

Personal Investing Part B

An educational program for individuals and families anticipating or now in retirement

Investment Strategies



Hosted by York University's Retirement Planning Centre

Personal Investing Part B

Investment Strategies

An educational program for individuals and families anticipating or now in retirement

Knowing how to plan your investment strategy is an important step towards the achievement of your financial goals. In order to build your strategy, you will need to consider the following elements:

- Your financial goals
- Your investment objectives
- Your time horizon
- Your risk tolerance

These elements play a critical role in how your personal investment portfolio is structured.

A comprehensive investment strategy involves:

- 1) Creating a personal **investor profile**
- 2) Developing a **diversified** portfolio
- 3) Implementing investment **strategies**
- 4) Understanding **income tax** implications

This workshop will focus on the following:

1) Personal Investor Profile

While focusing on the four criteria that influence our investment choices, we can come to some conclusions on the appropriate asset allocation for our investment portfolio. Find out if you are best suited to income investing, balanced investing or growth investing.

2) Income Tax

Understanding how our investment earnings are taxed is extremely important in the investment planning process. Earnings are not all taxed in the same manner and can have a significant impact on our investment returns.

3) Diversification

Effective diversification involves more than simply spreading your money around. Diversification should reduce overall investment risk, and the different components of investment risk, while achieving a rate of return that is consistent with your investor profile.

4) Investment Strategies

A strategy is an approach to the selection and trading of investments within a diversified portfolio. The strategy should be consistent with the four criteria or elements as determined by the investor. Both passive and active investment strategies will be discussed.

Prerequisite: Completion of the *Personal Investing – The Basics* workshop or have an understanding of different types of investments. An understanding of how your financial goals, investment objectives, time horizon and personal risk tolerance impact your investment choice is also desirable. Knowledge and understanding of the types of investment risk and their relation to the three asset classes is important.

Completion of this workshop does not eliminate the need for financial advisors in the investment planning process. It is designed to provide knowledge and understanding and serve as a guide in effective decision-making.

- Financial education and counseling
- Objective, unbiased courses
- Network of alliances with qualified professionals

- To gain an awareness of the various factors to be considered in developing an investment strategy
- To acquire a working knowledge of several active and passive investment strategies

- **Introduction**
- **Investor Profiles**
- **Income Tax Implications**
- **Diversification**
- **Investment Strategies**
- **Closure**

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on its right side, suggesting it's resting on a surface.

Personal Investing Beyond the Basics

Personal Investor Profile

Examining personal:

- financial goals
- investment objectives
- time horizon
- risk tolerance

To formulate type of investor

Financial Goal:

A financial goal is a financial state or position that you want to achieve and/or the standard of living you wish to maintain or achieve. Your willingness and ability to save and invest your money plays an important role in the achievement of your goals. Your goals need to be specific, measurable and attainable.

Investment Objectives:

An investment objective is what you want your investment(s) to achieve and has a direct link to your financial goal(s).

The four investment objectives are:

- Safety of Capital
- Liquidity
- Income
- Growth

Time Horizon:

Time horizon refers to the period of time your investment(s) has before it is to be used in whatever manner you have determined. There are important differences between short, medium, and long-term investing

Risk Tolerance:

How much risk are you prepared to accept in exchange for potentially higher returns on your investment(s)? This, essentially, is what risk tolerance is about; and a very important component in the structure of your investment portfolio. Assessing these four criteria and coming up with a clear answer for each, will help you understand what type of investor you are.

Types of Investors

- Income
- Balanced
- Growth

Personal Investor Profile

Complete a personal investor profile (next page) and answer the following questions:

- What type of investor are you?
- What investments may be appropriate?

Investor Profile

Select your primary financial goal:

- ☐ Retirement
- ☐ Children's education
- ☐ Buy a car
- ☐ Buy a house
- ☐ Inheritance preservation
- ☐ Have my own business
- ☐ Buy a cottage
- ☐ Enjoy travel/recreation
- ☐ Other _____

1. What is the main goal for your savings or investments?

- ☐ **A** I want to make sure my money is secure because I receive income from my investments or I need to use the money in less than five years.
- ☐ **B** I am investing to make a major purchase in the next five to seven years.
- ☐ **C** I want my money to grow for the next seven years to ten years, or more. At present, I'm not too concerned about receiving income from my investments.

2. When do you expect to withdraw all or most of your investment?

- ☐ **A** I expect that I will need my money in two to five years.
- ☐ **B** I do not expect to need this money for the next five to ten years.
- ☐ **C** I am planning to keep this money invested for fifteen years or more.

3. When do you plan to retire?

- ☐ **A** I am retired or will be within five years.
- ☐ **B** I will retire between five and fifteen years from now.
- ☐ **C** I will retire more than fifteen years from now.

4. Suppose that your investments decline in value. How easily could you replace that reduction in value with other income?

- ☐ **A** It would be very difficult to replace that income.
- ☐ **B** With a few adjustments, I could replace the income.
- ☐ **C** I could easily replace, or don't need, the income.

5. Which statement best describes your financial situation? Consider your expenses, ability to repay loans, and saving for retirement and emergencies.

- ☐ **A** My financial situation is somewhat unstable.
- ☐ **B** I don't expect to use my investments to meet current needs. However, should an unexpected situation arise, I may need to access these funds.
- ☐ **C** My financial situation is secure and I can meet emergency requirements without drawing on my investments.

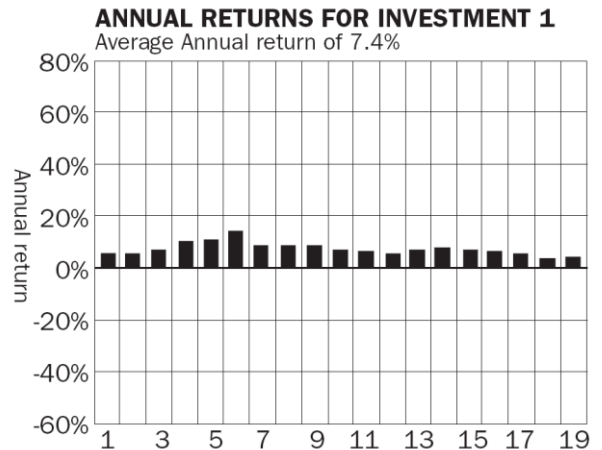
6. The following graphs show the historical returns of three hypothetical investments. Given the fluctuations in the returns of each investment, which investment would you choose?

☐ A Investment 1

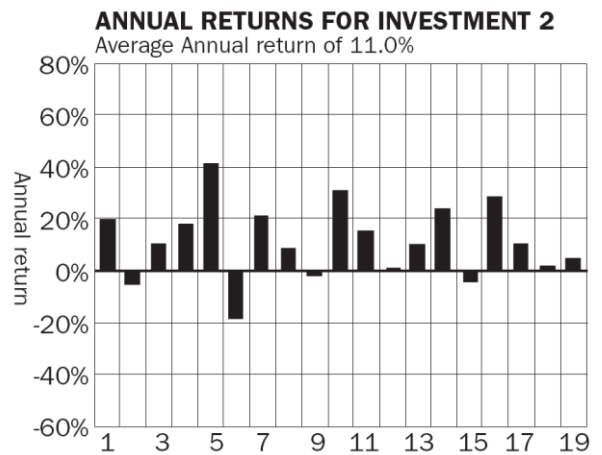
☐ B Investment 2

☐ C Investment 3

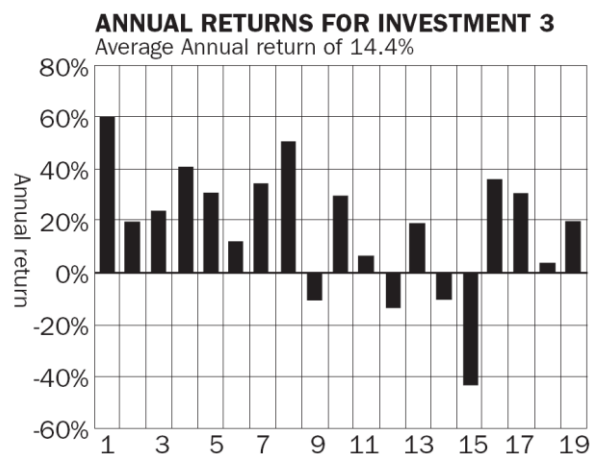
1



2



3



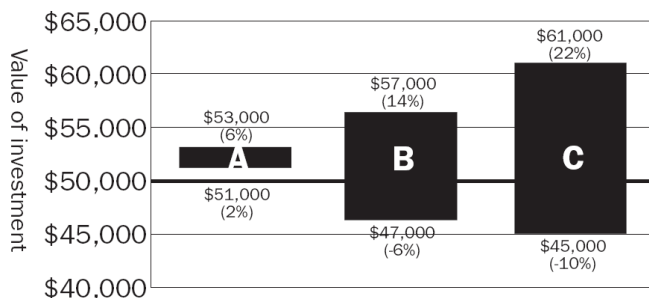
7. How often do you change an investment once you have made one?

- ☐ **A** Every year I review my investments and replace any that have declined in value.
- ☐ **B** I review my investments periodically and change some of them if they are earning less than I expected.
- ☐ **C** I monitor and review my portfolio regularly. I am primarily concerned with long term growth so I don't tend to make major changes, unless my reasons for investing have changed.

8. Suppose you have \$50,000 to invest in one of three different investments.

The chart below shows the range of possible values of the investments after one year (the number in brackets represents the one-year return associated with that investment value). Which investment would you be most comfortable with?

- ☐ **A**
- ☐ **B**
- ☐ **C**



9. Indicate the statement that most closely describes your approach to inflation.

- ☐ **A** To attempt to keep pace with inflation, I am willing to take on a low level of fluctuation in the value of my investments.
- ☐ **B** So that my investment returns may be somewhat higher than the level of inflation over the long run, I am willing to take on a moderate level of fluctuation in the value of my investments.
- ☐ **C** So that my investment returns may be significantly higher than the level of inflation over the long run, I am willing to take on a high level of fluctuation in the value of my investments.

10. Which statement best describes your approach to saving and investing?

- ☐ **A** I cannot afford to lose any of my money. I am not interested in higher returns if I could possibly lose some of the money.
- ☐ **B** I believe that to keep ahead of inflation and have the opportunity to get higher returns I'll need to invest some of my money in the stock market or stock mutual funds.
- ☐ **C** To get a superior return on my money, I need to invest a significant portion of my money in the stock market or stock mutual funds. I expect that my returns will go up and down, but over the long term I will achieve significant growth.

INVESTOR PROFILE

Add up your responses.

