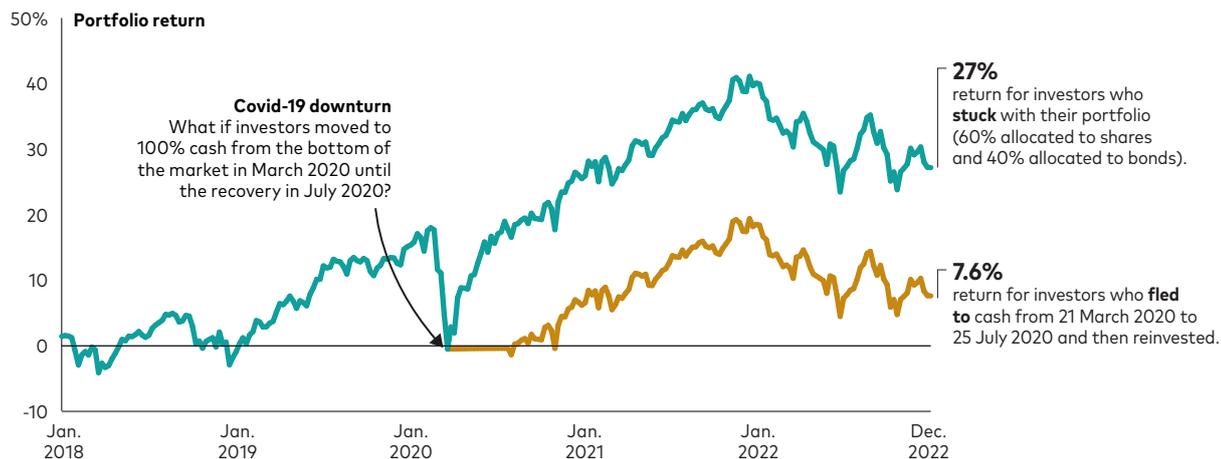
We naturally associate investment success with strong investment returns. However, returns over shorter periods of time are often unpredictable and outside of our control. Tuning out the noise can help you maintain discipline and avoid the temptation to alter your investments in response to short-term market falls.

The chart below illustrates the importance of discipline by comparing the returns of an investor who abandoned his investment plan during the COVID market decline in 2020 with an investor who stuck to her asset allocation throughout the period. Both investors begin with equal portfolios composed of 60% equities and 40% bonds, but the first investor sells his assets in March 2020, moving the proceeds into cash until the market recovers in July 2020, when he re-invests his money back into a 60/40 portfolio allocation. Meanwhile, the investor who stuck to her investment plan recovered her losses more quickly and earned superior returns (blue line) than the investor who didn't stay the course and cashed out of for just a short period of time.

Abandoning your plan can actually wind up adding to your stress, and means you have to decide when to time your re-entry back into the market—for many investors, this ends up being when valuations have moved higher than when you exited and at a lower account balance than if you had stayed invested.

The importance of maintaining discipline: Reacting to market volatility can jeopardise returns

What if investors shifted to cash at the bottom of the Covid-19 downturn and stayed there until the market recovered?



Past performance is not a reliable indicator of future returns.

Notes: Stocks are represented by the MSCI All Country World Index; bonds are represented by the Bloomberg Global Aggregate Bond Index (GBP Hedged). Hedged means investments are hedged back to the local currency to manage uncertainty around currency fluctuations. Cash is represented by the Intercontinental Exchange (ICE) 3-month Libor. This is a rate at which banks lend to each other in wholesale markets. All returns are in pounds sterling and in nominal terms, with income reinvested.

Sources: Vanguard calculations, using data from Morningstar, Inc.

Rebalancing to maintain your target asset mix

Asset allocation is one of the most crucial decisions for achieving your investment goals. Yet over time, your portfolio can unintentionally drift from its original allocation due to market shifts and changes. Rebalancing helps keep your portfolio in balance and ensures it remains aligned with your investment goals and your appetite for risk.

to your spending plan is key to ensuring you stay on track and ensuring your investments generate the returns you need to support your requirements.

