

# Financial Opportunity Analysis

Prepared for: **John & Tanya**  
Prepared by: **IE Financial Checkup**

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## Financial Planning Process

### Financial Planning Standards Council™ of Canada (FPSC)

On the FPSC website financial planning is defined as "a process that determines how you can best meet your life goals through the proper management of your financial affairs". It also states "the key to effective financial planning is the ability to take into account all relevant aspects of your financial situation ("the big picture"), and to identify and analyze the interrelationships among sometimes conflicting objectives".

Our approach encompasses a number of steps to help us understand all relevant aspects of your financial situation so that we can provide you with financial advice that helps you best meet your life goals.

### Goals, Objectives & Financial Resources

#### Step 1: Understanding

Getting to know the goals & objectives you have for your family's future is the only way we can be sure that the financial advice we present to you will meet your needs. We do this by asking questions about your financial resources and obligations. We also need you to define what your personal and financial goals, needs and priorities are and the timeframe you have set for yourself.

#### Step 2: Financial Analysis

Once we have an understanding of your current financial situation, we use this information to create a financial snap-shot of your net worth, retirement and insurance needs. Further analysis includes financial projections that focus on your lifestyle, assets and taxation in order to determine how and when you will attain your personal and financial goals.

### Financial Security

#### Step 3: Retirement

With a clear understanding of your current situation the next step is to compare the capital resources you are projected to have at retirement to the capital you will need. Depending upon your situation we will present you with options that address issues such as lifestyle, risk tolerance and financial management to ensure that your retirement goals are inline with the financial resources you will have.

#### Step 4: Risk Management

Life happens – and so do unpredictable events that can alter the course of even the best laid financial plans. Our understanding of the various hazards and the financial impact they can have on your plans affords you the opportunity to limit their effect with the appropriate insurance coverage, offering you peace of mind knowing that your family's financial future is secure.

### Strategies & Recommendations

#### Step 5: Implementation

The financial plan we prepare will provide you and your family with strategic choices which have been designed to reduce income tax liability and improve overall returns and security from adverse events. In addition to assisting you with implementing any of the recommendations discussed, we will coordinate contacts with other professionals as needed.

#### Step 6: Monitoring & Review

Finally we will provide a clear road map, which will outline specific timelines, benchmarks and review timeframes. Plan implementation through our firm offers assurances that the plan will continually be monitored and reviewed for effectiveness, providing you with peace of mind knowing that you have a solid financial plan that will help you realize your dreams.

## Planning Assumptions

### Methodology

The purpose of this analysis is to estimate the amount of capital you will need to fund your desired lifestyle in retirement, then compare that to the amount of capital you are projected to have so that we can provide you with the appropriate advice.

Should you not have sufficient assets to meet your needs; any deficiency is then funded with a “theoretical line of credit” so that we can estimate the financial impact your desired lifestyle may have on your assets. The analysis is completed in two life phases, wealth accumulation and retirement income.

#### Wealth Accumulation:

Starting with the value of your assets, planned savings are added each year with interest calculated using the assumed rate and frequency of your savings. For non-sheltered investments, income taxes are then deducted at the end of each year based on your marginal tax rate and the assumed “Tax Efficiency” factor.

#### Retirement Income:

The after-tax lifestyle you want in retirement less any base income consisting of government benefits, RRIF minimums, pensions and earned income dictate how much will need to be withdrawn from your savings each year.

Withdrawals are made from taxable investments first to allow your registered savings to remain tax sheltered for as long as possible. Once all taxable investments have been used, additional withdrawals are then made from your registered savings.

Income tax is calculated each year using progressive tax rates as prescribed by the Federal Income Tax Act and the province in which you live. Age and Pension tax credits and the applicable clawback in addition to any provincial surtax are also calculated to provide the most accurate tax assumption possible.

### Index Assumptions

#### Growth Rates

Rate of inflation:	2.50%
Return on investment:	5.00%
Real estate growth rate:	3.00%
Business operations growth rate:	0.00%
Lifestyle funding cost of borrowing:	3.75%

#### Tax Rates

Tax efficiency ( <i>wealth accumulation</i> ):	40.00%
Tax efficiency ( <i>retirement</i> ):	25.00%
Income splitting efficiency:	100.00%
Top marginal rate of tax in province:	43.70%
Top corporate tax rate on investment income:	44.67%

### Limitations & Guarantees

#### Illustration Purposes Only

The values illustrated in this document are not guaranteed. They are based on numerous assumptions that are certain to change and are neither an estimate nor a guarantee of future performance. Actual results will vary over the life of your plan and may differ from the example provided.

#### Planning Assumptions

This financial analysis was prepared using personal and financial information provided by you. It is important that the information is as accurate as possible, as even small discrepancies in your personal or financial situation can have an impact on recommendations made.

#### Taxation

Calculations and recommendations relating to income taxes are based on the Canadian Federal Income Tax Act and the Provincial Tax Rates in effect where you live at the time the plan was created. Since tax legislation is subject to change, the tax treatment of your assets is not guaranteed.

#### Professional Advice

This document was prepared as a general guide only and is not intended to provide or replace professional legal or tax advice. For your own specific situation, please consult your own tax and legal advisors.