1. I answered **A)** _____ times.
2. I answered **B)** _____ times.
3. I answered **C)** _____ times.

Calculate:

Answer from 1 above multiplied by
10=_____ (i)

Answer from 2 above multiplied by
20=_____ (ii)

Answer form 3 above multiplied by
30=_____ (iii)

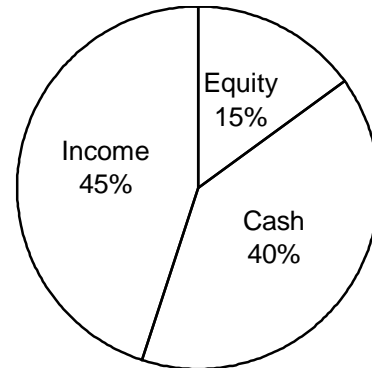
Add together lines (i), (ii) and (iii)
= _____ YOUR SCORE

A score of 170 or less • Income Investor
A score of 171-250 • Balanced Investor
A score of 251 or more • Growth Investor

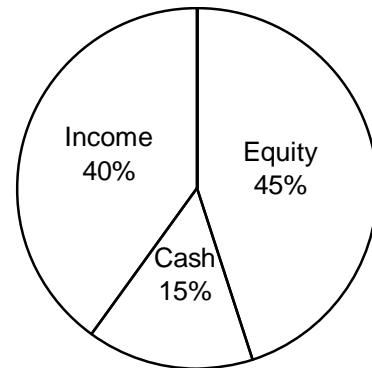
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Sample Portfolios

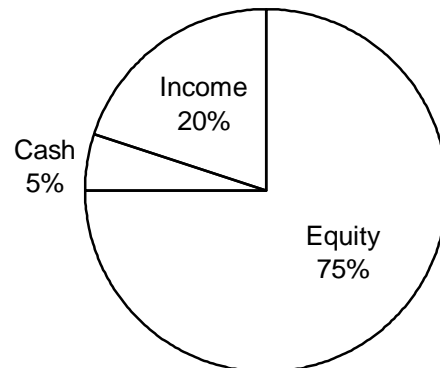
Conservative



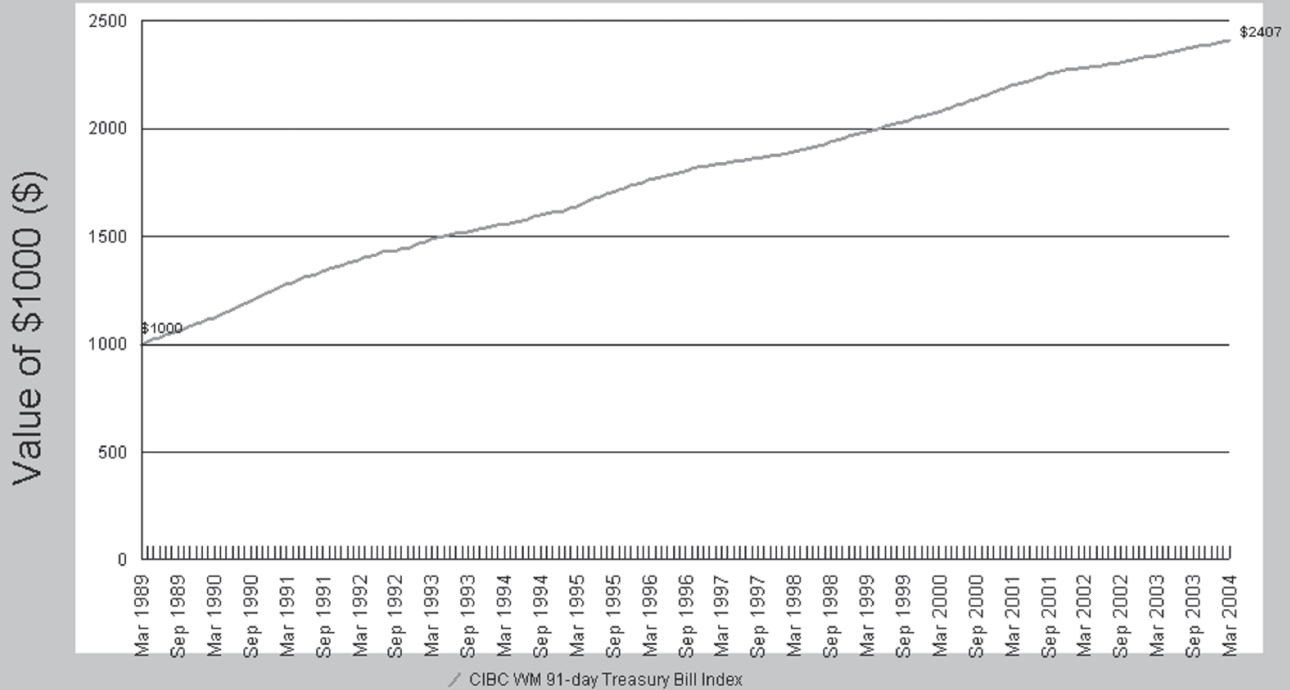
Balanced



Growth

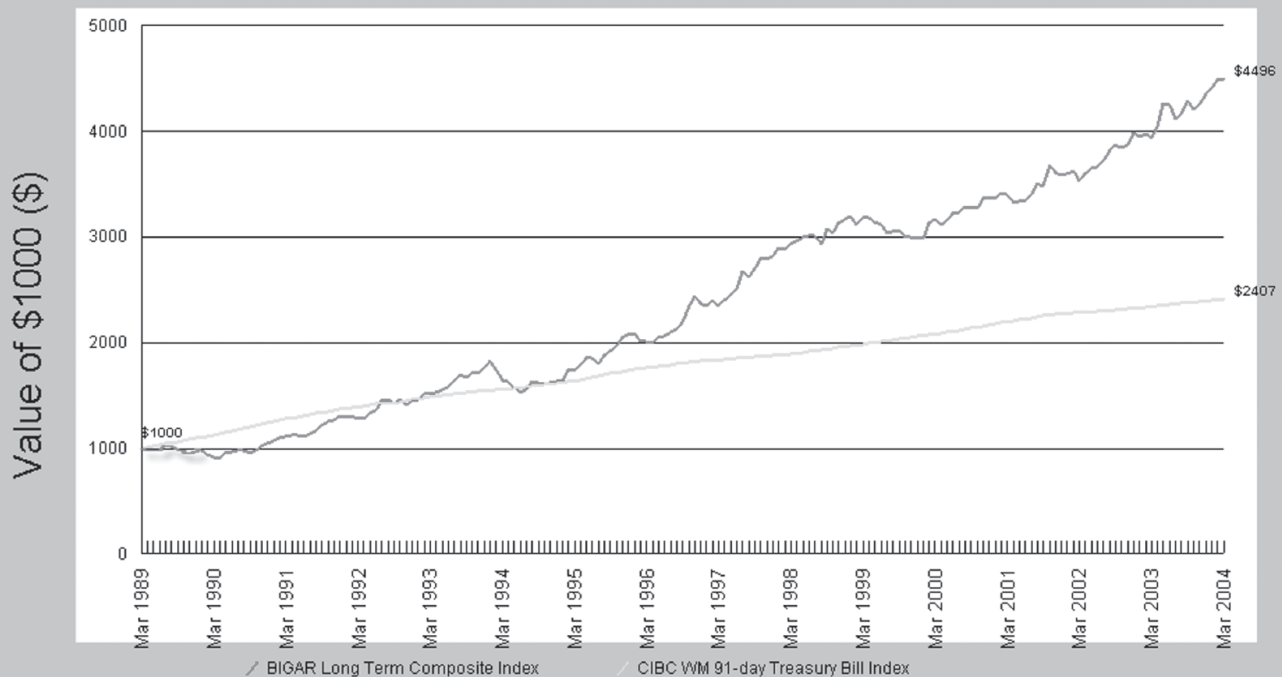


Value of \$1000 from Mar 1989 to Mar 2004



T-Bill
6%

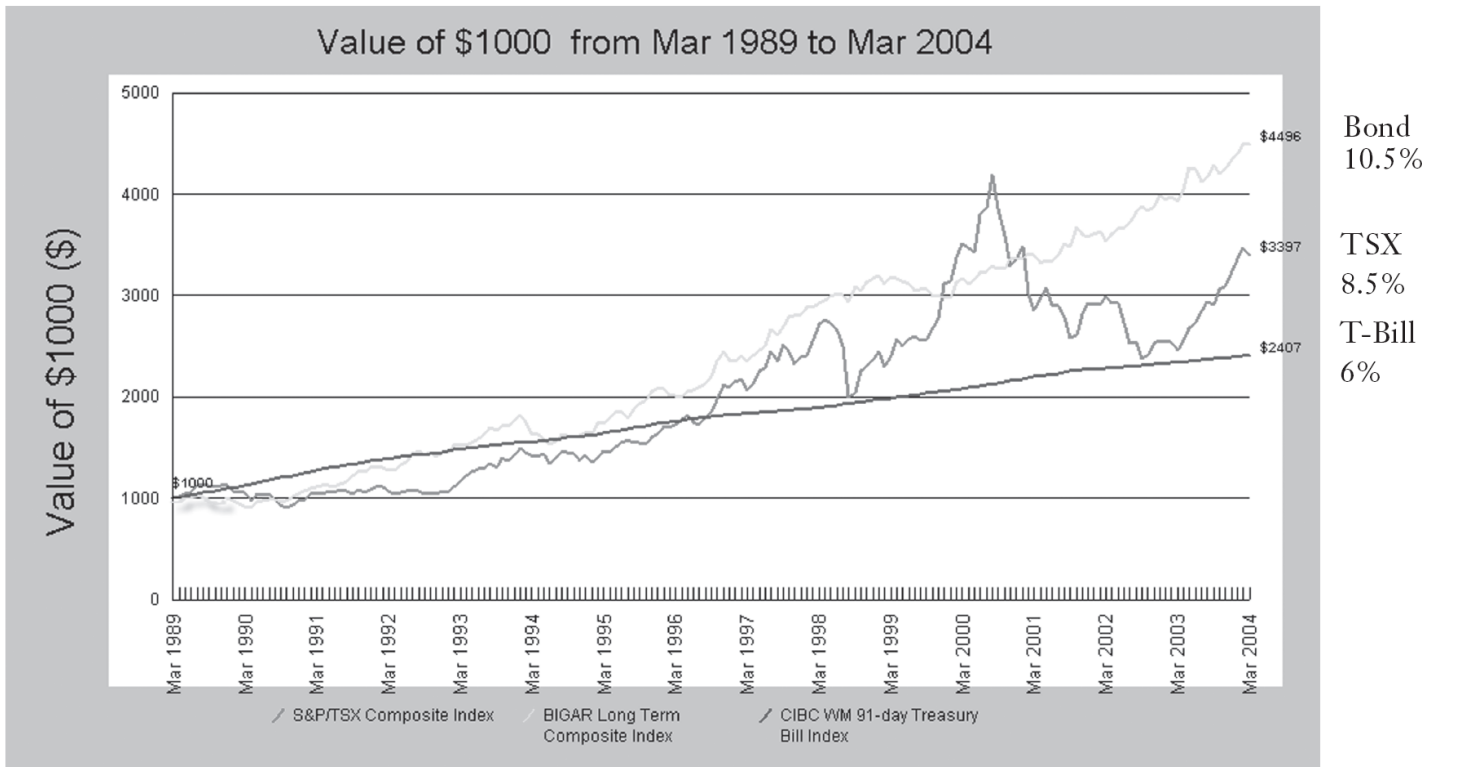
Value of \$1000 from Mar 1989 to Mar 2004



