## Financepath - Melbourne

Prepared for: Mr \& Mrs Investor
Consultant: Mark Attard
Property: 2 Storey St Box Hill Sth
Description: 2 bed 2 bath single level villa

## SUMMARY

| Assumptions |  | Projected results over | $\mathbf{5}$ yrs |
| :--- | ---: | :--- | ---: |
| Property value | $\$ 690,000$ | Property value | $\$ 923,376$ |
| Initial investment | $\$ 26,886$ | Equity | $\$ 233,376$ |
| Gross rental yield | $3.58 \%$ | After-tax return $/ \mathrm{yr}$ | $44.85 \%$ |
| Net rental yield | $2.86 \%$ | Net present value | $\$ 160,768$ |
| Cap. growth rate | $6.00 \%$ | IF SOLD |  |
| Inflation rate | $3.00 \%$ | Selling costs \& CGT | $\$ 72,759$ |
| Interest rate | $4.90 \%$ | Equity | $\$ 160,617$ |
| Taxable income | $\$ 200,000$ | After-tax return $/ \mathrm{yr}$ | $33.67 \%$ |

COMPUTER PROJECTIONS

| Investment Analysis | Projections over 5 years |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| End of year | 2015 | 1 yr | 2 yr | 3 yr | 4 yr | 5 yr |
| Property value | \$690,000 | 731,400 | 775,284 | 821,801 | 871,109 | 923,376 |
| Purchase costs | \$24,600 |  |  |  |  |  |
| Investments | \$26,886 |  |  |  |  |  |
| Loan amount | \$690,000 | 690,000 | 690,000 | 690,000 | 690,000 | 690,000 |
| Equity | \$0 | 41,400 | 85,284 | 131,801 | 181,109 | 233,376 |
| Capital growth rate | 6.00\% | 6.00\% | 6.00\% | 6.00\% | 6.00\% | 6.00\% |
| Inflation rate (CPI) | 3.00\% | 3.00\% | 3.00\% | 3.00\% | 3.00\% | 3.00\% |
| Gross rent /week | \$480 | 24,710 | 25,452 | 26,215 | 27,002 | 27,812 |
| Cash deductions |  |  |  |  |  |  |
| Interest (I/O) | 4.90\% | 33,810 | 33,810 | 33,810 | 33,810 | 33,810 |
| Rental expenses | 19.88\% | 4,963 | 5,112 | 5,265 | 5,423 | 5,585 |
| Pre-tax cash flow | \$-26,886 | -14,062 | -13,470 | -12,860 | -12,231 | -11,584 |
| Non-cash deductions |  |  |  |  |  |  |
| Deprec.of building | 2.50\% | 8,625 | 8,625 | 8,625 | 8,625 | 8,625 |
| Deprec.of fittings | \$28,000 | 2,833 | 3,771 | 2,857 | 2,285 | 1,928 |
| Loan costs | \$2,286 | 457 | 457 | 457 | 457 | 457 |
| Total deductions |  | 50,688 | 51,775 | 51,014 | 50,600 | 50,406 |
| Tax credit (joint) | \$200,000 | 9,547 | 9,782 | 9,333 | 9,007 | 8,756 |
| After-tax cash flow | \$-26,886 | -4,515 | -3,688 | -3,527 | -3,224 | -2,828 |
| Rate of return (IRR) | 44.85\% |  | Your cos | ncome) per | eek |  |
| Pre-tax equivalent | 73.53\% | 87 | 71 | 68 | 62 | 54 |

Disclaimer: Note that the computer projections listed above simply illustrate the outcome calculated from the input values and the assumptions contained in the model. Hence the figures can be varied as required and are in no way intended to be a guarantee of future performance. Although the information is provided in good faith, it is also given on the basis that no person using the information, in whole or in part, shall have any claim against Financepath - Melbourne, its servants, employees or consultants.

## Financepath - Melbourne

21-Jun-2016
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Consultant: Mark Attard
Property: 2 Storey St Box Hill Sth
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## Cash Flow Analysis Summary

Investment Cost

| Purchase price | 690,000 |
| :--- | ---: |
| Purchase costs | 24,600 |
| Loan costs | 2,286 |
| Total investment cost | 716,886 |

## Loan Details

| Initial cash invested | 26,886 |
| :--- | ---: |
| Initial loan amount (total cost + any additional loan - cash invested) | 690,000 |
| Loan type | $\mathrm{I} / \mathrm{O}(4.90 \%)$ |
| Interest payments | 33,810 |
| Total loan payments | $\mathbf{3 3 , 8 1 0}$ |
| Closing loan balance | 690,000 |

## Property Income and Expenditure

## Rental income <br> 24,710

Rental expenses $\quad 4,963$
Net rental income (rent retained - expenses paid) 19,748

Pre-Tax Cash Flow (net rent - loan payments) -14,062

Tax Deductions
Cash deductions

| Loan interest | 33,810 |
| :--- | ---: |
| Rental expenses | 4,963 |

Non-Cash Deductions
Depreciation - Building (\$345,000 @ 2.50\%) 8,625
Depreciation - Furniture, fixtures \& fittings 2,833
Loan cost write-off (\$2,286 over 5 yrs) 457
Total Tax Deductions 50,688

## Tax Credit Calculation

|  | Investor | Partner | Total |
| :--- | :---: | ---: | ---: |
| Ownership (joint names) | $50.00 \%$ | $50.00 \%$ | $100 \%$ |
| Current taxable income | 120,000 | 80,000 | 200,000 |
| Rental income | 12,355 | 12,355 | 24,710 |
| Total income | 132,355 | 92,355 | 224,710 |
| Deductions claimed | 25,344 | 25,344 | 50,688 |
| New taxable income | 107,011 | 67,011 | 174,022 |
| Current tax | 34,747 | 19,147 | 53,894 |
| New tax | 29,681 | 14,666 | 44,347 |
| Tax savings (current - new) | 5,066 | 4,481 | 9,547 |
| Tax credits | $\mathbf{5 , 0 6 6}$ | $\mathbf{4 , 4 8 1}$ | $\mathbf{9 , 5 4 7}$ |

Disclaimer: Note that the computer projections listed above simply illustrate the outcome calculated from the input values and the assumptions contained in the model. Hence the figures can be varied as required and are in no way intended to be a guarantee of future performance. Although the information is provided in good faith, it is also given on the basis that no person using the information, in whole or in part, shall have any claim against Financepath - Melbourne, its servants, employees or consultants..