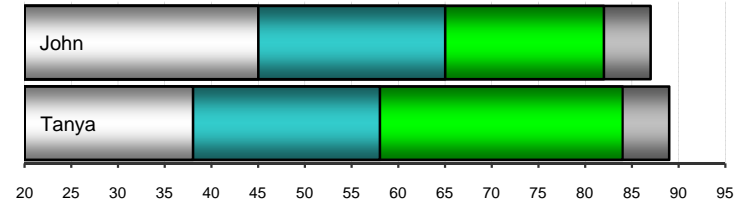
## Financial Summary

### Personal

After-tax retirement income goal in today's dollars: \$72,000

Name:	<b>John</b>	<b>Tanya</b>
Date of birth:	Jan. 1, 1965	Jan. 1, 1972
Age on January 1st:	45 2011	38 2011
Desired retirement age:	65 2030	58 2030
Life expectancy at retirement:	82 2047	84 2056
Assumed life expectancy:	87 2052	89 2061
Estimated years in retirement:	22	31

### Life Timeline

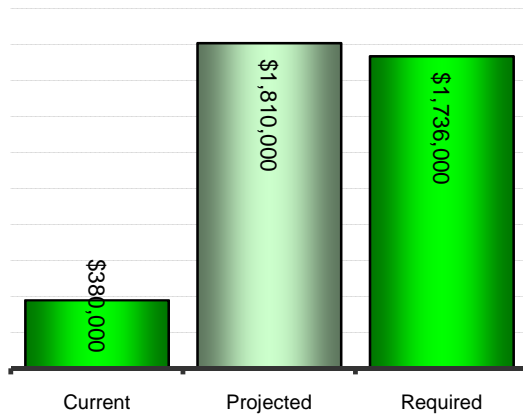


### Net Worth

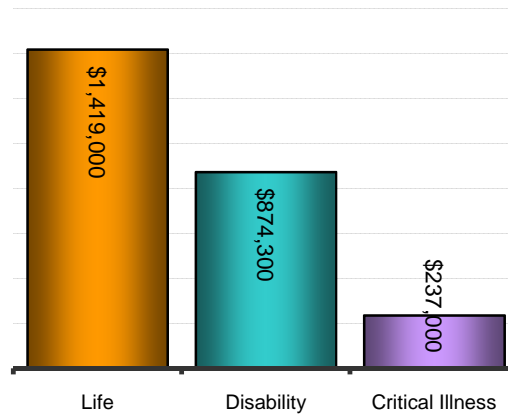
	Current Value	Annual Savings	Retirement Value	Life Expectancy
<b>Liquid Assets</b>				
Retirement investments:	\$ 350,000	\$ 13,000	\$ 1,367,000	\$ 369,000
Taxable investments:	\$ 30,000	\$ 10,000	\$ 442,000	\$ 0
Corporate investments:	\$ 0	\$ 0	\$ 0	\$ 0
<b>Fixed Assets</b>				
Real estate:	\$ 800,000	\$ 18,000	\$ 1,403,000	\$ 3,612,000
Net Corporate assets:	\$ 0		\$ 0	\$ 0
Other assets:	\$ 0		\$ 0	\$ 0
Personal Liabilities:	\$ (225,000)		\$ (0)	\$ (0)
Lifestyle Deficiencies:	\$ (0)		\$ (0)	\$ (0)
Terminal Taxes:	\$ (153,000)		\$ (598,000)	\$ (161,000)
<b>Net Worth</b>	<b>\$ 802,000</b>		<b>\$ 2,614,000</b>	<b>\$ 3,820,000</b>