Bond
10.5%

T-Bill
6%

Source: Paltrak

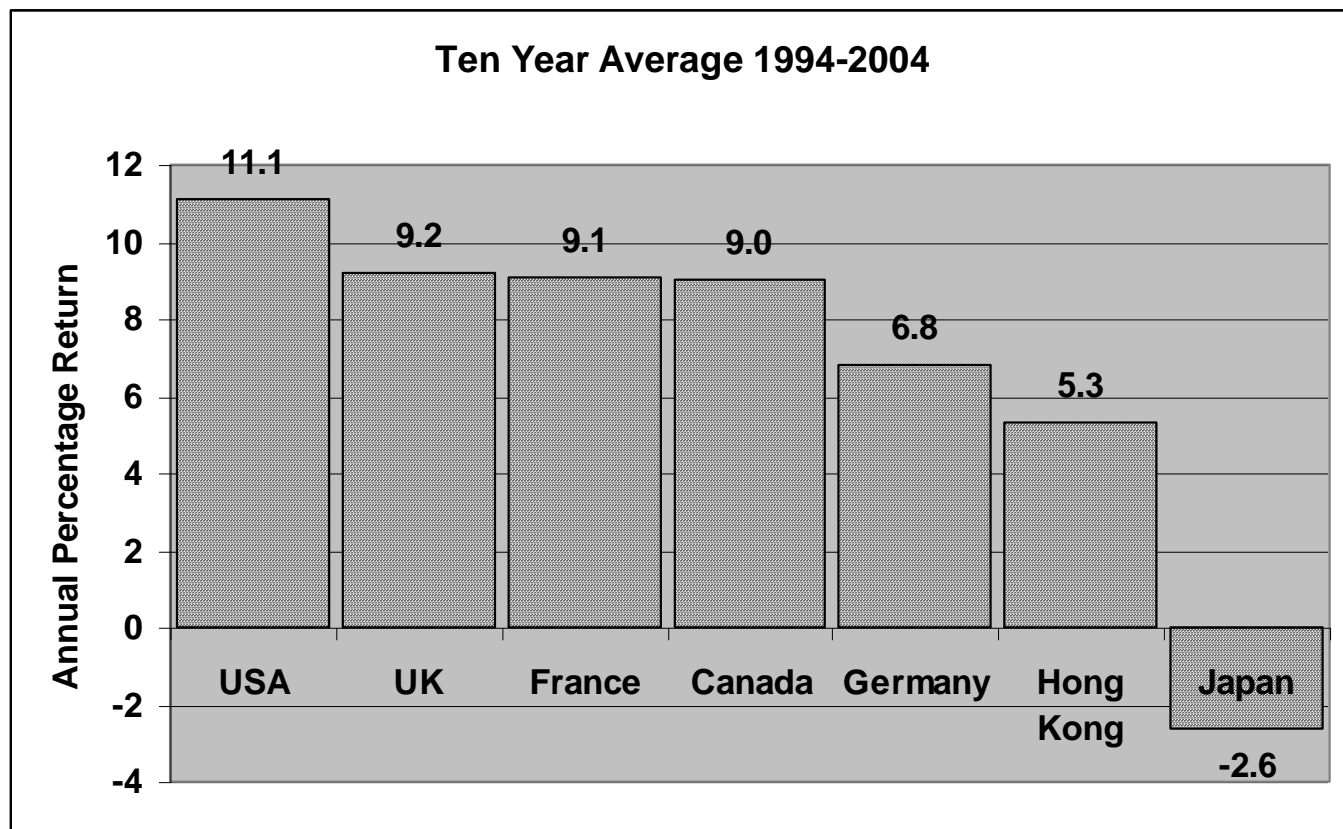


Source: Paltrak

Best Performing Equity Markets

| Year | CAN TSX | US SP500 | UK | JAPAN | HONG KONG | GERMANY | FRANCE |
|----------|------------|-------------|-------|-------|--------------|---------|--------|
| Mar 2004 | 37.7 | 20.5 | 35.3 | 54.5 | 45.3 | 59.5 | 43.6 |
| Mar 2003 | -17.6 | -30.6 | -27.8 | -22.6 | -26.0 | -43.8 | -33.4 |
| Mar 2002 | 4.9 | 1.3 | -0.8 | -19.6 | -5.9 | -4.7 | -5.5 |
| Mar 2001 | -18.6 | -15.0 | -11.1 | -30.1 | -17.5 | -20.4 | -10.7 |
| Mar 2000 | 45.5 | 13.6 | 2.3 | 44.6 | 49.5 | 30.8 | 29.1 |
| Mar 1999 | -11.3 | 26.2 | 10.6 | 21.8 | 0.1 | 3.0 | 16.1 |
| Mar 1998 | 31.3 | 51.5 | 47.0 | -12.2 | -9.0 | 33.6 | 37.5 |
| Mar 1997 | 20.1 | 21.7 | 29.1 | -26.5 | 21.5 | 23.3 | 22.2 |
| Mar 1996 | 17.9 | 28.7 | 13.5 | -1.2 | 26.2 | 14.9 | 7.5 |
| Mar 1995 | 2.0 | 16.8 | 15.3 | 1.7 | -3.7 | 10.9 | 9.4 |
| Mar 1994 | 23.4 | 11.3 | 23.2 | 35.4 | 59.3 | 34.2 | 18.7 |

Paltrak



Investment Earnings

- Interest
- Dividend
- Capital Gain

Interest:

A cost of borrowing money. The borrower pays it and the lender receives it.

Dividend:

The profits of a corporation being passed on to it's shareholders. The company is not legally bound to pay out dividends.

Capital Gain:

The profit resulting from the sale of a capital asset.

Investment Earnings Exercise

Match the following investments with type of earnings (more than one may apply):

| | <u>Cap Gains</u> | <u>Dividends</u> | <u>Interest</u> |
|---------------------|--------------------------|--------------------------|--------------------------|
| Common Share | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Canada Savings Bond | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Savings Account | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Bond | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Preferred Share | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Term Deposit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Mutual Fund | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Income Tax Implications

- **Interest** Fully taxable
- **Dividend** Gross up 44%, tax credit 24%
- **Capital Gain** 50% taxable

- Interest is fully taxable, in the same manner as employment income. Interest is taxable as earned, whether or not it is received.
- Dividend income from Canadian companies is subject to a gross-up of 44% in calculating taxable income. A tax credit of 24% of the grossed-up amount is available to reduce income tax payable.
- Only 50% of a realized capital gain is taxable, and can be offset against available capital losses.

These marginal tax rates apply to most sources of income including employment, business and pension income.

Impact of taxes and inflation on Investment growth

Future value of \$1,000 lump for 10 years

- **Tax rate of 31%**
- **Inflation rate of 3%**

| Nominal Rate of Return | Future Value Using | | |
|------------------------|--------------------|----------------|--------------------------------|
| | Nominal Rate Only | After Tax Rate | After Tax After Inflation Rate |
| 4% | \$ 1,480 | \$ 1,313 | \$ 968 |
| 5% | \$ 1,629 | \$ 1,404 | \$ 1,035 |
| 6% | \$ 1,791 | \$ 1,500 | \$ 1,106 |
| 7% | \$ 1,967 | \$ 1,603 | \$ 1,182 |
| 8% | \$ 2,159 | \$ 1,711 | \$ 1,262 |
| 9% | \$ 2,367 | \$ 1,827 | \$ 1,347 |
| 10% | \$ 2,594 | \$ 1,949 | \$ 1,437 |
| 11% | \$ 2,839 | \$ 2,078 | \$ 1,533 |
| 12% | \$ 3,106 | \$ 2,216 | \$ 1,634 |
| 13% | \$ 3,395 | \$ 2,361 | \$ 1,741 |
| 14% | \$ 3,707 | \$ 2,515 | \$ 1,854 |
| 15% | \$ 4,046 | \$ 2,677 | \$ 1,974 |

| | <u>INTEREST INCOME</u> | <u>DIVIDEND INCOME</u> | <u>CAPITAL GAIN INCOME</u> |
|---------------------|----------------------------|----------------------------|--------------------------------|
| Above \$127,000 | 46% | 27% | 23.0% |
| \$77,000- \$127,000 | 43% | 22% | 21.5% |
| \$41,000 - \$77,000 | 31% | 10% | 16.5% |
| Up to 41,000 | 20% | -6% | 10% |

Diversification

- What is diversification?
- Why is diversification important?

Diversification

The single most important element of investment planning is diversification. There are three ways to diversify your investments:

Among asset classes

Within asset classes

Over time

Among asset classes

Over time

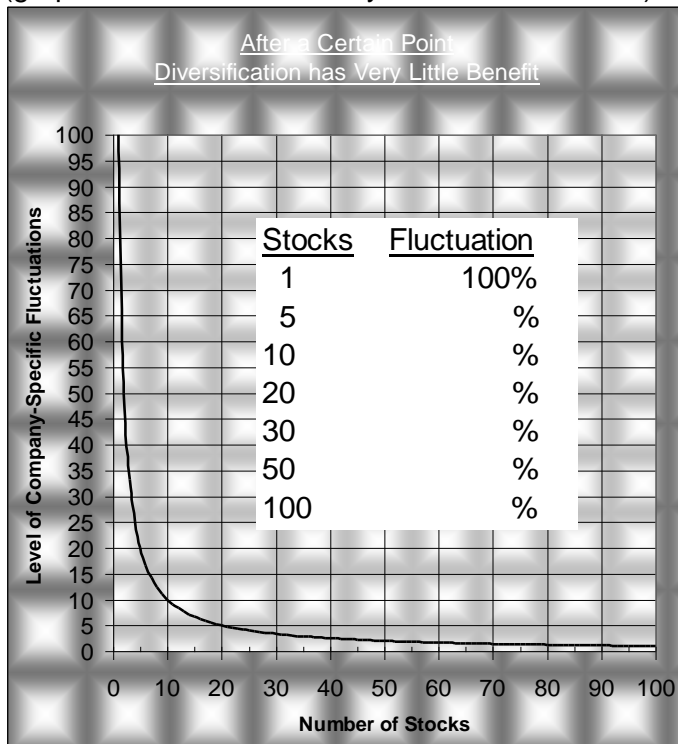
Illustration of diversifying *among* and *within* asset categories:

Portfolio 1 - \$10,000 in short-term bonds @ 7% over 25 years.