Tabulated breakdown of items contributing to first year cash flow

## INVESTMENT COST

Purchase price ..... 690,000
Purchase costs ..... 24,600
Loan costs ..... 2,286
Total investment cost ..... \$716,886
Purchase Costs
Conveyancing costs: ..... 1,000
Govt. Stamp duty: ..... 17,000
Advocacy Fee: ..... 6,600
Total Purchase costs: ..... $\mathbf{\$ 2 4 , 6 0 0}$
Loan Costs
Establishment fees ( $0.07 \%$ of loan): ..... 501
Mortgagee's solicitor's fees: ..... 1,000
Valuation fees: ..... 265
Registration of mortgage: ..... 230
Registration of title: ..... 115
Search fees: ..... 175
Total loan costs: ..... \$2,286

## FINANCE

| Initial cash invested | 26,886 |
| :--- | ---: |
| Initial loan amount (total cost + any additional loan - initial cash) | 690,000 |
| Loan type | $\mathrm{I} / \mathrm{O}(4.90 \%)$ |
| Interest payments | 33,810 |
| Total loan payments | $\mathbf{\$ 3 3 , 8 1 0}$ |
| Closing loan balance | 690,000 |

## Initial Investment \& Loan Amount

|  | Investment | Loan | Total Cost |
| :--- | ---: | ---: | ---: |
| Property cost: | 0 | 690,000 | 690,000 |
| Renovation costs: | 0 | 0 | 0 |
| Purchase costs: | 24,600 | 0 | 24,600 |
| Furniture costs: | 0 | 0 | 0 |
| Loan costs: | 2,286 | 0 | 2,286 |
| Totals: | $\mathbf{\$ 2 6 , 8 8 6}$ | $\mathbf{\$ 6 9 0 , 0 0 0}$ | $\mathbf{\$ 7 1 6 , 8 8 6}$ |

## Loan Details

Loan type:
Interest rate (yr 1) (\%)
Loan amount(\$):
Loan costs (written off over 5 yrs):
Monthly payment:
Annual payment:
I/O Yrs 1-40 4.90 \$690,000

## PROPERTY INCOME \& EXPENDITURE

Rental income ..... 24,710
Gross yield (rental income/property value) ..... 3.58\%
Rental expenses ..... 4,963
Net rental income (rent retained - expenses paid) ..... 19,748
Net yield (net rental income/property value) ..... 2.86\%
Rental Income
Rent per week: ..... 480
Potential annual rent: ..... 24,960
Vacancy rate: ..... 1.00\%
Annual rent: ..... $\mathbf{\$ 2 4 , 7 1 0}$
Rental Expenses
Regular Expenses:
Agent's commission (6.00\%): ..... 1,483
Letting fees: ..... 480
Rates: ..... 1,000
Insurance: ..... 1,000
Maintenance: ..... 500
Body corporate: ..... 500
Total regular expenses: ..... 4,963
Special expenses: ..... 0
Total expenses: ..... \$4,963
Regular expenses as \% of annual rent: ..... 19.88\%
Net yield or Capitalisation rate: ..... 2.86\%

## PRE-TAX CASH FLOW

## Item

Rental income

## Cash Amount

Rental expenses24,710Loan interest4,963Principal payments33,810Cash investments ..... 0
Pre-tax cash flow (year 1) ..... $-14,062$

## TAX DEDUCTIONS

Cash deductions
Loan interest ..... 33,810
Rental expenses ..... 4,963
Non-Cash Deductions
Depreciation - Building (\$345,000 @ 2.50\%) ..... 8,625
Depreciation - Furniture, fixtures \& fittings ..... 2,833
Loan cost write-off ( $\$ 2,286$ over 5 yrs) ..... 457
Total Tax Deductions ..... $\mathbf{\$ 5 0 , 6 8 8}$
Depreciation on the building (Capital allowance)

| Property value: | 690,000 |
| :--- | ---: |
| Depreciable amount: | 345,000 |
| Depreciation allowance rate (\%): | 2.50 |
| Depreciation claim: | $\mathbf{\$ 8 , 6 2 5}$ |

## Depreciation of fittings (prime cost method)

| Item | Value | Effective Life <br> $(\mathbf{y r s})$ | Depreciation |
| :--- | ---: | ---: | ---: |
| General fittings | 20,000 | 15.00 | 1,333 |
| Low-value pool | 8,000 | 4.00 | 1,500 |
| Total | $\mathbf{\$ 2 8 , 0 0 0}$ |  | $\mathbf{\$ 2 , 8 3 3}$ |

## TAX CREDIT CALCULATION

|  | Investor | Partner | Total |
| :--- | :---: | ---: | ---: |
| Ownership (joint names) | $50.00 \%$ | $50.00 \%$ | $100 \%$ |
| Current taxable income | 120,000 | 80,000 | 200,000 |
| Rental income | 12,355 | 12,355 | 24,710 |
| Total income | 132,355 | 92,355 | 224,710 |
| Deductions claimed | 25,344 | 25,344 | 50,688 |
| New taxable income | 107,011 | 67,011 | 174,022 |
| Current tax | 34,747 | 19,147 | 53,894 |
| New tax | 29,681 | 14,666 | 44,347 |
| Tax savings (current - new) | 5,066 | 4,481 | 9,547 |
| Tax credits | $\mathbf{5 , 0 6 6}$ | $\mathbf{4 , 4 8 1}$ | $\mathbf{9 , 5 4 7}$ |

## AFTER-TAX CASH FLOW

Annual after-tax investment (pre-tax cash flow + tax credit) ..... \$4,515 Weekly after-tax investment ..... \$87

## CASH FLOW PROJECTIONS

To estimate future cash flows, assumptions have been made with regard to change over time in rental income, rental expenses and taxable income. Rental income is assumed to increase at $3.00 \%$ per year from year 1. Rental expenses are assumed to increase at $3.00 \%$ per year from year 1 .