### Financial Security

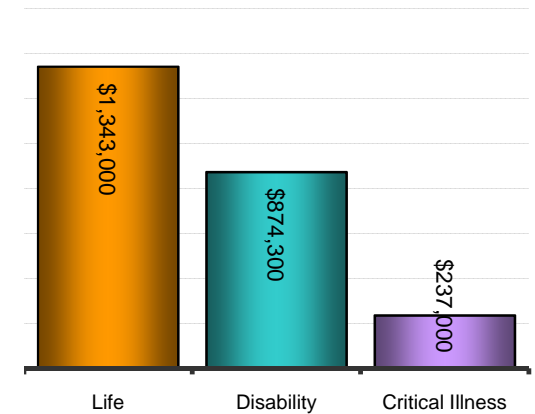
#### Income Producing Assets



#### Insurance: John



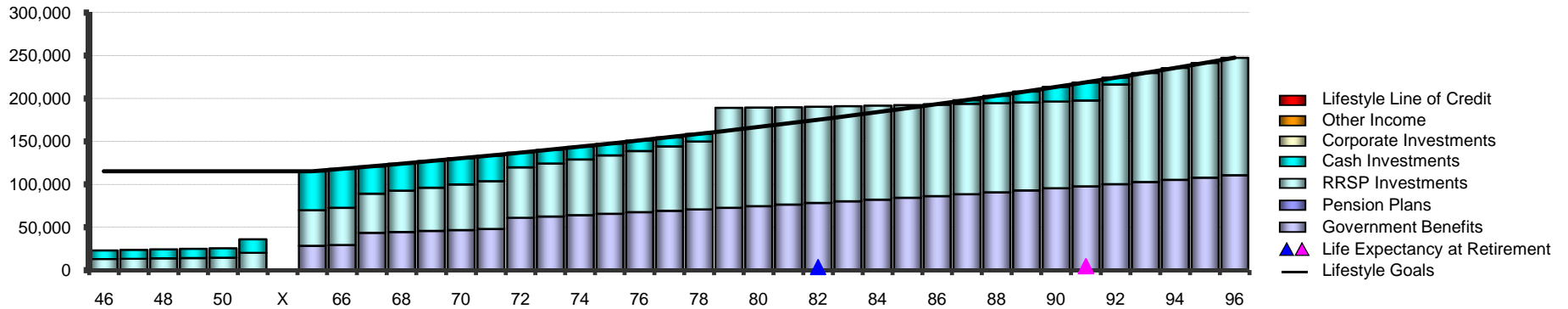
#### Insurance: Tanya



# Integrated Analysis

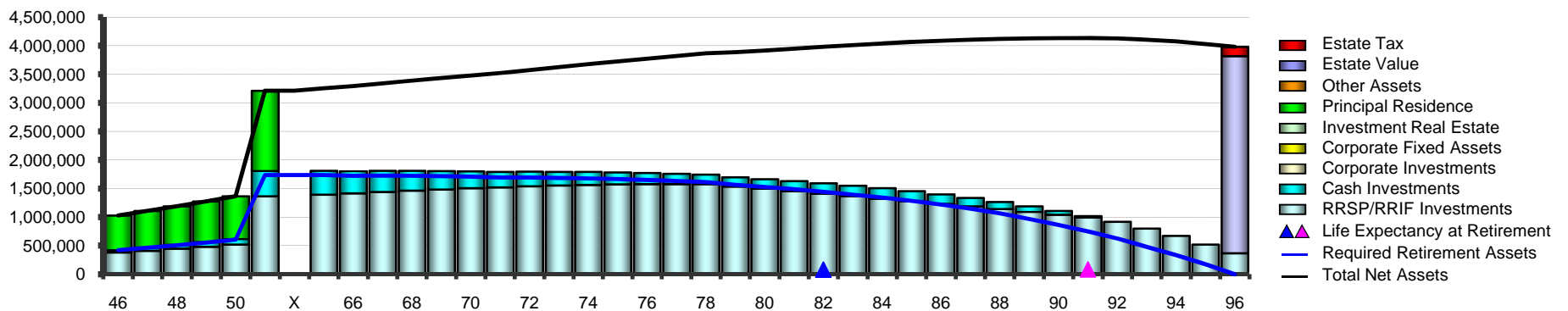
## Lifestyle

After-tax retirement income goal in today's dollars: \$72,000



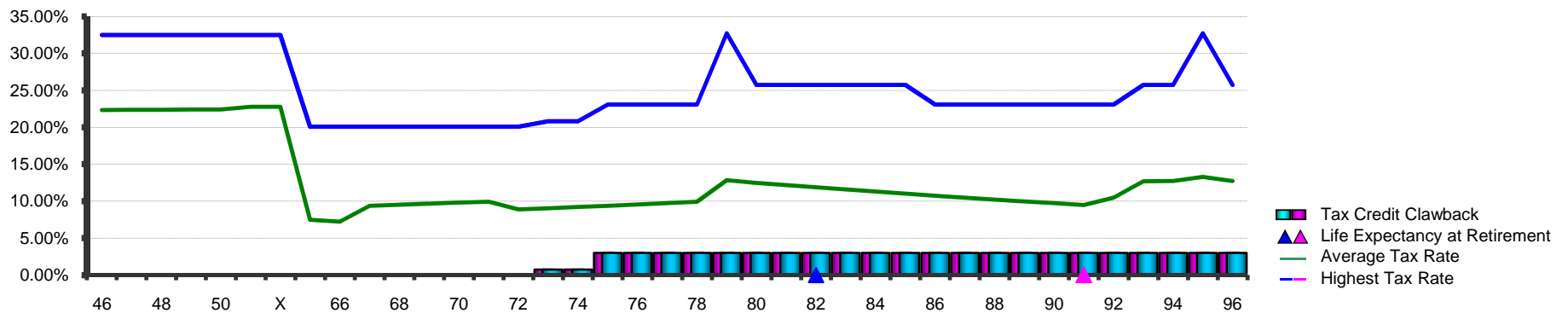
## Assets

Projected income producing assets: \$1,810,000



## Taxation

Projected highest effective tax rate: 32.71%



## Retirement Analysis

### Planning Options

Your retirement situation:

Based on your goals, the information you have provided and the assumptions used in this analysis...

You are projected to have adequate income producing assets to fund your retirement.

Your financial situation offers you a number of planning options:

#### Option #1: Increase Lifestyle

\$73,700 after-tax income starting at age 65

Amount you can increase your retirement income goal by: \$1,700



Base retirement income assuming no additional savings: \$52,500

After-tax retirement income potential: \$73,700

#### Option #2: Retire Sooner

\$72,000 after-tax income starting at age 65

Number of years you can retire before your planned retirement age: 0



Your age on January 1st: 45

Age you plan to retire at: 65

#### Option #3: Take Less Risk

\$72,000 after-tax income starting at age 65

Average annual amount you can reduce Return on Investment and still reach your goals: 0.15%



Inflation adjusted rate of return: 2.30%

Return on Investment your plans are based on: 5.00%

#### Option #4: Asset Allocation

\$72,000 after-tax income starting at age 65

Amount you can reduce your annual savings by each year, and still reach your goals: \$2,000



Current value of income producing capital: \$380,000

Capital you are projected to have at your retirement: \$1,810,000

The planning options presented are based on numerous assumptions that are certain to change and cannot be guaranteed. Actual results will vary over the life of your plan.