Portfolio 2 - \$10,000 split between 5 asset classes over 25 years.

| Portfolio 1 | | Portfolio 2 | | |
|-------------|----------|-------------|-------|-----------|
| \$10,000 | @ 7% | \$2,000 | Lost | \$0 |
| | | \$2,000 | @ 0% | \$2,000 |
| | | \$2,000 | @ 7% | \$10,855 |
| | | \$2,000 | @ 10% | \$21,669 |
| | | \$2,000 | @ 15% | \$65,838 |
| \$10,000 | \$54,275 | \$10,000 | | \$100,362 |

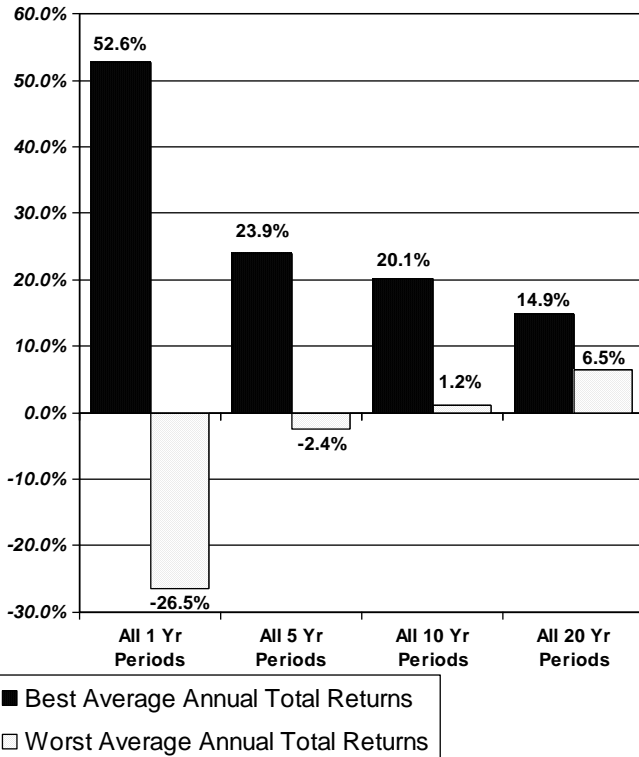
Within asset classes – different companies, industries and locations (e.g. international)
(graph based on theoretically uncorrelated stocks)



Diversifying over time

Best and Worst Average Annual Total Returns Standard & Poor's S&P 500

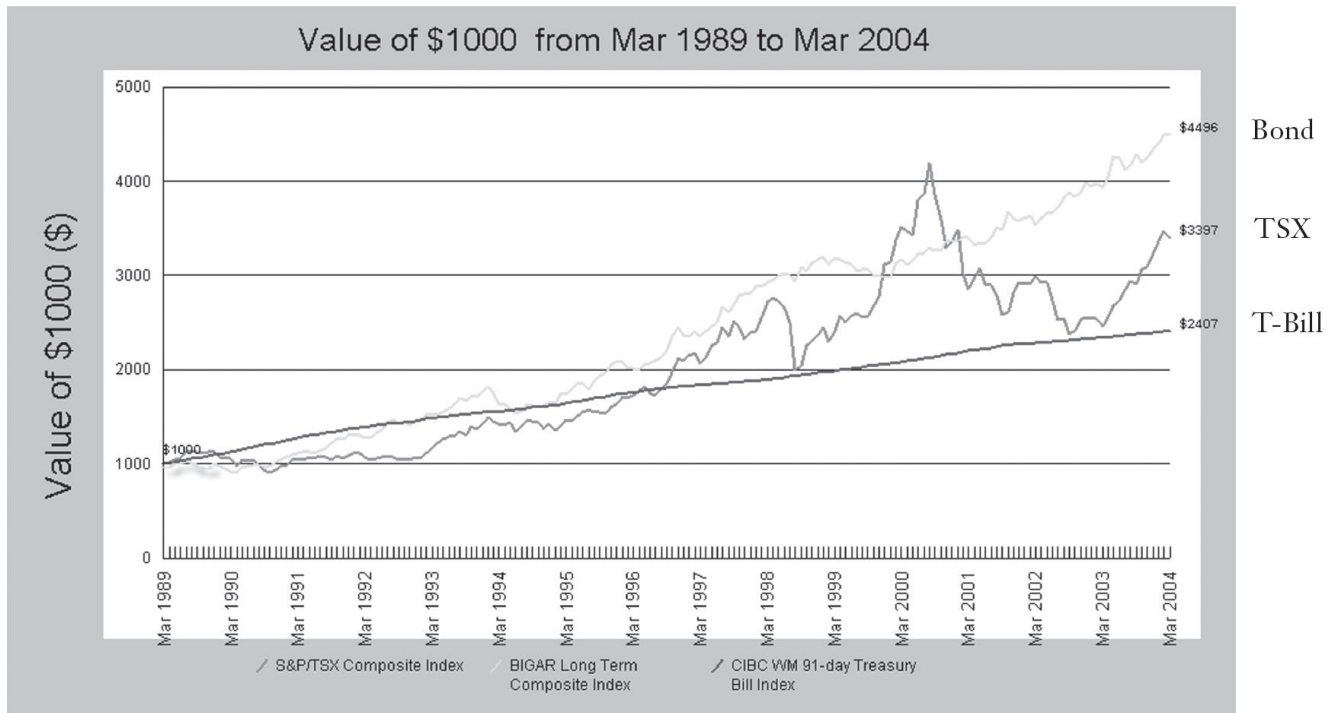
Evaluations based on rolling periods
(source: Ibbotson)



Diversification Exercise

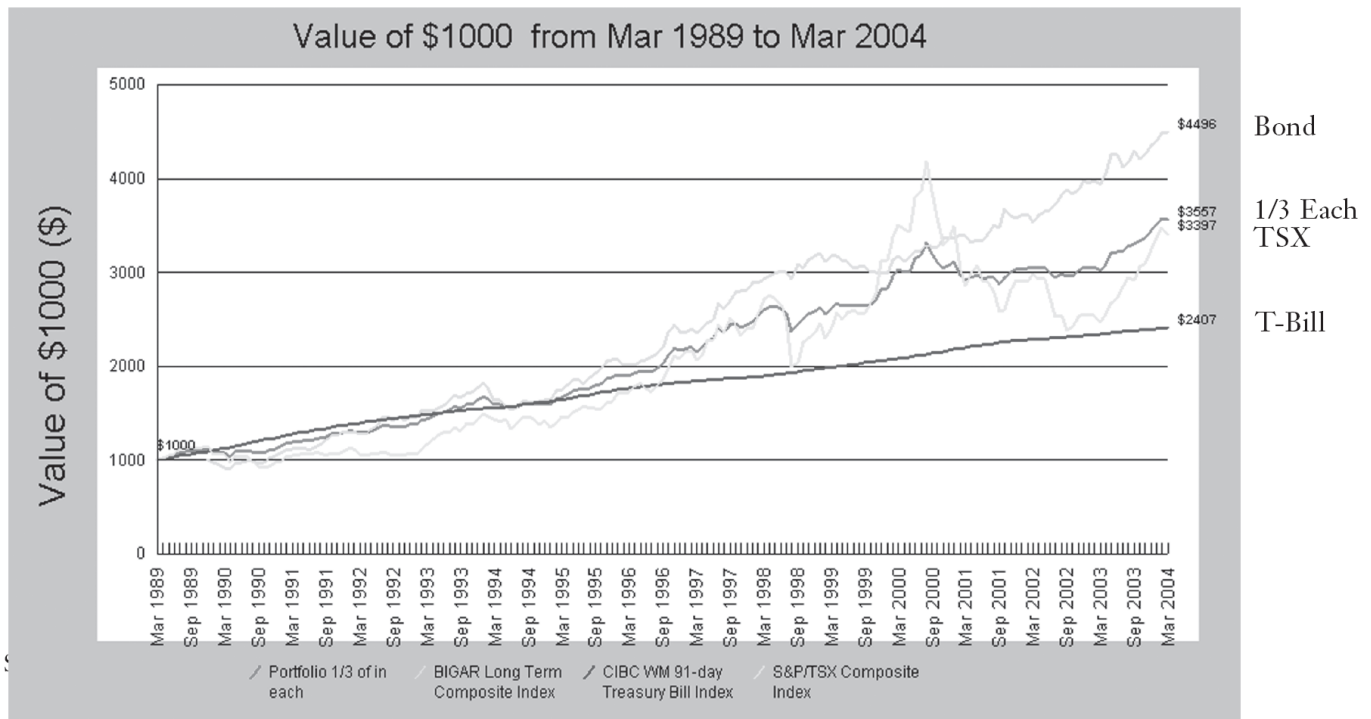
Diversification of a two-stock portfolio,
Initial Holding is National Bank

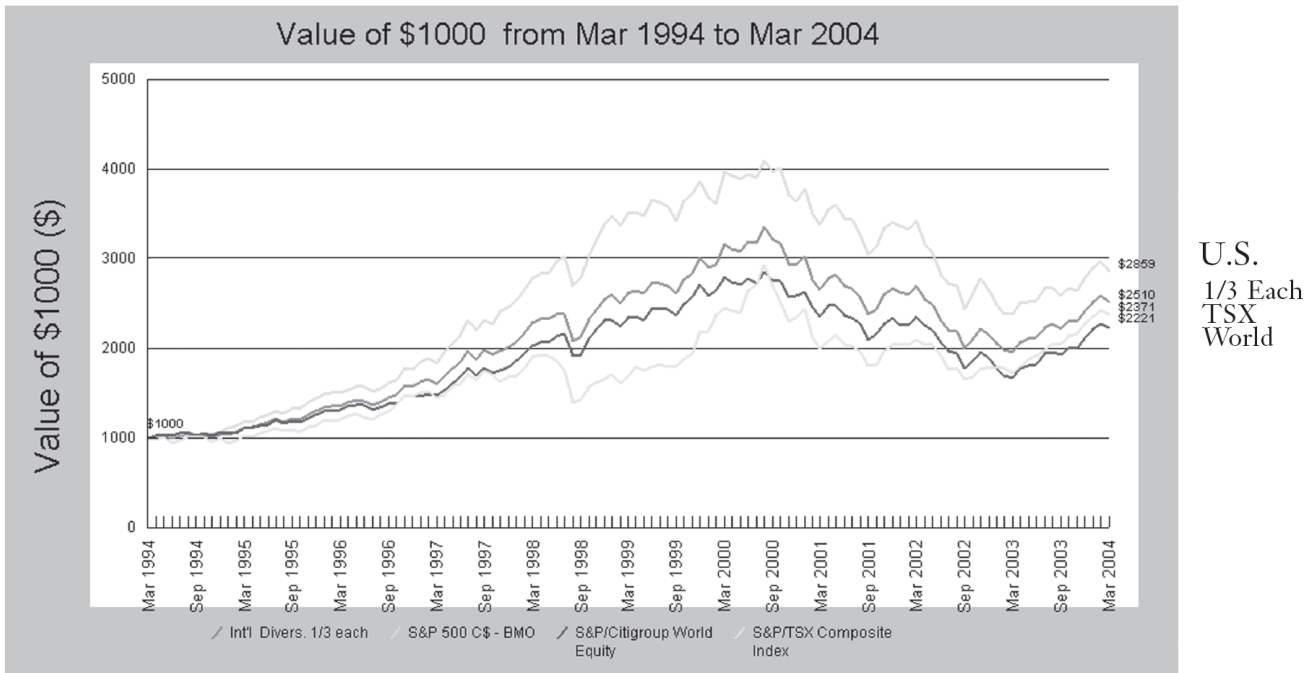
| | <u>Diversifies by</u> | | | | | <u>Asset</u> |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------|
| <u>Second Holding</u> | <u>Company</u> | <u>Industry</u> | <u>Geog</u> | <u>Time</u> | <u>Class</u> | |
| Bank of Montreal | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Cdn Western Bank | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Loblaws | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Sanofi Aventis | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Channel the dividends into Fedex | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Dividend Reinvestment Plan (DRIP) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Channel the dividends into a corp. bond ETF | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |



Diversification by Asset Class

Average annual compound
rate of return is 8.8%





Source: Paltrak

International diversification

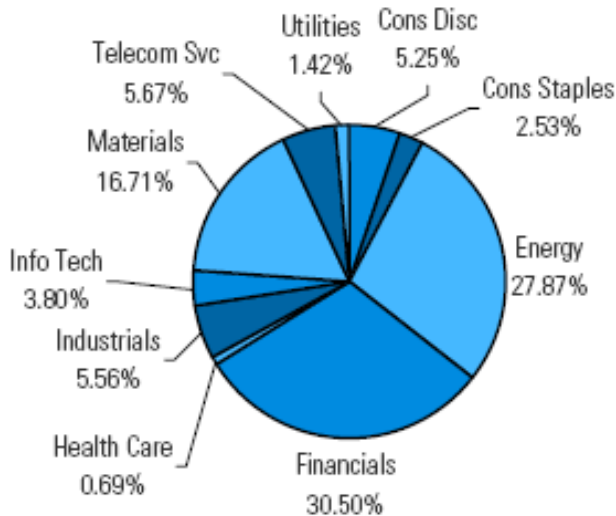
Average compound annual
rate of return is 9.6%

Unique Canadian Diversification Issues

S&P/TSX Composite Index Weightings

Source: S&P

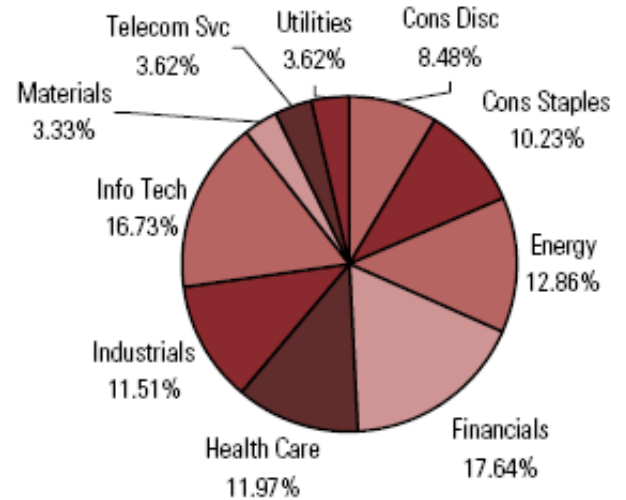
Sector Breakdown



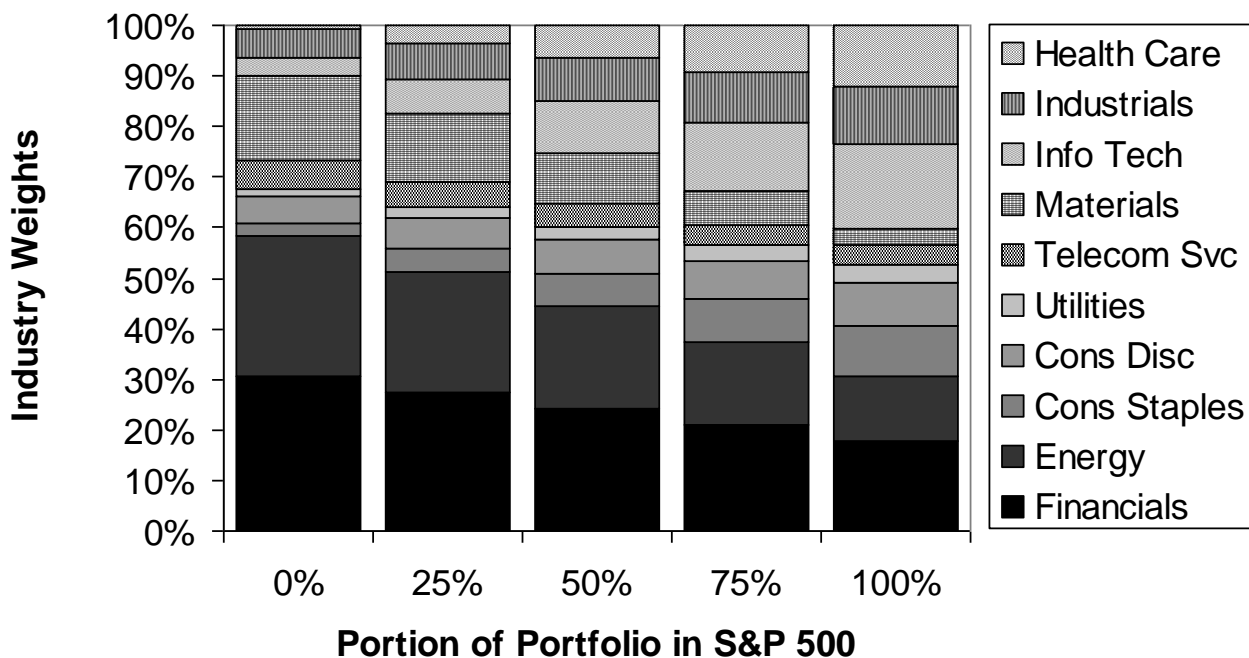
S&P 500 Index Weightings

Source: S&P

Sector Breakdown



Industry Weights for a Portfolio of S&P/TSX Composite and S&P 500 Stocks



Investment Strategies

Before a more detailed discussion on investment strategies, it would be helpful to consider some basic points that will assist you in understanding the suitability of the investments and/or strategies that you have selected or will select.

It's important to understand that while you may implement a generally acceptable investment strategy - one that "others" think is right - you may not be suitable for that particular strategy. It's not that the strategy itself is necessarily bad or wrong; it's just that it may be wrong for you. Investing really is about you and, to get back to the basics for a moment, about the particular circumstances of your situation.

Before setting up your own investment strategy, you should be aware of who you are as an investor. You should understand the importance of diversification and asset allocation. You should have clearly defined objectives and an understanding of your time horizon.

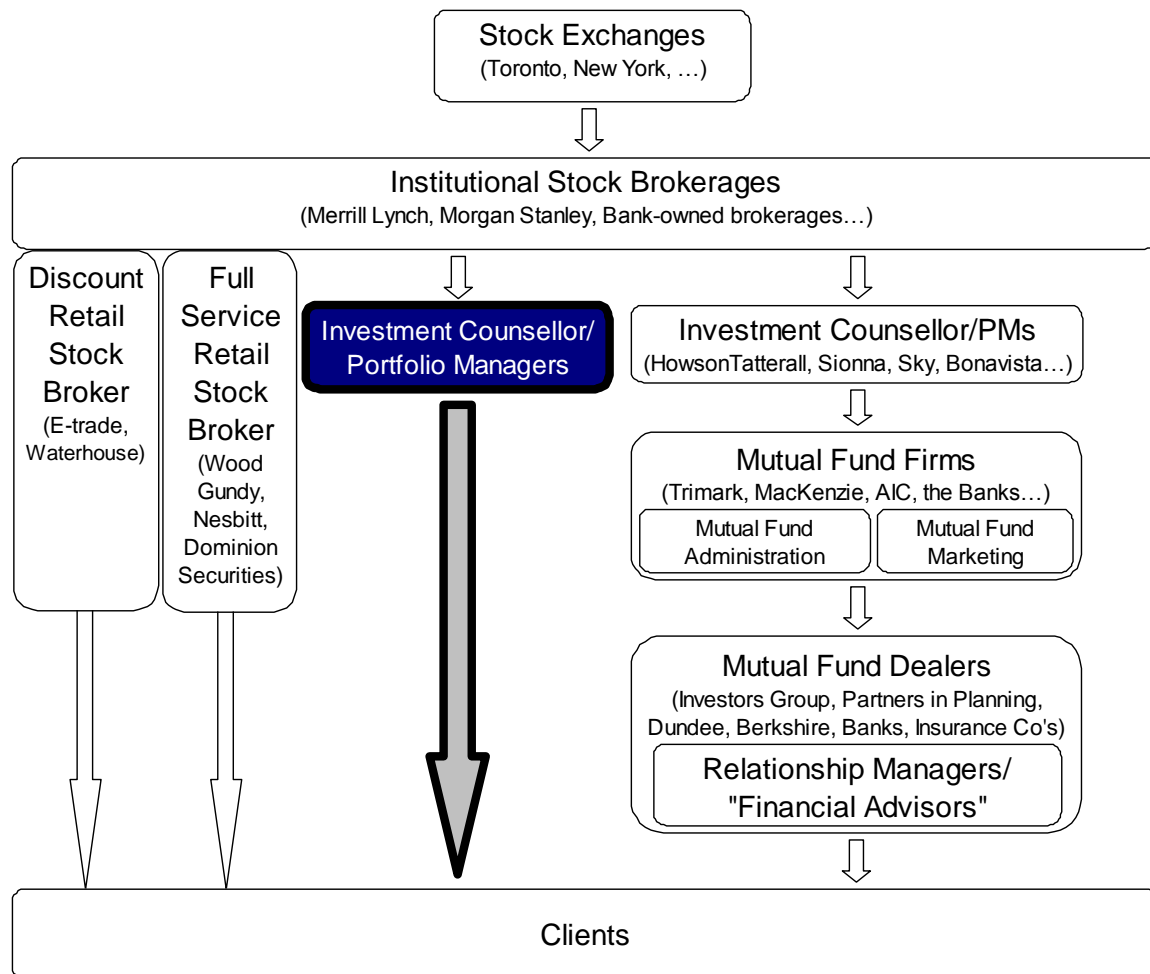
Should you be involved in active investment strategies? Active strategies require time, knowledge and emotional/financial resilience. Would a passive investment strategy be better suited to your emotional and material circumstances?

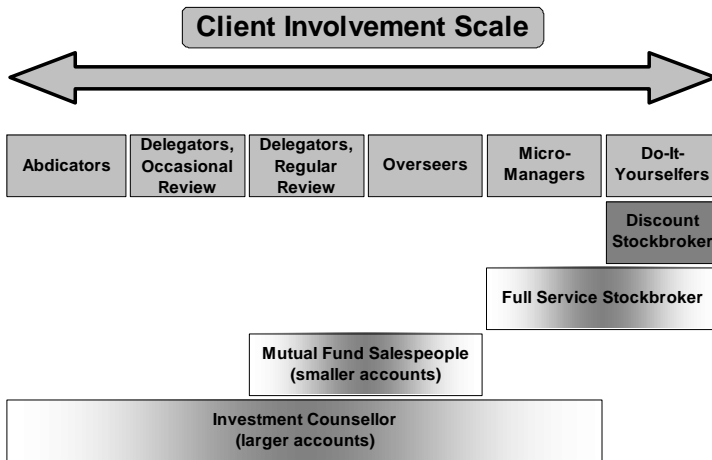
Understand the different options you have and then implement the overall strategy or approach that is "right" for one person - you.

Investment Strategies

- Investor Personality and Managers
- Active strategies
- Passive strategies

Anatomy of the Investment Industry





Active Investment Strategies

- Bottom Up
- Top Down
- Market Timing
- Bond Swapping

Bottom Up Portfolio Construction

Investor analyzes individual stocks using available information on a company to determine whether or not a “buy” opportunity exists. A “buy” signal could be based on a number of different factors, including unique features of the business or perceived trends in the business or sector. Investor selects those stocks that he/she expects will provide higher returns than the market average.