| Cash flow items | Initial | $\mathbf{1 y r}$ | $\mathbf{2 y r}$ | $\mathbf{3 y r}$ | $\mathbf{4 y r}$ | $\mathbf{5 y r}$ |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Rental income |  | 24,710 | 25,452 | 26,215 | 27,002 | 27,812 |
| Cash invested | 26,886 | 0 | 0 | 0 | 0 | 0 |
| Principal payments |  | 0 | 0 | 0 | 0 | 0 |
| Interest payments |  | 33,810 | 33,810 | 33,810 | 33,810 | 33,810 |
| Rental expenses |  | 4,963 | 5,112 | 5,265 | 5,423 | 5,585 |
| Pre-tax cash flow | $\mathbf{- 2 6 , 8 8 6}$ | $\mathbf{- 1 4 , 0 6 2}$ | $\mathbf{- 1 3 , 4 7 0}$ | $\mathbf{- 1 2 , 8 6 0}$ | $\mathbf{- 1 2 , 2 3 1}$ | $\mathbf{- 1 1 , 5 8 4}$ |
|  |  |  |  |  |  |  |
| Tax deductions |  | 50,688 | 51,775 | 51,014 | 50,600 | 50,406 |
| Tax credits | 9,547 | 9,782 | 9,333 | 9,007 | 8,756 |  |
| After-tax cash flow | $\mathbf{- 2 6 , 8 8 6}$ | $\mathbf{- 4 , 5 1 5}$ | $\mathbf{- 3 , 6 8 8}$ | $\mathbf{- 3 , 5 2 7}$ | $\mathbf{- 3 , 2 2 4}$ | $\mathbf{- 2 , 8 2 8}$ |
| Cost /(income) per week |  | $\mathbf{8 7}$ | $\mathbf{7 1}$ | $\mathbf{6 8}$ | $\mathbf{6 2}$ | $\mathbf{5 4}$ |

## TAX BENEFITS

These are shown below for the given taxable incomes and are based on the specified tax scale.

Number of properties: 1

|  | Investor | Partner | Total |
| :--- | ---: | ---: | ---: |
| Ownership: joint names | $50.00 \%$ | $50.00 \%$ | $100 \%$ |
| Current taxable income: | 120,000 | 80,000 | 200,000 |
| Rental income: | 12,355 | 12,355 | 24,710 |
| Total income: | 132,355 | 92,355 | 224,710 |
| Rental deductions: | 25,344 | 25,344 | 50,688 |
| New taxable income: | 107,011 | 67,011 | 174,022 |
|  |  |  |  |
| Current tax: | 34,747 | 19,147 | 53,894 |
| New tax: | 29,681 | 14,666 | 44,347 |
| Tax savings: | 5,066 | 4,481 | 9,547 |
|  |  |  |  |
| Total tax credits: | $\mathbf{\$ 5 , 0 6 6}$ | $\mathbf{\$ 4 , 4 8 1}$ | $\mathbf{\$ 9 , 5 4 7}$ |

Who pays the cost (1st year)?


Projections over 25 years

| Year | Interest <br> costs | Rental <br> expenses | Total <br> cost | Rent <br> (tenant) | Tax credit <br> (taxman) | Cash <br> $($ you $)$ |
| ---: | :---: | :---: | :---: | :---: | :---: | ---: |
| 1 yr | $\$ 33,810$ | $\$ 4,963$ | $\$ 38,773$ | $\$ 24,710$ | $\$ 9,547$ | $\$ 4,515$ |
| 2 yr | $\$ 33,810$ | $\$ 5,112$ | $\$ 38,922$ | $\$ 25,452$ | $\$ 9,782$ | $\$ 3,688$ |
| 3 yr | $\$ 33,810$ | $\$ 5,265$ | $\$ 39,075$ | $\$ 26,215$ | $\$ 9,333$ | $\$ 3,527$ |
| 4 yr | $\$ 33,810$ | $\$ 5,423$ | $\$ 39,233$ | $\$ 27,002$ | $\$ 9,007$ | $\$ 3,224$ |
| 5 yr | $\$ 33,810$ | $\$ 5,585$ | $\$ 39,395$ | $\$ 27,812$ | $\$ 8,756$ | $\$ 2,828$ |
| 6 yr | $\$ 33,810$ | $\$ 5,753$ | $\$ 39,563$ | $\$ 28,646$ | $\$ 8,286$ | $\$ 2,631$ |
| 7 yr | $\$ 33,810$ | $\$ 5,926$ | $\$ 39,736$ | $\$ 29,506$ | $\$ 7,964$ | $\$ 2,266$ |
| 8 yr | $\$ 33,810$ | $\$ 6,103$ | $\$ 39,913$ | $\$ 30,391$ | $\$ 7,654$ | $\$ 1,869$ |
| 9 yr | $\$ 33,810$ | $\$ 6,287$ | $\$ 40,097$ | $\$ 31,302$ | $\$ 7,349$ | $\$ 1,445$ |
| 10 yr | $\$ 33,810$ | $\$ 6,475$ | $\$ 40,285$ | $\$ 32,241$ | $\$ 7,043$ | $\$ 1,001$ |
| 11 yr | $\$ 33,810$ | $\$ 6,669$ | $\$ 40,479$ | $\$ 33,209$ | $\$ 6,733$ | $\$ 538$ |
| 12 yr | $\$ 33,810$ | $\$ 6,869$ | $\$ 40,679$ | $\$ 34,205$ | $\$ 6,417$ | $\$ 57$ |
| 13 yr | $\$ 33,810$ | $\$ 7,076$ | $\$ 40,886$ | $\$ 35,231$ | $\$ 6,094$ | $\$-440$ |
| 14 yr | $\$ 33,810$ | $\$ 7,288$ | $\$ 41,098$ | $\$ 36,288$ | $\$ 5,763$ | $\$-953$ |
| 15 yr | $\$ 33,810$ | $\$ 7,506$ | $\$ 41,316$ | $\$ 37,377$ | $\$ 5,573$ | $\$-1,633$ |
| 16 yr | $\$ 33,810$ | $\$ 7,732$ | $\$ 41,542$ | $\$ 38,498$ | $\$ 5,136$ | $\$-2,092$ |
| 17 yr | $\$ 33,810$ | $\$ 7,964$ | $\$ 41,774$ | $\$ 39,653$ | $\$ 4,729$ | $\$-2,608$ |
| 18 yr | $\$ 33,810$ | $\$ 8,202$ | $\$ 42,012$ | $\$ 40,843$ | $\$ 4,310$ | $\$-3,140$ |
| 19 yr | $\$ 33,810$ | $\$ 8,449$ | $\$ 42,259$ | $\$ 42,068$ | $\$ 3,879$ | $\$-3,688$ |
| 20 yr | $\$ 33,810$ | $\$ 8,702$ | $\$ 42,512$ | $\$ 43,330$ | $\$ 3,436$ | $\$-4,254$ |
| 21 yr | $\$ 33,810$ | $\$ 8,963$ | $\$ 42,773$ | $\$ 44,630$ | $\$ 2,978$ | $\$-4,835$ |
| 22 yr | $\$ 33,810$ | $\$ 9,232$ | $\$ 43,042$ | $\$ 45,969$ | $\$ 2,508$ | $\$-5,435$ |
| 23 yr | $\$ 33,810$ | $\$ 9,509$ | $\$ 43,319$ | $\$ 47,348$ | $\$ 2,022$ | $\$-6,051$ |
| 24 yr | $\$ 33,810$ | $\$ 9,794$ | $\$ 43,604$ | $\$ 48,768$ | $\$ 1,523$ | $\$-6,687$ |
| 25 yr | $\$ 33,810$ | $\$ 10,088$ | $\$ 43,898$ | $\$ 50,231$ | $\$ 1,008$ | $\$-7,341$ |