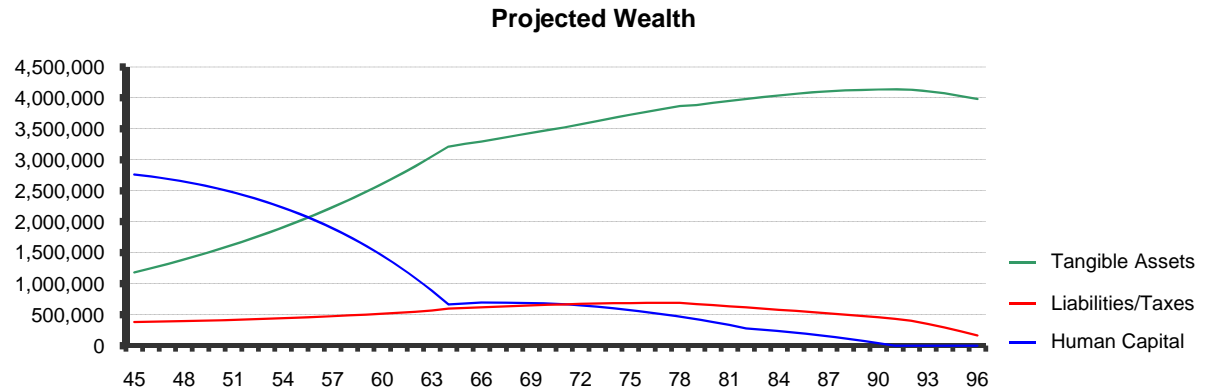
## Risk Management Analysis

### Human Capital

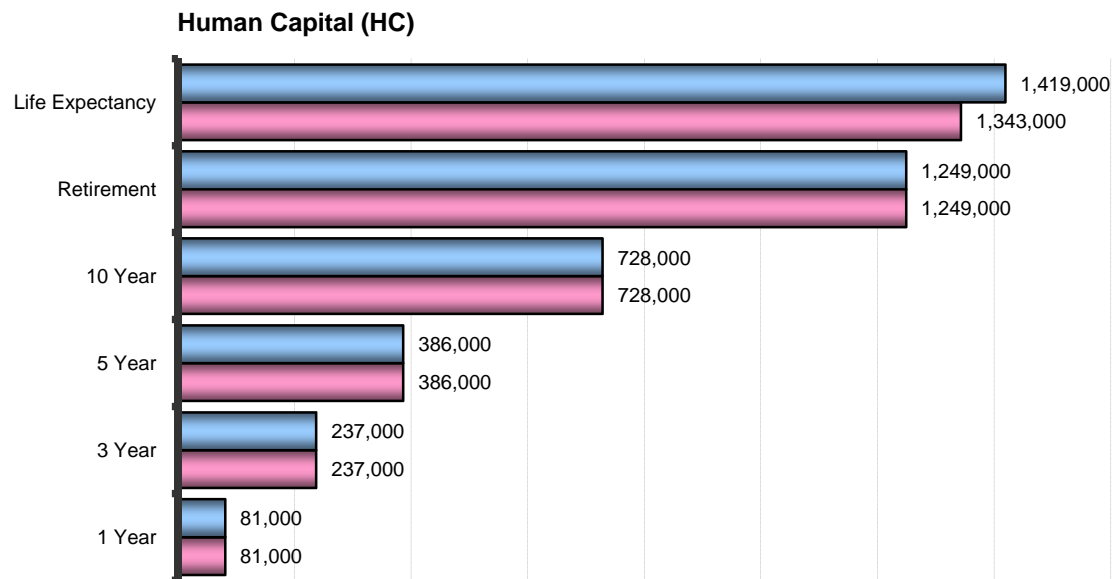
Generally when we talk about wealth, we think in terms of *tangible* assets such as money, investments, real estate, business interests etc. However, these things are only a part of our overall wealth. All of us have an *intangible* human capital that may be more valuable than all of our other *tangible* assets combined.

The process of calculating your "Human Capital" (HC) involves estimating your future earnings potential then discounting this future cash flow using an appropriate investment rate of return. The lifestyle you enjoy now, and hope to enjoy in your retirement, is only made possible because each year you convert part of your HC into cash, investments, real estate and other assets you will use in the future.

Personal Wealth	Today	Life Exp.
Liquid assets:	\$ 380,000	369,000
Fixed assets:	\$ 800,000	3,612,000
<b>Tangible Assets</b>	<b>\$ 1,180,000</b>	<b>3,981,000</b>
HC: John	\$ 1,419,000	0
HC: Tanya	\$ 1,343,000	0
<b>Human Capital</b>	<b>\$ 2,762,000</b>	<b>0</b>
Liabilities:	\$ (225,000)	(0)
Terminal Taxes:	\$ (153,000)	(161,000)
<b>Total Wealth</b>	<b>\$ 3,564,000</b>	<b>3,820,000</b>



### Insurance



### Insurance Needs

John

Tanya

**Life: family needs** **\$1,419,000** **\$1,343,000**

Your ability to earn an income is the foundation of your family's financial security today and in the future. To protect your family you should maintain an amount of insurance that is the greater of your "Life Expectancy HC" and your liabilities.

**Disability:** **\$3,800** **\$3,800**

A disability could significantly hinder your ability to earn an income. To ensure you will be able to maintain your lifestyle, you should have insurance equal to 70% of your "Retirement HC" divided by the number of months in the timeframe.

**Critical Illness:** **\$237,000** **\$237,000**

Your ability to earn an income is also the primary source of your retirement savings. To replace future retirement assets that could be lost should you suffer from a critical illness, you should have insurance of approximately your "3 Year HC".



## Alternative Investment Strategy

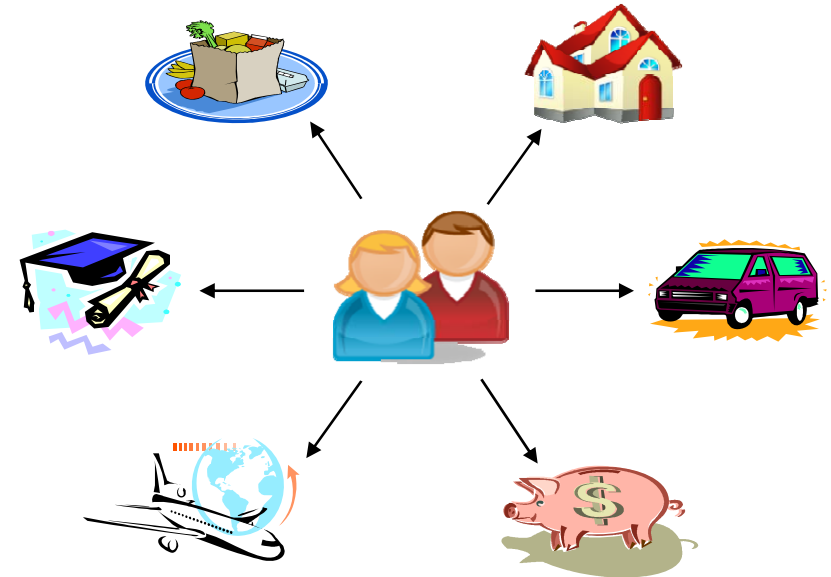
### Financial Security Account

#### The Situation

- The standard of living your family enjoys today is only made possible because each month you convert part of your lifetime earnings potential into cash.
- Your earnings potential represents a significant portion of your family's over-all wealth, the ultimate value being directly related to your continued ability to earn an income.