Types of stocks

Common stock- The most common type of stock issued by companies. Has greater growth potential than any other type and usually carries voting rights. Holders may also receive dividends.

Preferred stock- These stocks normally pay a fixed dividend. Preferred stock is often bought by individuals seeking a steady stream of income. This type of stock may also provide some growth potential. Rising interest rates may reduce the market value of preferred stocks.

Convertible security- Some bonds and preferred stock can be exchanged for common stock. This provides an investor with a fixed rate of income and lower risk than a common stock investment. It also provides the flexibility to switch to common stock.

Stock selection

It is generally recommended that anyone interested in building a portfolio of individual stocks to include in their portfolio, consider investing in at least several different stocks. It is also advisable to limit the holdings of any one stock to a reasonably low percentage of the overall stock portfolio. One example of this would be to hold at least ten different stocks with no more than 10% of the stock portfolio in any one stock or industry. Key considerations in selecting a stock include:

2. Selecting the right industry
3. Selecting the right company
4. Reviewing the annual report
5. Reviewing the technical data
6. Determining the “sell” point if the stock drops in value (stop-loss)
7. Determining the “sell” point/price if the stock increases in value.

Types of Bottom Up Strategies

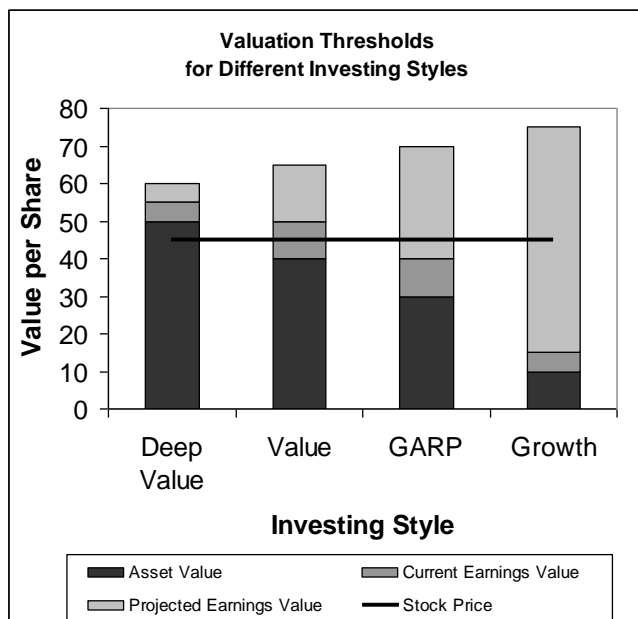
- Value/Growth Continuum
- Momentum Investing

Value and Growth

Value and growth investing are based on determining an estimated value for the business and investing if the value is substantially higher than the current stock market price. Growth stocks should not be confused with creating a growth portfolio. A portfolio can grow through successful investing using any style.

Valuing a Stock

1. The most solid way of valuing a business is what the assets are worth if the business went bankrupt and the assets had to be sold. This is typically called *deep value investing*.
2. If the stock price is not justified by hard asset value, then investors see if the stock price is justified by a continuation of current profit levels. This is typically called *value investing*.
3. If the stock price is not justified by a continuation of current profit levels, then investors see if the stock price is justified by profits that grow at a modest rate based on a certain growth forecast. This gets a little more difficult. This is typically called *growth-at-a-reasonable-price* or *GARP investing*.
4. Some stocks are already at high prices but have very high growth prospects. Investing in these businesses can only be justified based on pure *growth investing*.



Momentum and Technical Investing

The investor watches for trends to arise in the price of a stock and attempts to invest in those stocks before other investors do. Those trends in stock price may have nothing to do with what is happening to the company itself or may be driven by company or industry issues. This is sometimes called technical investing because momentum investors often look at technical or mathematical price trends such as 200-day moving averages, etc. to determine when a stock is building momentum.

Top-Down Portfolio Construction

Investor sees broad economic trends taking place, either affecting an industry, region, or other large scale investment segment. Investor may then gain exposure to these trends by buying stocks, ETFs, derivatives, bonds, or other securities. Investor is counting on seeing those trends before other investors do and making the investments quickly before others invest to catch the trend and bid up prices to the point where the opportunity vanishes.

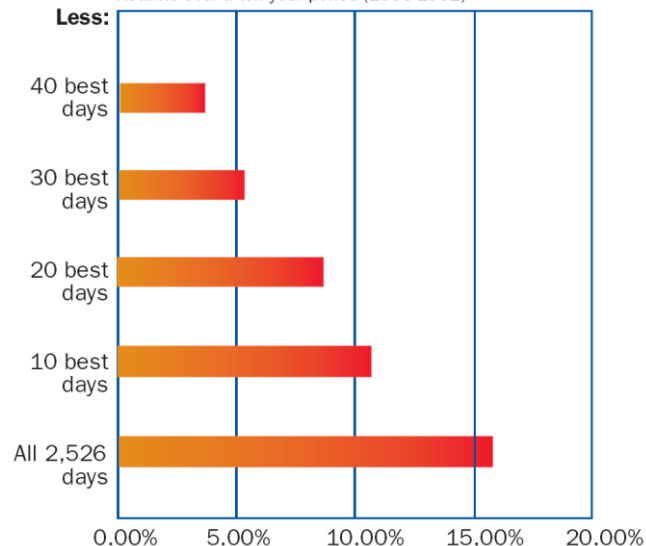
Market Timing

Investor expects to achieve superior returns by buying and selling stocks and bonds at the most profitable points in the business or market cycle. With respect to "timing" the stock market, this is one of the most difficult games to win consistently. Predicting the movement and direction of the

market on a continuous basis requires investors to be right twice: when they *buy* and when they *sell*.

Is it market timing, or time in the market?

Returns over a ten year period (1983-1992)



Investment Style Exercise

| Situation | Style |
|--|-------|
| Loblaws stumbles on tough times. Its stock trades so cheaply that the stock is cheaper than the appraised value of the company's land | |
| Due to recession concerns and increasing fuels costs, Fedex stock trades at a good price even if its business doesn't grow at all | |
| Challenged to grow, Canon's stock has been pushed down to almost the zero growth value. It only needs to grow a little bit through the growth of colour printing to justify the stock price. | |
| Luxottica runs LensCrafters shops throughout North America and plans to grow drastically by opening throughout China. Profit growth of 20% for several years would justify the price. | |
| Anticipating the cheap US dollar and cheap US interest rates will stimulate that economy, an investor sells some European ETFs to buy some US ETFs. | |
| With the US housing market having bottomed out, an investor notices that the stock of homebuilder KB Homes has been on a roll for 6 weeks and decides to buy into the rebound. | |
| With oil prices so high, an investor decides there will likely be a decline in oil stocks ahead and sells his oil stocks. | |

Bond Swapping

Investor anticipates changes in interest rates and trades/swaps bonds prior to the change in rates.

Bond investment considerations

Bond prices move inversely with changes in interest rates. As interest rates rise, the price of bonds drop. As interest rates fall, the price of bonds increase. Selling a bond prior to maturity will trigger a capital gain or loss.

Bonds may carry a “call” provision. This provision allows the issuing company to buy back the bonds prior to maturity. Companies will normally call a bond when the interest the bond is paying is greater than current interest rates.

Investors who have had their bonds called may receive more money for their bonds than the amount they paid. However, the investor’s current income may decrease because of lower interest rates available in the market.

Bond investing is subject to “default” risk. If the bond issuer cannot make interest payments or repay the principal, the issuer defaults and the investor loses both interest and principal.

An understanding of bond ratings can help the investor. Bonds rated at A++ or AAA (depending on the Bond Rating Service), are considered “investment grade”. Bonds rated in the B range are more speculative. C grade bonds are commonly referred to as “junk” bonds.

Generally speaking, the higher the coupon rate, the riskier the bond.

Key Issues

1. Are interest rates rising, falling, or flat?
2. Is corporate default risk rising, falling, or flat (i.e. is corporate strength falling, rising, or flat)
3. Is inflation rising, falling, peaking, or troughing?

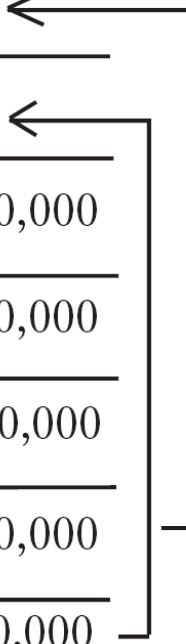
Passive Investment Strategies

- Laddered Approach
- Balanced Mutual Fund
- Fixed Mix
- Indexed Portfolios
- Buy and Hold
- Dollar Cost Averaging
- Dividend Reinvestment

Laddered Approach to Fixed Income Securities

\$50,000 Investment

| | |
|----------|----------|
| 7th Year | |
| 6th Year | |
| 5th Year | \$10,000 |
| 4th Year | \$10,000 |
| 3rd Year | \$10,000 |
| 2nd Year | \$10,000 |
| 1st Year | \$10,000 |



Each renewing investment is re-invested for a 5-year term.

Exchange Traded Funds for Fixed Income

- Funds for various types of fixed income
- Reduces hidden bond-trading costs
- Rotation during various stages in the cycle can have a huge impact on rates of return and whether it appears as capital gains or income

Example of Fixed Income ETFs

| ETF | Costs | Holdings |
|-------------------------------|---|---|
| Barclays Short Term Bond ETF | Your trading costs + fund's trading costs + RRSP custody fees if applicable + 0.25% | Bonds with a short duration |
| Barclays Long Bond ETF | Your trading costs + fund's trading costs + RRSP custody fees if applicable + 0.35% | Bonds with a long duration |
| Barclays Real Return Bond ETF | Your trading costs + fund's trading costs + RRSP custody fees if applicable + 0.35% | Bonds that adjust to compensate for inflation |
| Barclays Corporate Bond ETF | Your trading costs + fund's trading costs + RRSP custody fees if applicable + 0.40% | Corporate bonds |

Balanced Mutual Fund

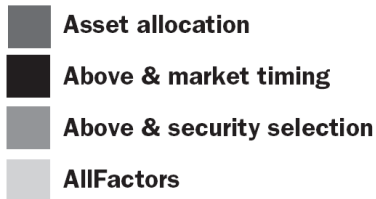
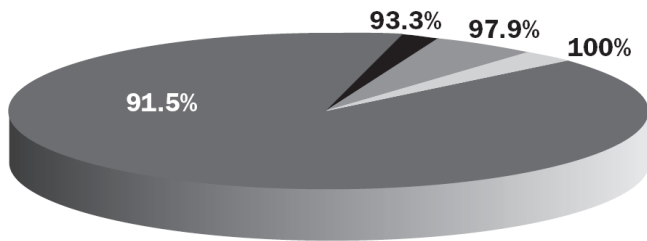
- Balance between asset classes
- Balance between risk levels
- Diversification with limited funds