Average contribution (10 years)



Cumulative projected income and expenses over 25 years

| Year | Rent <br> (tenant) | Tax credits <br> (taxman) | Cumulative <br> income | Interest <br> cost | Rental <br> expenses | Cumulative <br> expenses |
| ---: | :---: | :---: | :---: | :---: | :---: | ---: |
| 1 yr | $\$ 24,710$ | $\$ 9,547$ | $\$ 34,257$ | $\$ 33,810$ | $\$ 4,963$ | $\$ 38,773$ |
| 2 yr | $\$ 25,452$ | $\$ 9,782$ | $\$ 69,491$ | $\$ 33,810$ | $\$ 5,112$ | $\$ 77,694$ |
| 3 yr | $\$ 26,215$ | $\$ 9,333$ | $\$ 105,039$ | $\$ 33,810$ | $\$ 5,265$ | $\$ 116,769$ |
| 4 yr | $\$ 27,002$ | $\$ 9,007$ | $\$ 141,048$ | $\$ 33,810$ | $\$ 5,423$ | $\$ 156,002$ |
| 5 yr | $\$ 27,812$ | $\$ 8,756$ | $\$ 177,616$ | $\$ 33,810$ | $\$ 5,585$ | $\$ 195,397$ |
| 6 yr | $\$ 28,646$ | $\$ 8,286$ | $\$ 214,548$ | $\$ 33,810$ | $\$ 5,753$ | $\$ 234,960$ |
| 7 yr | $\$ 29,506$ | $\$ 7,964$ | $\$ 252,018$ | $\$ 33,810$ | $\$ 5,926$ | $\$ 274,696$ |
| 8 yr | $\$ 30,391$ | $\$ 7,654$ | $\$ 290,062$ | $\$ 33,810$ | $\$ 6,103$ | $\$ 314,609$ |
| 9 yr | $\$ 31,302$ | $\$ 7,349$ | $\$ 328,714$ | $\$ 33,810$ | $\$ 6,287$ | $\$ 354,706$ |
| 10 yr | $\$ 32,241$ | $\$ 7,043$ | $\$ 367,998$ | $\$ 33,810$ | $\$ 6,475$ | $\$ 394,991$ |
| 11 yr | $\$ 33,209$ | $\$ 6,733$ | $\$ 407,940$ | $\$ 33,810$ | $\$ 6,669$ | $\$ 435,470$ |
| 12 yr | $\$ 34,205$ | $\$ 6,417$ | $\$ 448,562$ | $\$ 33,810$ | $\$ 6,869$ | $\$ 476,150$ |
| 13 yr | $\$ 35,231$ | $\$ 6,094$ | $\$ 489,887$ | $\$ 33,810$ | $\$ 7,076$ | $\$ 517,035$ |
| 14 yr | $\$ 36,288$ | $\$ 5,763$ | $\$ 531,938$ | $\$ 33,810$ | $\$ 7,288$ | $\$ 558,133$ |
| 15 yr | $\$ 37,377$ | $\$ 5,573$ | $\$ 574,888$ | $\$ 33,810$ | $\$ 7,506$ | $\$ 599,449$ |
| 16 yr | $\$ 38,498$ | $\$ 5,136$ | $\$ 618,522$ | $\$ 33,810$ | $\$ 7,732$ | $\$ 640,991$ |
| 17 yr | $\$ 39,653$ | $\$ 4,729$ | $\$ 662,904$ | $\$ 33,810$ | $\$ 7,964$ | $\$ 682,765$ |
| 18 yr | $\$ 40,843$ | $\$ 4,310$ | $\$ 708,056$ | $\$ 33,810$ | $\$ 8,202$ | $\$ 724,777$ |
| 19 yr | $\$ 42,068$ | $\$ 3,879$ | $\$ 754,003$ | $\$ 33,810$ | $\$ 8,449$ | $\$ 767,036$ |
| 20 yr | $\$ 43,330$ | $\$ 3,436$ | $\$ 800,769$ | $\$ 33,810$ | $\$ 8,702$ | $\$ 809,548$ |
| 21 yr | $\$ 44,630$ | $\$ 2,978$ | $\$ 848,376$ | $\$ 33,810$ | $\$ 8,963$ | $\$ 852,321$ |
| 22 yr | $\$ 45,969$ | $\$ 2,508$ | $\$ 896,853$ | $\$ 33,810$ | $\$ 9,232$ | $\$ 895,363$ |
| 23 yr | $\$ 47,348$ | $\$ 2,022$ | $\$ 946,223$ | $\$ 33,810$ | $\$ 9,509$ | $\$ 938,681$ |
| 24 yr | $\$ 48,768$ | $\$ 1,523$ | $\$ 996,514$ | $\$ 33,810$ | $\$ 9,794$ | $\$ 982,286$ |
| 25 yr | $\$ 50,231$ | $\$ 1,008$ | $\$ 1,048 \mathrm{~m}$ | $\$ 33,810$ | $\$ 10,088$ | $\$ 1.026 \mathrm{~m}$ |



Property value \& debt projections over 25 years

| Year | Growth rate | Property value | Amount owing | Equity |
| :---: | :---: | :---: | :---: | :---: |
|  |  | \$690,000 | \$690,000 | \$0 |
| 1 yr | 6.00\% | \$731,400 | \$690,000 | \$41,400 |
| 2 yr | 6.00\% | \$775,284 | \$690,000 | \$85,284 |
| 3 yr | 6.00\% | \$821,801 | \$690,000 | \$131,801 |
| 4 yr | 6.00\% | \$871,109 | \$690,000 | \$181,109 |
| 5 yr | 6.00\% | \$923,376 | \$690,000 | \$233,376 |
| 6 yr | 6.00\% | \$978,778 | \$690,000 | \$288,778 |
| 7 yr | 6.00\% | \$1.038m | \$690,000 | \$347,505 |
| 8 yr | 6.00\% | \$1.100m | \$690,000 | \$409,755 |
| 9 yr | 6.00\% | \$1.166m | \$690,000 | \$475,740 |
| 10 yr | 6.00\% | \$1.236m | \$690,000 | \$545,685 |
| 11 yr | 6.00\% | \$1.310m | \$690,000 | \$619,826 |
| 12 yr | 6.00\% | \$1.388m | \$690,000 | \$698,416 |
| 13 yr | 6.00\% | \$1.472m | \$690,000 | \$781,720 |
| 14 yr | 6.00\% | \$1.560m | \$690,000 | \$870,024 |
| 15 yr | 6.00\% | \$1.654m | \$690,000 | \$963,625 |
| 16 yr | 6.00\% | \$1.753m | \$690,000 | \$1.063m |
| 17 yr | 6.00\% | \$1.858m | \$690,000 | \$1.168m |
| 18 yr | 6.00\% | \$1.969m | \$690,000 | \$1.279m |
| 19 yr | 6.00\% | \$2.088m | \$690,000 | \$1.398m |
| 20 yr | 6.00\% | \$2.213m | \$690,000 | \$1.523m |
| 21 yr | 6.00\% | \$2.346m | \$690,000 | \$1.656m |
| 22 yr | 6.00\% | \$2.486m | \$690,000 | \$1.796m |
| 23 yr | 6.00\% | \$2.636m | \$690,000 | \$1.946m |
| 24 yr | 6.00\% | \$2.794m | \$690,000 | \$2.104m |
| 25 yr | 6.00\% | \$2.961m | \$690,000 | \$2.271m |