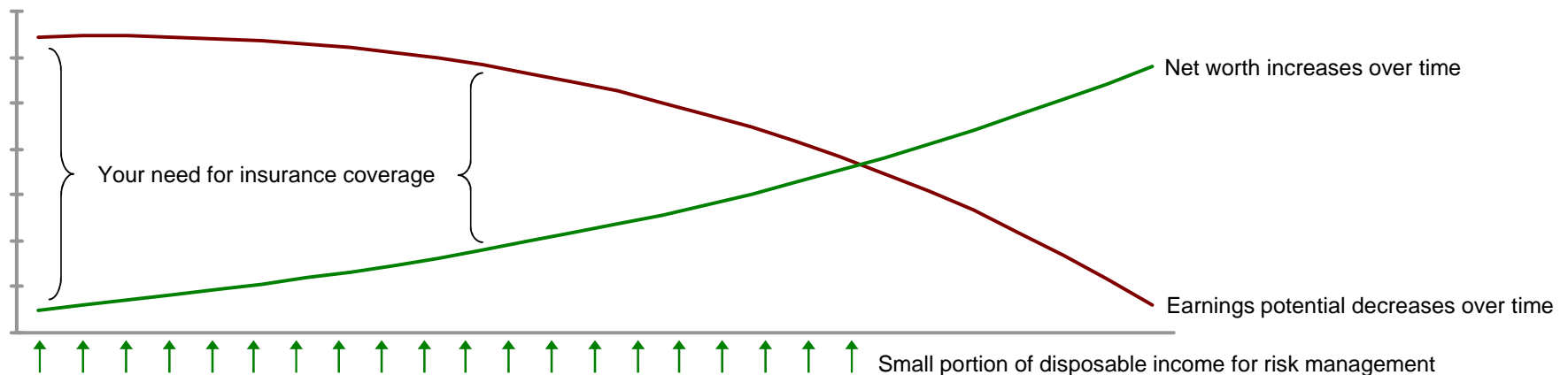
#### The Strategy

- Financial Security Account is a strategy that provides capital to replace your lost earnings should you be unable to work due to an accident, an illness or death.
- Financial Security Account can include the following tax-free benefits:
  - 1- Cash to pay off debts and to provide income to your family should you die.
  - 2- Cash to pay medical bills and provide income should you suffer a critical illness.
  - 3- Cash to replace lost income due to a prolonged sickness or injury.
- Investing a small portion of your earnings each month to provide for your family's financial security, offers piece of mind knowing that your family will be taken care of.



#### The Solution

- People typically think of insurance as an expense that reduces the amount available for other lifestyle spending such as entertainment and travel. What most people don't realize about insurance is that it is a wealth management tool that protects you and your family's way of life.
- Allocating a small portion of your disposable income to risk management plans such as life insurance, critical illness insurance and disability insurance forms part of your over-all financial management strategy, giving you the confidence to enjoy life today, while knowing that you have a solid plan for the future.



## Projected Net Worth

Values are estimated based on an after-tax income goal in retirement of \$72,000 In today's dollars

Year	J	T	Liquid Assets			Fixed Assets			Net Worth				
			Retirement Investments	Cash Investments	Corporate Investments	Real Estate	Corporate Assets	Other Assets	Total Assets	Total Debt	Deferred Taxes	Net Assets	
1	2011	46	39	380,500	41,427	0	824,000	0	0	1,245,927	(216,757)	(166,296)	862,874
2	2012	47	40	412,850	53,666	0	848,720	0	0	1,315,236	(208,142)	(180,450)	926,643
3	2013	48	41	447,151	66,762	0	874,182	0	0	1,388,095	(199,141)	(195,458)	993,496
4	2014	49	42	483,508	80,764	0	900,407	0	0	1,464,679	(189,734)	(211,367)	1,063,578
5	2015	50	43	522,033	95,729	0	927,419	0	0	1,545,181	(179,903)	(228,221)	1,137,057
<b>20</b>	<b>2030</b>	<b>65</b>	<b>58</b>	<b>1,392,964</b>	<b>418,114</b>	<b>0</b>	<b>1,444,889</b>	<b>0</b>	<b>0</b>	<b>3,255,966</b>	<b>0</b>	<b>(608,725)</b>	<b>2,647,241</b>
21	2031	66	59	1,417,912	386,831	0	1,488,236	0	0	3,292,978	0	(619,627)	2,673,350
22	2032	67	60	1,441,838	368,061	0	1,532,883	0	0	3,342,782	0	(630,083)	2,712,699
23	2033	68	61	1,464,577	345,512	0	1,578,869	0	0	3,388,959	0	(640,020)	2,748,938
24	2034	69	62	1,485,946	321,828	0	1,626,235	0	0	3,434,009	0	(649,358)	2,784,651
25	2035	70	63	1,505,747	297,005	0	1,675,022	0	0	3,477,774	0	(658,011)	2,819,763
26	2036	71	64	1,523,767	271,043	0	1,725,273	0	0	3,520,083	0	(665,886)	2,854,197
27	2037	72	65	1,539,773	256,222	0	1,777,031	0	0	3,573,027	0	(672,881)	2,900,146
28	2038	73	66	1,553,515	241,434	0	1,830,342	0	0	3,625,292	0	(678,886)	2,946,406
29	2039	74	67	1,564,721	226,514	0	1,885,252	0	0	3,676,487	0	(683,783)	2,992,704
30	2040	75	68	1,573,097	211,533	0	1,941,810	0	0	3,726,440	0	(687,443)	3,038,996
31	2041	76	69	1,578,326	196,559	0	2,000,064	0	0	3,774,949	0	(689,728)	3,085,221
32	2042	77	70	1,580,063	181,667	0	2,060,066	0	0	3,821,797	0	(690,488)	3,131,309
33	2043	78	71	1,577,939	166,961	0	2,121,868	0	0	3,866,769	0	(689,559)	3,177,209
34	2044	79	72	1,537,254	161,901	0	2,185,524	0	0	3,884,679	0	(671,780)	3,212,899
35	2045	80	73	1,496,039	169,996	0	2,251,090	0	0	3,917,125	0	(653,769)	3,263,356
36	2046	81	74	1,454,239	177,567	0	2,318,623	0	0	3,950,429	0	(635,503)	3,314,927
37	2047	82	75	1,411,815	182,112	0	2,388,181	0	0	3,982,109	0	(616,963)	3,365,145
38	2048	83	76	1,368,599	183,429	0	2,459,827	0	0	4,011,855	0	(598,078)	3,413,777
39	2049	84	77	1,324,739	181,403	0	2,533,622	0	0	4,039,763	0	(578,911)	3,460,853
<b>Summary</b>													
20	2030	65	58	1,392,964	418,114	0	1,444,889	0	0	3,255,966	0	(608,725)	2,647,241
30	2040	75	68	1,573,097	211,533	0	1,941,810	0	0	3,726,440	0	(687,443)	3,038,996
37	2047	82	75	1,411,815	182,112	0	2,388,181	0	0	3,982,109	0	(616,963)	3,365,145
46	2056	91	84	992,731	26,361	0	3,116,035	0	0	4,135,127	0	(433,823)	3,701,304
51	2061	96	89	368,856	0	0	3,612,339	0	0	3,981,195	0	(161,190)	3,820,005