Fixed Mix

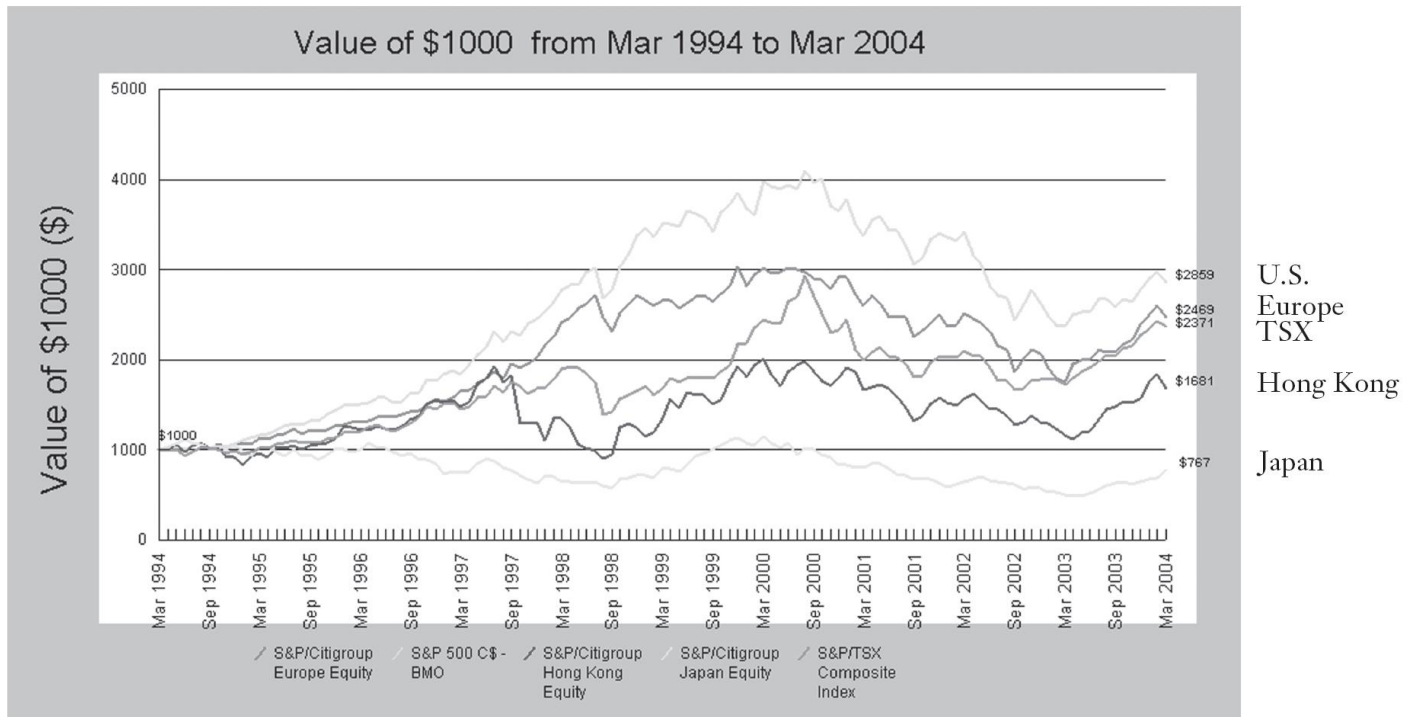
- Asset mix representing the most appropriate portfolio for the investor remains fixed
- Only changed when investor moves to another point in their investor life cycle

Significance of market allocation

Impact on investor's return



Source: Ibbotson



Indexed Portfolios

- Design a portfolio so that the percentage of each asset category is the same as in the market index
- Seek to match the market, not outperform it

- Once the asset mix is determined, the assets are bought and held either to maturity, or until the investor's time horizon has been attained.

- **Buying a certain dollar amount of securities at regular time intervals.**

| Purchase Date | Deposit | Price Per Unit | Units Acquired |
|---------------|---------|----------------|----------------|
| Month 1 | \$100 | \$10.00 | 10 |
| Month 2 | \$100 | \$5.00 | 20 |
| Month 3 | \$100 | \$2.50 | 40 |
| Month 4 | \$100 | \$5.00 | 20 |
| Month 5 | \$100 | \$10.00 | 10 |
| Month 6 | \$100 | \$7.50 | 13.3 |
| Month 7 | \$100 | \$10.00 | 10 |
| Month 8 | \$100 | \$7.50 | 13.3 |
| Month 9 | \$100 | \$7.50 | 13.3 |
| Month 10 | \$100 | \$7.50 | 13.3 |
| Month 11 | \$100 | \$10.00 | 10 |
| Month 12 | \$100 | \$12.50 | 8 |

Average *cost* per unit \$6.62

- Using dividends to purchase additional shares.
- Used to reduce sales commissions, and advantages of DCA.

More Information

Mutual Fund Issues

- MER
- Year end distribution
- Cost
- Segregated Funds

Self-Directed RRSP

- Choice of investments
- Foreign content management
- Cost

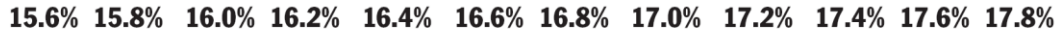
RRSP Foreign Content

- For many years in the past was 30% of book value limit
- No foreign content limit since February 23, 2005

Real Estate

- Liquidity issue
- Capital
- CCA/Recapture

The Benefit of international diversification



Measure of risk (Volatility – Standard deviation) ►

Rate of return ▲

Source: Morgan Stanley World Index, TSE 300

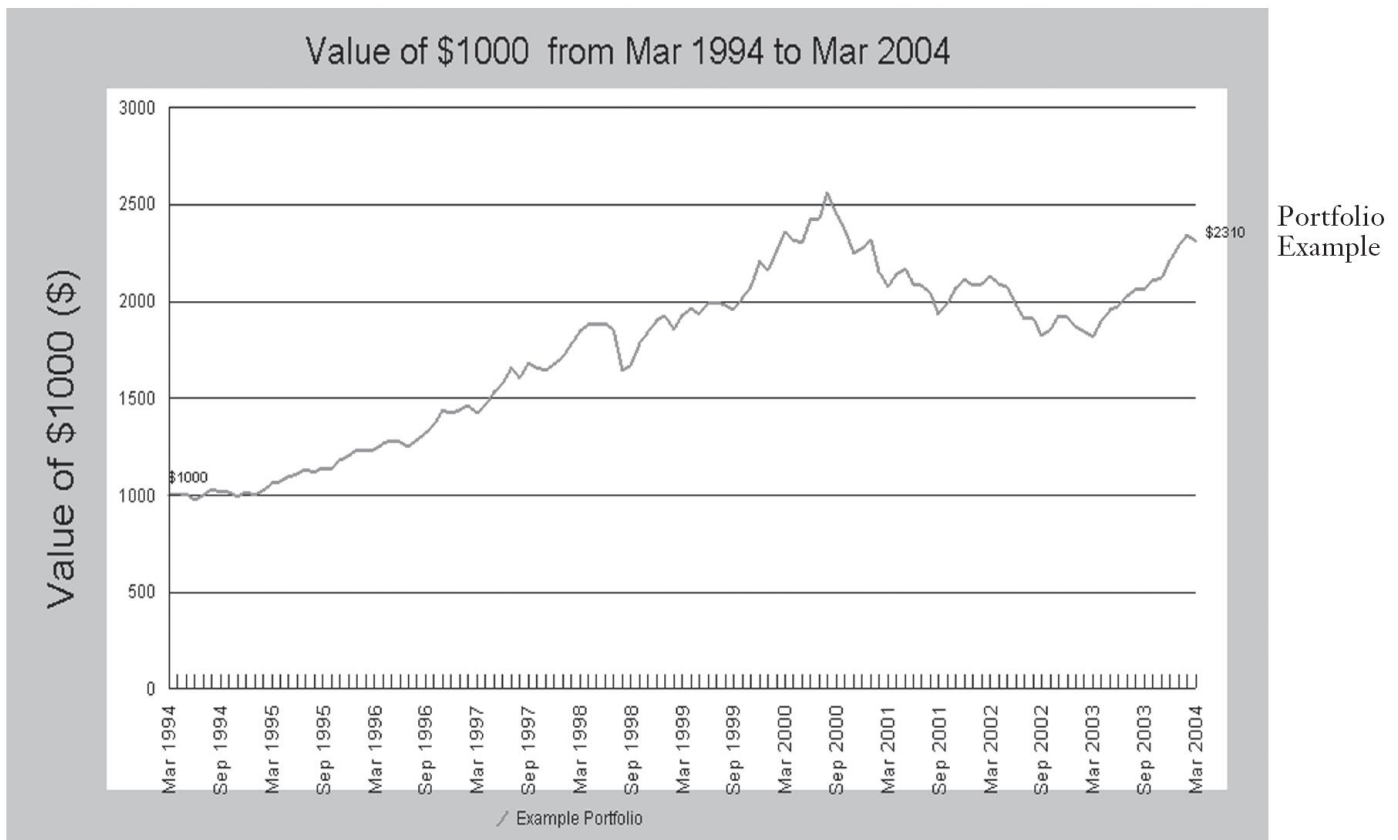
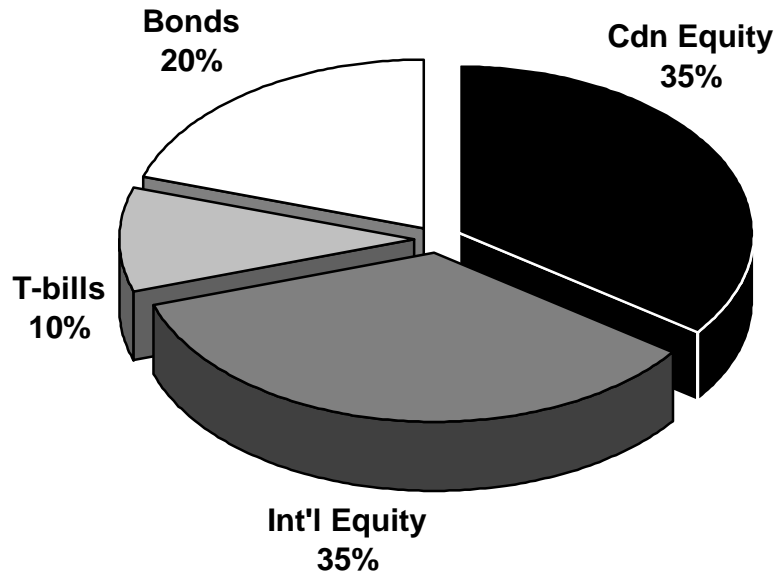
Efficient Frontier

As the graph shows, you may achieve greater security from volatility as you increase your international content.

The plotted line, the “efficient frontier”, shows that from 1970 to 1995, risk was minimized when 60% of a portfolio was invested in Canadian equities and 40% in international equities.

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.