## (\$) <br> Investment Property Cash Flows



Cash flow projections over 25 years

| Year | Rental <br> income | Loan <br> payments | Rental <br> expenses | Pre-tax <br> cash flow <br> $\$-26,886$ | Tax credit | After-tax <br> cash flow |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 yr | $\$ 24,710$ | $\$ 33,810$ | $\$ 4,963$ | $\$-14,062$ | $\$ 9,547$ | $\$-26,886$ |
| 2 yr | $\$ 25,452$ | $\$ 33,810$ | $\$ 5,112$ | $\$-13,470$ | $\$ 9,782$ | $\$-3,688$ |
| 3 yr | $\$ 26,215$ | $\$ 33,810$ | $\$ 5,265$ | $\$-12,860$ | $\$ 9,333$ | $\$-3,527$ |
| 4 yr | $\$ 27,002$ | $\$ 33,810$ | $\$ 5,423$ | $\$-12,231$ | $\$ 9,007$ | $\$-3,224$ |
| 5 yr | $\$ 27,812$ | $\$ 33,810$ | $\$ 5,585$ | $\$-11,584$ | $\$ 8,756$ | $\$-2,828$ |
| 6 yr | $\$ 28,646$ | $\$ 33,810$ | $\$ 5,753$ | $\$-10,917$ | $\$ 8,286$ | $\$-2,631$ |
| 7 yr | $\$ 29,506$ | $\$ 33,810$ | $\$ 5,926$ | $\$-10,230$ | $\$ 7,964$ | $\$-2,266$ |
| 8 yr | $\$ 30,391$ | $\$ 33,810$ | $\$ 6,103$ | $\$-9,523$ | $\$ 7,654$ | $\$-1,869$ |
| 9 yr | $\$ 31,302$ | $\$ 33,810$ | $\$ 6,287$ | $\$-8,794$ | $\$ 7,349$ | $\$-1,445$ |
| 10 yr | $\$ 32,241$ | $\$ 33,810$ | $\$ 6,475$ | $\$-8,044$ | $\$ 7,043$ | $\$-1,001$ |
| 11 yr | $\$ 33,209$ | $\$ 33,810$ | $\$ 6,669$ | $\$-7,271$ | $\$ 6,733$ | $\$-538$ |
| 12 yr | $\$ 34,205$ | $\$ 33,810$ | $\$ 6,869$ | $\$-6,474$ | $\$ 6,417$ | $\$-57$ |
| 13 yr | $\$ 35,231$ | $\$ 33,810$ | $\$ 7,076$ | $\$-5,654$ | $\$ 6,094$ | $\$ 440$ |
| 14 yr | $\$ 36,288$ | $\$ 33,810$ | $\$ 7,288$ | $\$-4,810$ | $\$ 5,763$ | $\$ 953$ |
| 15 yr | $\$ 37,377$ | $\$ 33,810$ | $\$ 7,506$ | $\$-3,940$ | $\$ 5,573$ | $\$ 1,633$ |
| 16 yr | $\$ 38,498$ | $\$ 33,810$ | $\$ 7,732$ | $\$-3,044$ | $\$ 5,136$ | $\$ 2,092$ |
| 17 yr | $\$ 39,653$ | $\$ 33,810$ | $\$ 7,964$ | $\$-2,121$ | $\$ 4,729$ | $\$ 2,608$ |
| 18 yr | $\$ 40,843$ | $\$ 33,810$ | $\$ 8,202$ | $\$-1,170$ | $\$ 4,310$ | $\$ 3,140$ |
| 19 yr | $\$ 42,068$ | $\$ 33,810$ | $\$ 8,449$ | $\$-191$ | $\$ 3,879$ | $\$ 3,688$ |
| 20 yr | $\$ 43,330$ | $\$ 33,810$ | $\$ 8,702$ | $\$ 818$ | $\$ 3,436$ | $\$ 4,254$ |
| 21 yr | $\$ 44,630$ | $\$ 33,810$ | $\$ 8,963$ | $\$ 1,857$ | $\$ 2,978$ | $\$ 4,835$ |
| 22 yr | $\$ 45,969$ | $\$ 33,810$ | $\$ 9,232$ | $\$ 2,927$ | $\$ 2,508$ | $\$ 5,435$ |
| 23 yr | $\$ 47,348$ | $\$ 33,810$ | $\$ 9,509$ | $\$ 4,029$ | $\$ 2,022$ | $\$ 6,051$ |
| 24 yr | $\$ 48,768$ | $\$ 33,810$ | $\$ 9,794$ | $\$ 5,164$ | $\$ 1,523$ | $\$ 6,687$ |
| 25 yr | $\$ 50,231$ | $\$ 33,810$ | $\$ 10,088$ | $\$ 6,333$ | $\$ 1,008$ | $\$ 7,341$ |

(\$)
Investment Property Internal Rate of Return


## Projected equity and returns over 25 years

Year $\begin{aligned} & \text { After-tax } \\ & \text { cash flow }\end{aligned}$
Property Retained
\$-26,886
$1 \mathrm{yr} \quad \$-4,515$
$2 \mathrm{yr} \quad \$-3,688$
$3 y r \quad \$-3,527$
$4 y r \quad \$-3,224$
$5 \mathrm{yr} \quad \$-2,828$
$6 y r \quad \$-2,631$
$7 \mathrm{yr} \quad \$-2,266$
$8 \mathrm{yr} \quad \$-1,869$
$\begin{aligned} 9 \mathrm{yr} & \$-1,445 \\ 10 \mathrm{yr} & \$-1,001\end{aligned}$
11 yr
12 yr
$13 \mathrm{yr} \quad \$ 440$
$14 \mathrm{yr} \quad \$ 953$
15 yr
$16 y$
17yr
18 yr
19 yr
20 yr
21 yr
22 yr
23yr
24 y
25 yr