## Projected Cash Flow

Values are estimated based on an after-tax income goal in retirement of \$72,000 in today's dollars

Year	J	T	Sources of Income					Income Tax					
			Investment Savings	RRSP RRIF	Cash Investments	Other Income	Income Goal	Excess (Deficiency)	Income Tax	Paid by Withholding	Paid From Investment*	Paid From Cash Flow	
1	2011	46	39	23,000	0	0	170,000	0	0	(35,264)	0	0	35,264
2	2012	47	40	23,575	0	0	174,250	0	0	(36,250)	0	0	36,250
3	2013	48	41	24,164	0	0	178,606	0	0	(37,265)	0	0	37,265
4	2014	49	42	24,768	0	0	183,071	0	0	(38,312)	0	0	38,312
5	2015	50	43	25,388	0	0	187,648	0	0	(39,390)	0	0	39,390
<b>20</b>	<b>2030</b>	<b>65</b>	<b>58</b>	<b>0</b>	<b>41,429</b>	<b>45,201</b>	<b>28,473</b>	<b>115,103</b>	<b>0</b>	<b>(5,435)</b>	<b>0</b>	<b>5,435</b>	<b>0</b>
21	2031	66	59	0	43,530	45,265	29,185	117,980	0	(5,263)	0	5,263	0
22	2032	67	60	0	45,739	31,732	43,459	120,930	0	(8,345)	0	8,345	0
23	2033	68	61	0	48,061	31,347	44,545	123,953	0	(8,799)	0	8,799	0
24	2034	69	62	0	50,503	30,890	45,659	127,052	0	(9,276)	0	9,276	0
25	2035	70	63	0	53,069	30,358	46,800	130,228	0	(9,779)	0	9,779	0
26	2036	71	64	0	55,768	29,745	47,970	133,484	0	(10,307)	0	10,307	0
27	2037	72	65	0	58,606	17,091	61,124	136,821	0	(10,638)	0	10,638	0
28	2038	73	66	0	61,591	15,999	62,652	140,242	0	(11,233)	0	11,233	0
29	2039	74	67	0	64,730	14,800	64,218	143,748	0	(11,865)	0	11,865	0
30	2040	75	68	0	68,031	13,486	65,824	147,341	0	(12,548)	0	12,548	0
31	2041	76	69	0	71,504	12,051	67,469	151,025	0	(13,288)	0	13,288	0
32	2042	77	70	0	75,158	10,486	69,156	154,800	0	(14,068)	0	14,068	0
33	2043	78	71	0	79,003	8,782	70,885	158,670	0	(14,891)	0	14,891	0
34	2044	79	72	0	116,452	0	72,657	162,637	26,472	(24,245)	0	0	24,245
35	2045	80	73	0	114,987	0	74,474	166,703	22,757	(23,641)	0	884	22,757
36	2046	81	74	0	113,549	0	76,335	170,871	19,014	(23,141)	0	4,127	19,014
37	2047	82	75	0	112,122	0	78,244	175,143	15,223	(22,641)	0	7,417	15,223
38	2048	83	76	0	110,828	0	80,200	179,521	11,506	(22,171)	0	10,664	11,506
39	2049	84	77	0	109,351	0	82,205	184,009	7,547	(21,651)	0	14,104	7,547
<b>Summary</b>													
20	2030	65	58	0	41,429	45,201	28,473	115,103	0	(5,435)	0	5,435	0
30	2040	75	68	0	68,031	13,486	65,824	147,341	0	(12,548)	0	12,548	0
37	2047	82	75	0	112,122	0	78,244	175,143	15,223	(22,641)	0	7,417	15,223
46	2056	91	84	0	99,938	21,075	97,716	218,729	0	(18,723)	0	18,723	0
51	2061	96	89	0	136,915	0	110,556	247,472	0	(36,185)	22,669	13,516	0