It can be especially difficult to remain disciplined during periods of heightened inflation, when the prices of goods and services are rising significantly, or when faced with challenging situations. But maintaining a conscious spending plan can help ensure your accumulated wealth remains sufficient to achieving your long-term spending goals.

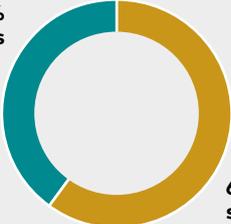
Staying disciplined in your spending

For investors who are approaching retirement or already drawing an income from their portfolio, sticking

How rebalancing works

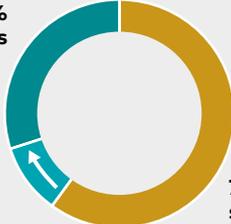
1

A portfolio has a target blend of 60% shares and 40% bonds.



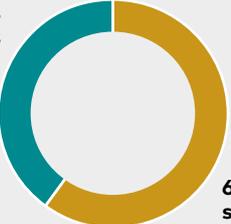
2

Shares outperform bonds, which leads to the proportion of shares to bonds increasing. The portfolio may now have moved outside its target blend of shares and bonds. The model portfolio manager sells some holdings in equity funds and buys some more bond funds.



3

The portfolio returns to its target allocation that matches the investor's desired risk/return profile.



Note: This is a hypothetical example of how rebalancing works in a typical multi-asset fund. It does not reflect any particular fund or portfolio.

Source: Vanguard.

Glossary

Active fund management

This is an approach to investing that sees an investment manager select shares and other assets in accordance with the fund's investment objectives.

Asset, asset class

A category of investment that displays similar characteristics, for example, shares, bonds or property.

Bonds

This is a loan issued by a government, public-sector body or company. Bonds usually pay a fixed rate of annual interest—hence why they are also known as fixed-income assets—while the original sum borrowed is typically repaid at a specific future date.

Diversification

This is a strategy designed to reduce the risk in an investment portfolio by holding a wide range of assets. This helps to manage risk because better-performing investments can help to offset those that perform less well, over time.

Equities

Another word for ordinary company shares, which represent an ownership stake in the business.

Fund

An investment product that pools the money of many investors to buy shares and/or other assets.

Fund manager

This is the person or company who manages a fund. In an active fund, they will make the investment decisions. In an index fund, they will make sure the fund is closely tracking the index.

Index

An index typically measures the performance of a basket of investments that are intended to replicate a certain area of the market. Indices are often used as benchmarks against which to evaluate the performance of an investment, such as a fund.

Index fund

An investment fund that aims to closely match the returns of a specified market index. The fund may hold all of the constituents of the particular index or purchase a sample of constituents so that its performance is as close as possible to the index.

Index provider

An index provider is a company that designs and calculates indices (as defined above). They set the rules on what is included in the index, how it is managed and how constituents will be added or removed over time.

Portfolio

This is a collection of individual investments or funds that is usually created to meet specific goals, such as long-term capital growth. A model portfolio is a pre-built collection of investments, where a model portfolio manager or financial adviser selects the investments (usually funds) within the model portfolio.

Risk

The likelihood that the return on an investment will differ from what is expected. There are different types of risk, including market risk (the chance that returns will fluctuate) and shortfall risk (the possibility that a portfolio will fail to meet its longer-term objective). Different investors have different tolerances for risk based on factors such as their personal circumstances and their investment timeframe.

Volatility

The extent to which investment values fluctuate over time. When investors are uncertain about the economic environment or geopolitical events, short-term volatility tends to increase.

About Vanguard

The Vanguard Group launched its first index fund in 1976 in the US and investors worldwide now trust us to manage over \$8.6 trillion worth of their assets as at 31 December 2023.

Our unique mutual ownership structure in the US, where we are owned by our clients, means our interests are aligned with those of our investors globally. As a result, investors in the UK and Europe benefit from our commitment to putting investors' interests first.

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