Equity
$\$ 0$
$\$ 41,400$
\$85,284
\$131,801
\$181,109
\$233,376
\$288,778
\$347,505
\$409,755 Rate of
return $31.4 \%$
$31.4 \%$
$59.5 \%$
56.0\%
50.0\%
44.9\%
40.6\%
$37.2 \%$
34.3\%
$32.0 \%$
$30.0 \%$
$30.0 \%$
$28.3 \%$
26.8\%
25.5\%
24.4\%
23.4\%
22.5\%
$21.7 \%$
$21.0 \%$
20.3\%
19.7\%
$19.2 \%$
$18.7 \%$
18.2\%
17.8\%
17.4\%

Property Sold
Capital Gains

| Selling <br> costs | Capital Gains <br> Tax | Equity <br> (if sold) | Rate of <br> return |
| :---: | :---: | :---: | :---: |
| $\$ 20,474$ | $\$ 1,430$ | $\$ 19,496$ | $-38.1 \%$ |
| $\$ 21,659$ | $\$ 11,777$ | $\$ 51,848$ | $23.1 \%$ |
| $\$ 22,915$ | $\$ 22,988$ | $\$ 85,899$ | $34.1 \%$ |
| $\$ 24,246$ | $\$ 34,612$ | $\$ 122,251$ | $35.1 \%$ |
| $\$ 25,657$ | $\$ 47,102$ | $\$ 160,617$ | $33.7 \%$ |
| $\$ 27,153$ | $\$ 61,763$ | $\$ 199,862$ | $31.6 \%$ |
| $\$ 28,739$ | $\$ 77,035$ | $\$ 241,731$ | $29.7 \%$ |
| $\$ 30,419$ | $\$ 94,964$ | $\$ 284,372$ | $27.9 \%$ |
| $\$ 32,201$ | $\$ 113,972$ | $\$ 329,567$ | $26.3 \%$ |
| $\$ 34,089$ | $\$ 133,938$ | $\$ 377,657$ | $24.9 \%$ |
| $\$ 36,091$ | $\$ 154,923$ | $\$ 428,812$ | $23.8 \%$ |
| $\$ 38,213$ | $\$ 176,990$ | $\$ 483,212$ | $22.7 \%$ |
| $\$ 40,462$ | $\$ 200,205$ | $\$ 541,053$ | $21.8 \%$ |
| $\$ 42,847$ | $\$ 224,638$ | $\$ 602,539$ | $21.0 \%$ |
| $\$ 45,374$ | $\$ 250,361$ | $\$ 667,891$ | $20.3 \%$ |
| $\$ 48,053$ | $\$ 277,145$ | $\$ 737,645$ | $19.6 \%$ |
| $\$ 50,892$ | $\$ 304,750$ | $\$ 812,371$ | $19.0 \%$ |
| $\$ 53,902$ | $\$ 333,872$ | $\$ 891,720$ | $18.5 \%$ |
| $\$ 57,093$ | $\$ 364,601$ | $\$ 975,970$ | $18.0 \%$ |
| $\$ 60,475$ | $\$ 397,033$ | $\$ 1.065 \mathrm{~m}$ | $17.6 \%$ |
| $\$ 64,060$ | $\$ 431,271$ | $\$ 1.160 \mathrm{~m}$ | $17.2 \%$ |
| $\$ 67,860$ | $\$ 467,421$ | $\$ 1.261 \mathrm{~m}$ | $16.8 \%$ |
| $\$ 71,888$ | $\$ 505,600$ | $\$ 1.368 \mathrm{~m}$ | $16.4 \%$ |
| $\$ 76,158$ | $\$ 545,927$ | $\$ 1.482 \mathrm{~m}$ | $16.1 \%$ |
| $\$ 80,684$ | $\$ 588,532$ | $\$ 1.602 \mathrm{~m}$ | $15.8 \%$ |
|  |  |  |  |