\*withdrawal beginning of the following tax year

## Projected Taxation: John

### Estimated income taxes and rates

Year	J	T	Income Tax Payable							Rate of Taxation				
			Taxable Income	Basic Tax	Age Credit	Pension Credit	Age Clawback	OAS Clawback	Total Payable	Average Tax Rate	Marginal Tax Rate	Effective Tax Rate		
1	2011	46	39	78,950	(17,632)	0	0	0	0	0	(17,632)	22.33%	32.50%	32.50%
2	2012	47	40	81,084	(18,125)	0	0	0	0	0	(18,125)	22.35%	32.50%	32.50%
3	2013	48	41	83,279	(18,633)	0	0	0	0	0	(18,633)	22.37%	32.50%	32.50%
4	2014	49	42	85,537	(19,156)	0	0	0	0	0	(19,156)	22.39%	32.50%	32.50%
5	2015	50	43	87,861	(19,695)	0	0	0	0	0	(19,695)	22.42%	32.50%	32.50%
<b>20</b>	<b>2030</b>	<b>65</b>	<b>58</b>	<b>50,477</b>	<b>(6,704)</b>	<b>1,912</b>	<b>351</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(4,442)</b>	<b>8.80%</b>	<b>20.06%</b>	<b>20.06%</b>
21	2031	66	59	50,950	(6,714)	1,959	351	0	0	0	(4,404)	8.64%	20.06%	20.06%
22	2032	67	60	49,882	(6,412)	2,008	351	0	0	0	(4,053)	8.12%	20.06%	20.06%
23	2033	68	61	51,718	(6,690)	2,059	351	0	0	0	(4,281)	8.28%	20.06%	20.06%
24	2034	69	62	53,631	(6,982)	2,110	351	0	0	0	(4,521)	8.43%	20.06%	20.06%
25	2035	70	63	55,624	(7,287)	2,163	351	0	0	0	(4,774)	8.58%	20.06%	20.06%
26	2036	71	64	57,701	(7,607)	2,217	351	0	0	0	(5,040)	8.73%	20.06%	20.06%
27	2037	72	65	59,865	(7,942)	2,272	351	0	0	0	(5,319)	8.89%	20.06%	20.06%
28	2038	73	66	62,121	(8,293)	2,329	351	(3)	0	0	(5,617)	9.04%	20.06%	20.82%
29	2039	74	67	64,474	(8,661)	2,387	351	(10)	0	0	(5,932)	9.20%	20.06%	20.82%
30	2040	75	68	66,928	(9,046)	2,447	351	(25)	0	0	(6,274)	9.37%	20.06%	23.07%
31	2041	76	69	69,487	(9,450)	2,508	351	(53)	0	0	(6,644)	9.56%	20.06%	23.07%
32	2042	77	70	72,157	(9,874)	2,571	351	(82)	0	0	(7,034)	9.75%	20.06%	23.07%
33	2043	78	71	74,944	(10,318)	2,635	351	(114)	0	0	(7,445)	9.93%	20.06%	23.07%
34	2044	79	72	94,555	(14,524)	2,701	351	(650)	0	0	(12,123)	12.82%	29.70%	32.71%
35	2045	80	73	94,730	(14,339)	2,769	351	(601)	0	0	(11,821)	12.48%	22.70%	25.71%
36	2046	81	74	94,942	(14,208)	2,838	351	(551)	0	0	(11,571)	12.19%	22.70%	25.71%
37	2047	82	75	95,183	(14,079)	2,909	351	(500)	0	0	(11,320)	11.89%	22.70%	25.71%
38	2048	83	76	95,514	(13,966)	2,982	351	(451)	0	0	(11,085)	11.61%	22.70%	25.71%
39	2049	84	77	95,778	(13,833)	3,056	351	(399)	0	0	(10,825)	11.30%	22.70%	25.71%
<b>Summary</b>														
20	2030	65	58	50,477	(6,704)	1,912	351	0	0	0	(4,442)	8.80%	20.06%	20.06%
30	2040	75	68	66,928	(9,046)	2,447	351	(25)	0	0	(6,274)	9.37%	20.06%	23.07%
37	2047	82	75	95,183	(14,079)	2,909	351	(500)	0	0	(11,320)	11.89%	22.70%	25.71%
46	2056	91	84	98,827	(13,323)	3,633	351	(22)	0	0	(9,362)	9.47%	20.06%	23.07%
51	2061	96	89	142,086	(21,618)	4,110	351	(935)	0	0	(18,093)	12.73%	22.70%	25.71%

## Projected Taxation: Tanya

### Estimated income taxes and rates

Year	J	T	Income Tax Payable							Rate of Taxation				
			Taxable Income	Basic Tax	Age Credit	Pension Credit	Age Clawback	OAS Clawback	Total Payable	Average Tax Rate	Marginal Tax Rate	Effective Tax Rate		
1	2011	46	39	78,950	(17,632)	0	0	0	0	0	(17,632)	22.33%	32.50%	32.50%
2	2012	47	40	81,084	(18,125)	0	0	0	0	0	(18,125)	22.35%	32.50%	32.50%
3	2013	48	41	83,279	(18,633)	0	0	0	0	0	(18,633)	22.37%	32.50%	32.50%
4	2014	49	42	85,537	(19,156)	0	0	0	0	0	(19,156)	22.39%	32.50%	32.50%
5	2015	50	43	87,861	(19,695)	0	0	0	0	0	(19,695)	22.42%	32.50%	32.50%
<b>20</b>	<b>2030</b>	<b>65</b>	<b>58</b>	<b>22,004</b>	<b>(993)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(993)</b>	<b>4.51%</b>	<b>20.06%</b>	<b>20.06%</b>
21	2031	66	59	21,765	(859)	0	0	0	0	0	(859)	3.95%	20.06%	20.06%
22	2032	67	60	39,316	(4,292)	0	0	0	0	0	(4,292)	10.92%	20.06%	20.06%
23	2033	68	61	40,888	(4,518)	0	0	0	0	0	(4,518)	11.05%	20.06%	20.06%
24	2034	69	62	42,530	(4,755)	0	0	0	0	0	(4,755)	11.18%	20.06%	20.06%
25	2035	70	63	44,246	(5,005)	0	0	0	0	0	(5,005)	11.31%	20.06%	20.06%
26	2036	71	64	46,038	(5,268)	0	0	0	0	0	(5,268)	11.44%	20.06%	20.06%
27	2037	72	65	59,865	(7,942)	2,272	351	0	0	0	(5,319)	8.89%	20.06%	20.06%
28	2038	73	66	62,121	(8,293)	2,329	351	(3)	0	0	(5,617)	9.04%	20.06%	20.82%
29	2039	74	67	64,474	(8,661)	2,387	351	(10)	0	0	(5,932)	9.20%	20.06%	20.82%
30	2040	75	68	66,928	(9,046)	2,447	351	(25)	0	0	(6,274)	9.37%	20.06%	23.07%
31	2041	76	69	69,487	(9,450)	2,508	351	(53)	0	0	(6,644)	9.56%	20.06%	23.07%
32	2042	77	70	72,157	(9,874)	2,571	351	(82)	0	0	(7,034)	9.75%	20.06%	23.07%
33	2043	78	71	74,944	(10,318)	2,635	351	(114)	0	0	(7,445)	9.93%	20.06%	23.07%
34	2044	79	72	94,555	(14,524)	2,701	351	(650)	0	0	(12,123)	12.82%	29.70%	32.71%
35	2045	80	73	94,730	(14,339)	2,769	351	(601)	0	0	(11,821)	12.48%	22.70%	25.71%
36	2046	81	74	94,942	(14,208)	2,838	351	(551)	0	0	(11,571)	12.19%	22.70%	25.71%
37	2047	82	75	95,183	(14,079)	2,909	351	(500)	0	0	(11,320)	11.89%	22.70%	25.71%
38	2048	83	76	95,514	(13,966)	2,982	351	(451)	0	0	(11,085)	11.61%	22.70%	25.71%
39	2049	84	77	95,778	(13,833)	3,056	351	(399)	0	0	(10,825)	11.30%	22.70%	25.71%
<b>Summary</b>														
20	2030	65	58	22,004	(993)	0	0	0	0	0	(993)	4.51%	20.06%	20.06%
30	2040	75	68	66,928	(9,046)	2,447	351	(25)	0	0	(6,274)	9.37%	20.06%	23.07%
37	2047	82	75	95,183	(14,079)	2,909	351	(500)	0	0	(11,320)	11.89%	22.70%	25.71%
46	2056	91	84	98,827	(13,323)	3,633	351	(22)	0	0	(9,362)	9.47%	20.06%	23.07%
51	2061	96	89	142,086	(21,618)	4,110	351	(935)	0	0	(18,093)	12.73%	22.70%	25.71%