Asset Allocation Model



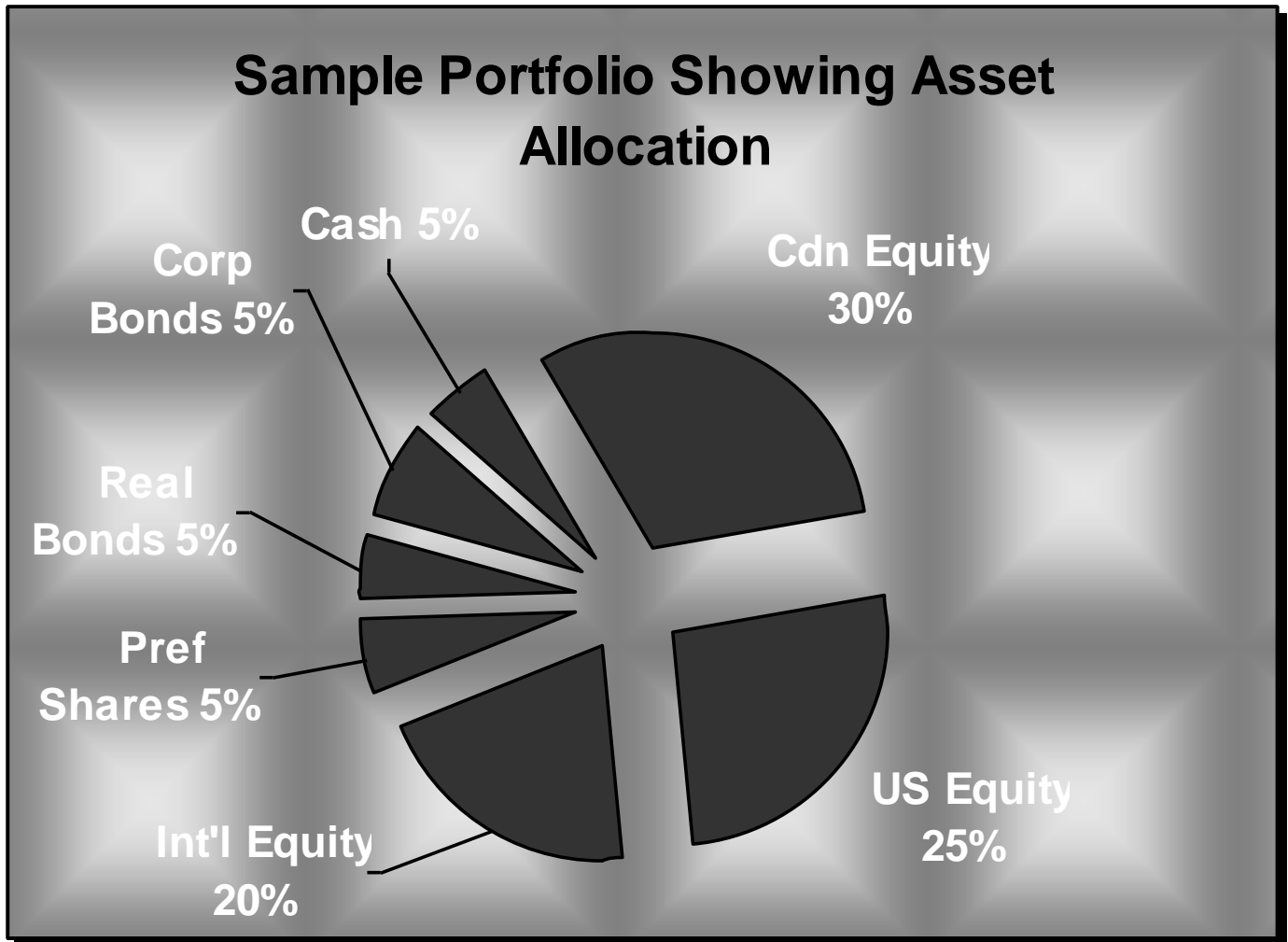
Source: Paltrak

Average annual compound rate of return
is 8.7%

Investment Selection

First Sovereign Investment Plan Portfolio

EXAMPLE



Portfolio Construction Exercise

Couple, aged 64, both working, have a portfolio of \$1,000,000, half is in RRSPs. Need a car in 5 years.

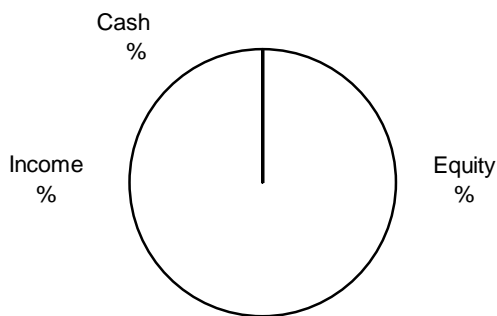
| <u>Financial Goals</u> | <u>Investment Objectives</u> | <u>Time Horizon</u> |
|------------------------|------------------------------|---------------------|
| 1 | | |
| 2 | | |
| 3 | | |

Investor Profile: _____

Importance of Other Factors

| | <u>High</u> | <u>Med</u> | <u>Low</u> | <u>N/A</u> |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. Diversification | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Tax Minimization | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. RRSP Investments | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Active Investment Strategies | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Passive Investment Strategies | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. International Diversification | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Asset Allocation Model



Investment Types Used

| | <u>%</u> | <u>Value</u> |
|----------------------------|----------|--------------|
| Cash /Money Market Account | | |
| GIC / Term Deposits | | |
| Bonds | | |
| Canadian Preferred Stocks | | |
| Canadian Stocks | | |
| US Stocks | | |
| European Stocks | | |
| Japanese Stocks | | |
| Other Stocks | | |

Closure

Elements of strategic investment management

- Your Investor Profile
- Income Tax Considerations
- Diversification
- Investment Styles

Appendix

| Investment Type | Invested In | Earning Mechanism | Short Term Risk | Income Potential | Long Term Growth Potential |
|---|--|--------------------------------------|------------------------|------------------|----------------------------|
| Fixed Income Investments | | | | | |
| Savings Account | | Interest | Very low | Low | None |
| Savings Bonds | | Interest | Very low | Low | None |
| GICs | | Interest | Very low | Low | None |
| Bonds | | Interest & Capital Gains | Low to high | Moderate | Low to moderate |
| Equities | | | | | |
| Common Stocks | | Dividends & capital gains | High | Low to moderate | High |
| Preferred Stocks | | Dividends | Moderate to high | Moderate to high | Low |
| Active Mutual Funds / Index Mutual Funds / Closed End Funds / Exchange Traded Funds (ETFs) | | | | | |
| Money Market Funds | Commercial Paper, Treasury bills, short term bonds | Interest | Low | Low | None |
| Fixed Income Funds | Mortgage-backed securities, corporate & government bonds | Interest & capital gains | Low to moderate | Moderate | Low to Moderate |
| Balanced Funds | Stocks & bonds | Interest, dividends, & capital gains | Moderate | Moderate to high | Moderate to High |
| Broad Equity Funds | Stocks | Dividends & capital gains | High | Low | High |
| Niche Funds | One segment of the stock market | Dividends & capital gains | High to Extremely High | Low | High |

ACTION

DETAILS

TARGET
DATE

Charting Your Course

Getting Started: Securing the foundation of your financial plan

“If you don’t know where you’re going, any road will take you there.”-George Harrison. Are you on path to achieve your goals? In this workshop we focus on putting a process in place to achieve your goals. We focus on cash management strategies and the wealth management process.

Personal Investing – A: Core investing components applied

“Fads are the kiss of death. When the fad goes away, you go with it.”-Conway Twitty. Understanding core concepts will help you identify and protect yourself against investment fads and build a solid investment strategy. In this workshop we talk about investment components, types of risk and how to avoid them, and the factors that contribute to your successful investment strategy.

Personal Taxation – A: Introductory concepts in tax minimization

“Income tax has made more liars out of the American people than golf has.”-Will Rogers. Give yourself credit! Credits, that is... and deductions. This workshop looks at how our progressive tax system works and explores some of the core tax reduction strategies we should consider for LEGALLY minimizing our taxes.

Life Insurance & Estate Planning: Understanding the importance of security & structure

“Certainty? In this world nothing is certain but death and taxes.”-Benjamin Franklin. Dying. The material impact of death is not something we really want to think about, much less talk about. But, it’s something we need to know about. This workshop will look at the various components of a well-structured estate plan, including wills and will preparation, insurance (needs, amounts, types), Powers of Attorney and a brief introduction to trusts.

Personal Investing – B: Investment planning concepts & strategies

“More important than the will to win is the will to prepare.” -Charlie Munger. Take the next step in your investment education by participating in this workshop. The session will focus on strategic investment issues such as risk reduction through diversification, asset allocation and the tax implications of various investment choices. Look at the various investment styles and objectives of the funds available to you.

Questions and discussions are encouraged and are an integral part of this workshop.

Personal Taxation – B: Comprehensive strategies: A longer-term perspective

“Never make anything simple and efficient when a way can be found to make it complex and wonderful.”-Unknown. Now that you understand basic tax planning, you will appreciate the more advanced concepts and strategies discussed in this workshop. In this session, we will look at tax planning as a family unit, tax shelters, income splitting/ attribution, and developing an effective tax minimization plan. We aim to make simple what the government has made complex!

Preparing for Retirement: Focus on financial planning

“Retirement kills more people than hard work ever did.”-Malcolm S. Forbes. To enjoy your golden years, you should take as many stressors as possible off the table. Financial worry is a big category. You have retirement dreams ahead. It is time now to focus your financial planning activity. This workshop will take a detailed walk through the 6 steps of building a solid retirement financial plan. The session will cover financial objectives and needs in retirement, income sources, identification of problem areas and corrective measures, tax & investment issues. This workshop ties together all the concepts we have learned so far. Finally, you will create an action plan.

“Plans are only good intentions, unless they degenerate into hard work.”-Peter Drucker
Take action on what you’ve learned from these workshops

Resources

First Sovereign Investment Management Inc.
Phone: 416-489-4843
Toll-free: 877-389-4843
info2@firstsovereign.com
www.firstsovereign.com

Central Volunteer Agencies (Local) Publications

Toronto: (416) 961-6880
Calgary: (403) 265-5633
Ottawa: (613) 789-4876
Peel: (905) 568-2660

Elderhostel (Belleville, Ontario)
(613) 530-2222

Canadian Association of Retired Persons
27 Queen Street East, Ste. 1304
Toronto, ON M5C 2M6
1-800-363-9376

One Voice
1005 - 350 Sparks Street
Ottawa, ON K1R 7S8
(613) 238-7624
(613) 235-4397

Expression
National Advisory Council on Aging
Ottawa, ON K1A 0K9
(613) 957-1968
(613) 957-9938

Canadian Executives Services Overseas (CESCO)
175 Bloor Street East
Toronto, Ontario, M4W 3R8
1-800-268-9052

Publications

Good Times
777 Bay Street, Ste 2700, Box 148
Toronto, ON M5G 2N1
1-800-465-8443

Sears Mature Outlook Newsletter
Contact local Sears store for information

United States

Modern Maturity
American Association of Retired Persons
3200 E Carson Street
Lakewood, CA 90712 U.S.A.

New Choices
Retirement Living Publishing Co. Inc.
28 W 23 Street
New York, NY 10010 U.S.A.

Web Sites - Specific
Focused subjects/issues

<http://www.investmentcounsel.org>
Information on different types of investment professionals and how to choose one for yourself

www.cfp-ca.org
Information on financial planning professionals and services

www.ccra-adrc.gc.ca
Canada Customs and Revenue
Agency - Information and forms

www.sec.gov
Securities and Exchange Commission
(U.S.) - Mutual Funds cost calculator

www.retireweb.com
Overview of financial and other issues dealing with retirement

Web Sites - General
News, Education, Calculators, Etc.
www.finpipe.com
www.imoney.com
www.quicken.ca/eng/index.html