Rate of return
(\$)
Capital Growth \& Net Yield


Capital growth and rental yields over 25 years

| Year | Property <br> value | Growth <br> rate | Rental <br> income | Rental <br> expenses | Net <br> Rent | Gross <br> yield | Net <br> yield |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 yr | $\$ 690,000$ | $\$ 731,400$ | $6.00 \%$ | $\$ 24,710$ | $\$ 4,963$ | $\$ 19,748$ | $3.58 \%$ |
| 2 yr | $\$ 775,284$ | $6.00 \%$ | $\$ 25,452$ | $\$ 5,112$ | $\$ 20,340$ | $3.48 \%$ | $2.86 \%$ |
| 3 yr | $\$ 821,801$ | $6.00 \%$ | $\$ 26,215$ | $\$ 5,265$ | $\$ 20,950$ | $3.38 \%$ | $2.78 \%$ |
| 4 yr | $\$ 871,109$ | $6.00 \%$ | $\$ 27,002$ | $\$ 5,423$ | $\$ 21,579$ | $3.29 \%$ | $2.63 \%$ |
| 5 yr | $\$ 923,376$ | $6.00 \%$ | $\$ 27,812$ | $\$ 5,585$ | $\$ 22,226$ | $3.19 \%$ | $2.55 \%$ |
| 6 yr | $\$ 978,778$ | $6.00 \%$ | $\$ 28,646$ | $\$ 5,753$ | $\$ 22,893$ | $3.10 \%$ | $2.48 \%$ |
| 7 yr | $\$ 1.038 \mathrm{~m}$ | $6.00 \%$ | $\$ 29,506$ | $\$ 5,926$ | $\$ 23,580$ | $3.01 \%$ | $2.41 \%$ |
| 8 yr | $\$ 1.100 \mathrm{~m}$ | $6.00 \%$ | $\$ 30,391$ | $\$ 6,103$ | $\$ 24,287$ | $2.93 \%$ | $2.34 \%$ |
| 9 yr | $\$ 1.166 \mathrm{~m}$ | $6.00 \%$ | $\$ 31,302$ | $\$ 6,287$ | $\$ 25,016$ | $2.85 \%$ | $2.27 \%$ |
| 10 yr | $\$ 1.236 \mathrm{~m}$ | $6.00 \%$ | $\$ 32,241$ | $\$ 6,475$ | $\$ 25,766$ | $2.77 \%$ | $2.21 \%$ |
| 11 yr | $\$ 1.310 \mathrm{~m}$ | $6.00 \%$ | $\$ 33,209$ | $\$ 6,669$ | $\$ 26,539$ | $2.69 \%$ | $2.15 \%$ |
| 12 yr | $\$ 1.388 \mathrm{~m}$ | $6.00 \%$ | $\$ 34,205$ | $\$ 6,869$ | $\$ 27,336$ | $2.61 \%$ | $2.09 \%$ |
| 13 yr | $\$ 1.472 \mathrm{~m}$ | $6.00 \%$ | $\$ 35,231$ | $\$ 7,076$ | $\$ 28,156$ | $2.54 \%$ | $2.03 \%$ |
| 14 yr | $\$ 1.560 \mathrm{~m}$ | $6.00 \%$ | $\$ 36,288$ | $\$ 7,288$ | $\$ 29,000$ | $2.47 \%$ | $1.97 \%$ |
| 15 yr | $\$ 1.654 \mathrm{~m}$ | $6.00 \%$ | $\$ 37,377$ | $\$ 7,506$ | $\$ 29,870$ | $2.40 \%$ | $1.91 \%$ |
| 16 yr | $\$ 1.753 \mathrm{~m}$ | $6.00 \%$ | $\$ 38,498$ | $\$ 7,732$ | $\$ 30,766$ | $2.33 \%$ | $1.86 \%$ |
| 17 yr | $\$ 1.858 \mathrm{~m}$ | $6.00 \%$ | $\$ 39,653$ | $\$ 7,964$ | $\$ 31,689$ | $2.26 \%$ | $1.81 \%$ |
| 18 yr | $\$ 1.969 \mathrm{~m}$ | $6.00 \%$ | $\$ 40,843$ | $\$ 8,202$ | $\$ 32,640$ | $2.20 \%$ | $1.76 \%$ |
| 19 yr | $\$ 2.088 \mathrm{~m}$ | $6.00 \%$ | $\$ 42,068$ | $\$ 8,449$ | $\$ 33,619$ | $2.14 \%$ | $1.71 \%$ |
| 20 yr | $\$ 2.213 \mathrm{~m}$ | $6.00 \%$ | $\$ 43,330$ | $\$ 8,702$ | $\$ 34,628$ | $2.08 \%$ | $1.66 \%$ |
| 21 yr | $\$ 2.346 \mathrm{~m}$ | $6.00 \%$ | $\$ 44,630$ | $\$ 8,963$ | $\$ 35,667$ | $2.02 \%$ | $1.61 \%$ |
| 22 yr | $\$ 2.486 \mathrm{~m}$ | $6.00 \%$ | $\$ 45,969$ | $\$ 9,232$ | $\$ 36,737$ | $1.96 \%$ | $1.57 \%$ |
| 23 yr | $\$ 2.636 \mathrm{~m}$ | $6.00 \%$ | $\$ 47,348$ | $\$ 9,509$ | $\$ 37,839$ | $1.90 \%$ | $1.52 \%$ |
| 24 yr | $\$ 2.794 \mathrm{~m}$ | $6.00 \%$ | $\$ 48,768$ | $\$ 9,794$ | $\$ 38,974$ | $1.85 \%$ | $1.48 \%$ |
| 25 yr | $\$ 2.961 \mathrm{~m}$ | $6.00 \%$ | $\$ 50,231$ | $\$ 10,088$ | $\$ 40,143$ | $1.80 \%$ | $1.44 \%$ |



Projected returns from equivalent investments in cash and property over 25 years

|  | Investment in Cash |  |  | Investment in Property |  |  |  |
| ---: | :---: | :---: | :---: | :---: | ---: | ---: | ---: |
| Year | After-tax <br> cash flow <br> Cash <br> invested | Total Cash <br> + interest | Property <br> income | Income <br> +interest | Property <br> equity | Equity <br> +income |  |
|  | $\$-26,886$ | $\$ 26,886$ | $\$ 26,886$ |  |  | $\$ 0$ | $\$ 0$ |
| 1 yr | $\$-4,515$ | $\$ 4,515$ | $\$ 32,468$ | $\$ 0$ | $\$ 0$ | $\$ 41,400$ | $\$ 41,400$ |
| 2 yr | $\$-3,688$ | $\$ 3,688$ | $\$ 37,411$ | $\$ 0$ | $\$ 0$ | $\$ 85,284$ | $\$ 85,284$ |
| 3 yr | $\$-3,527$ | $\$ 3,527$ | $\$ 42,372$ | $\$ 0$ | $\$ 0$ | $\$ 131,801$ | $\$ 131,801$ |
| 4 yr | $\$-3,224$ | $\$ 3,224$ | $\$ 47,206$ | $\$ 0$ | $\$ 0$ | $\$ 181,109$ | $\$ 181,109$ |
| 5 yr | $\$-2,828$ | $\$ 2,828$ | $\$ 51,813$ | $\$ 0$ | $\$ 0$ | $\$ 233,376$ | $\$ 233,376$ |
| 6 yr | $\$-2,631$ | $\$ 2,631$ | $\$ 56,388$ | $\$ 0$ | $\$ 0$ | $\$ 288,778$ | $\$ 288,778$ |
| 7 yr | $\$-2,266$ | $\$ 2,266$ | $\$ 60,760$ | $\$ 0$ | $\$ 0$ | $\$ 347,505$ | $\$ 347,505$ |
| 8 yr | $\$-1,869$ | $\$ 1,869$ | $\$ 64,886$ | $\$ 0$ | $\$ 0$ | $\$ 409,755$ | $\$ 409,755$ |
| 9 yr | $\$-1,445$ | $\$ 1,445$ | $\$ 68,733$ | $\$ 0$ | $\$ 0$ | $\$ 475,740$ | $\$ 475,740$ |
| 10 yr | $\$-1,001$ | $\$ 1,001$ | $\$ 72,267$ | $\$ 0$ | $\$ 0$ | $\$ 545,685$ | $\$ 545,685$ |
| 11 yr | $\$-538$ | $\$ 538$ | $\$ 75,460$ | $\$ 0$ | $\$ 0$ | $\$ 619,826$ | $\$ 619,826$ |
| 12 yr | $\$-57$ | $\$ 57$ | $\$ 78,280$ | $\$ 0$ | $\$ 0$ | $\$ 698,416$ | $\$ 698,416$ |
| 13 yr | $\$ 440$ | $\$ 0$ | $\$ 81,145$ | $\$ 440$ | $\$ 448$ | $\$ 781,720$ | $\$ 782,168$ |
| 14 yr | $\$ 953$ | $\$ 0$ | $\$ 84,115$ | $\$ 953$ | $\$ 1,435$ | $\$ 870,024$ | $\$ 871,458$ |
| 15 yr | $\$ 1,633$ | $\$ 0$ | $\$ 87,194$ | $\$ 1,633$ | $\$ 3,150$ | $\$ 963,625$ | $\$ 966,776$ |
| 16 yr | $\$ 2,092$ | $\$ 0$ | $\$ 90,385$ | $\$ 2,092$ | $\$ 5,396$ | $\$ 1.063 \mathrm{~m}$ | $\$ 1.068 \mathrm{~m}$ |
| 17 yr | $\$ 2,608$ | $\$ 0$ | $\$ 93,693$ | $\$ 2,608$ | $\$ 8,250$ | $\$ 1.168 \mathrm{~m}$ | $\$ 1.176 \mathrm{~m}$ |
| 18 yr | $\$ 3,140$ | $\$ 0$ | $\$ 97,122$ | $\$ 3,140$ | $\$ 11,750$ | $\$ 1.279 \mathrm{~m}$ | $\$ 1.291 \mathrm{~m}$ |
| 19 yr | $\$ 3,688$ | $\$ 0$ | $\$ 100,677$ | $\$ 3,688$ | $\$ 15,935$ | $\$ 1.398 \mathrm{~m}$ | $\$ 1.414 \mathrm{~m}$ |
| 20 yr | $\$ 4,254$ | $\$ 0$ | $\$ 104,362$ | $\$ 4,254$ | $\$ 20,850$ | $\$ 1.523 \mathrm{~m}$ | $\$ 1.544 \mathrm{~m}$ |
| 21 yr | $\$ 4,835$ | $\$ 0$ | $\$ 108,182$ | $\$ 4,835$ | $\$ 26,537$ | $\$ 1.656 \mathrm{~m}$ | $\$ 1.682 \mathrm{~m}$ |
| 22 yr | $\$ 5,435$ | $\$ 0$ | $\$ 112,141$ | $\$ 5,435$ | $\$ 33,042$ | $\$ 1.796 \mathrm{~m}$ | $\$ 1.829 \mathrm{~m}$ |
| 23 yr | $\$ 6,051$ | $\$ 0$ | $\$ 116,245$ | $\$ 6,051$ | $\$ 40,413$ | $\$ 1.946 \mathrm{~m}$ | $\$ 1.986 \mathrm{~m}$ |
| 24 yr | $\$ 6,687$ | $\$ 0$ | $\$ 120,500$ | $\$ 6,687$ | $\$ 48,701$ | $\$ 2.104 \mathrm{~m}$ | $\$ 2.152 \mathrm{~m}$ |
| 25 yr | $\$ 7,341$ | $\$ 0$ | $\$ 124,910$ | $\$ 7,341$ | $\$ 57,959$ | $\$ 2.271 \mathrm{~m}$ | $\$ 2.329 \mathrm{~m}$ |