## Projected Retirement Investments

Values are estimated assuming an annual rate of return of 5.00%

Current value of Investments: \$350,000

Year	J	T	Investment Deposits			Investment Withdrawals				Investment Values			
			Annual Deposit	Estimated Tax Savings	Investment Growth	Required Minimum	Income Needs	Tax Withdrawal	Withholding Tax	Investment Value	Deferred Taxes	After-Tax Value	
1	2011	46	39	13,000	(4,225)	17,500	0	0	0	0	380,500	(166,279)	214,222
2	2012	47	40	13,325	(4,331)	19,025	0	0	0	0	412,850	(180,415)	232,435
3	2013	48	41	13,658	(4,439)	20,643	0	0	0	0	447,151	(195,405)	251,746
4	2014	49	42	14,000	(4,550)	22,358	0	0	0	0	483,508	(211,293)	272,215
5	2015	50	43	14,350	(4,664)	24,175	0	0	0	0	522,033	(228,128)	293,904
<b>20</b>	<b>2030</b>	<b>65</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>67,244</b>	<b>41,429</b>	<b>41,429</b>	<b>0</b>	<b>0</b>	<b>1,392,964</b>	<b>(608,725)</b>	<b>784,239</b>
21	2031	66	59	0	0	68,478	43,530	43,530	0	0	1,417,912	(619,627)	798,284
22	2032	67	60	0	0	69,666	45,739	45,739	0	0	1,441,838	(630,083)	811,755
23	2033	68	61	0	0	70,800	48,061	48,061	0	0	1,464,577	(640,020)	824,557
24	2034	69	62	0	0	71,871	50,503	50,503	0	0	1,485,946	(649,358)	836,587
25	2035	70	63	0	0	72,871	53,069	53,069	0	0	1,505,747	(658,011)	847,736
26	2036	71	64	0	0	73,788	55,768	55,768	0	0	1,523,767	(665,886)	857,881
27	2037	72	65	0	0	74,613	58,606	58,606	0	0	1,539,773	(672,881)	866,892
28	2038	73	66	0	0	75,333	61,591	61,591	0	0	1,553,515	(678,886)	874,629
29	2039	74	67	0	0	75,936	64,730	64,730	0	0	1,564,721	(683,783)	880,938
30	2040	75	68	0	0	76,407	68,031	68,031	0	0	1,573,097	(687,443)	885,654
31	2041	76	69	0	0	76,733	71,504	71,504	0	0	1,578,326	(689,728)	888,597
32	2042	77	70	0	0	76,896	75,158	75,158	0	0	1,580,063	(690,488)	889,576
33	2043	78	71	0	0	76,879	79,003	79,003	0	0	1,577,939	(689,559)	888,380
34	2044	79	72	0	0	75,767	116,452	116,452	0	0	1,537,254	(671,780)	865,474
35	2045	80	73	0	0	73,772	114,987	114,987	0	0	1,496,039	(653,769)	842,270
36	2046	81	74	0	0	71,750	113,549	113,549	0	0	1,454,239	(635,503)	818,737
37	2047	82	75	0	0	69,698	112,122	112,122	0	0	1,411,815	(616,963)	794,852
38	2048	83	76	0	0	67,612	110,828	110,828	0	0	1,368,599	(598,078)	770,521
39	2049	84	77	0	0	65,490	109,351	109,351	0	0	1,324,739	(578,911)	745,828
<b>Summary</b>													
20	2030	65	58	0	0	67,244	41,429	41,429	0	0	1,392,964	(608,725)	784,239
30	2040	75	68	0	0	76,407	68,031	68,031	0	0	1,573,097	(687,443)	885,654
37	2047	82	75	0	0	69,698	112,122	112,122	0	0	1,411,815	(616,963)	794,852
46	2056	91	84	0	0	49,473	99,938	99,938	0	0	992,731	(433,823)	558,908
51	2061	96	89	0	0	21,001	60,270	136,915	14,031	22,669	368,856	(161,190)	207,666