Note: The above comparison assumes that investments made in the property (i.e. the negative after-tax cash flows) are invested as cash at the interest rate shown and the interest that accrues is taxed at the investor's marginal rate of tax. Similarly, any income from the property (i.e. the positive after-tax cash flows) is invested at the same interest rate and the interest earned is also taxed at the marginal rate.


## Projected returns from equivalent investments in cash and property (if sold) over 25 years

|  | Investment in Cash |  |  | Investment in Property |  |  |  |
| ---: | :---: | :---: | :---: | :---: | ---: | ---: | ---: |
| Year | After-tax <br> cash flow | Cash <br> invested | Total Cash <br> + interest | Property <br> income | Income <br> +interest | After-sale <br> equity | Equity <br> +income |
|  | $\$-26,886$ | $\$ 26,886$ | $\$ 26,886$ |  |  | $\$ 0$ | $\$ 0$ |
| 1 yr | $\$-4,515$ | $\$ 4,515$ | $\$ 32,468$ | $\$ 0$ | $\$ 0$ | $\$ 19,496$ | $\$ 19,496$ |
| 2 yr | $\$-3,688$ | $\$ 3,688$ | $\$ 37,411$ | $\$ 0$ | $\$ 0$ | $\$ 51,848$ | $\$ 51,848$ |
| 3 yr | $\$-3,527$ | $\$ 3,527$ | $\$ 42,372$ | $\$ 0$ | $\$ 0$ | $\$ 85,899$ | $\$ 85,899$ |
| 4 yr | $\$-3,224$ | $\$ 3,224$ | $\$ 47,206$ | $\$ 0$ | $\$ 0$ | $\$ 122,251$ | $\$ 122,251$ |
| 5 yr | $\$-2,828$ | $\$ 2,828$ | $\$ 51,813$ | $\$ 0$ | $\$ 0$ | $\$ 160,617$ | $\$ 160,617$ |
| 6 yr | $\$-2,631$ | $\$ 2,631$ | $\$ 56,388$ | $\$ 0$ | $\$ 0$ | $\$ 199,862$ | $\$ 199,862$ |
| 7 yr | $\$-2,266$ | $\$ 2,266$ | $\$ 60,760$ | $\$ 0$ | $\$ 0$ | $\$ 241,731$ | $\$ 241,731$ |
| 8 yr | $\$-1,869$ | $\$ 1,869$ | $\$ 64,886$ | $\$ 0$ | $\$ 0$ | $\$ 284,372$ | $\$ 284,372$ |
| 9 yr | $\$-1,445$ | $\$ 1,445$ | $\$ 68,733$ | $\$ 0$ | $\$ 0$ | $\$ 329,567$ | $\$ 329,567$ |
| 10 yr | $\$-1,001$ | $\$ 1,001$ | $\$ 72,267$ | $\$ 0$ | $\$ 0$ | $\$ 377,657$ | $\$ 377,657$ |
| 11 yr | $\$-538$ | $\$ 538$ | $\$ 75,460$ | $\$ 0$ | $\$ 0$ | $\$ 428,812$ | $\$ 428,812$ |
| 12 yr | $\$-57$ | $\$ 57$ | $\$ 78,280$ | $\$ 0$ | $\$ 0$ | $\$ 483,212$ | $\$ 483,212$ |
| 13 yr | $\$ 440$ | $\$ 0$ | $\$ 81,145$ | $\$ 440$ | $\$ 448$ | $\$ 541,053$ | $\$ 541,500$ |
| 14 yr | $\$ 953$ | $\$ 0$ | $\$ 84,115$ | $\$ 953$ | $\$ 1,435$ | $\$ 602,539$ | $\$ 603,974$ |
| 15 yr | $\$ 1,633$ | $\$ 0$ | $\$ 87,194$ | $\$ 1,633$ | $\$ 3,150$ | $\$ 667,891$ | $\$ 671,041$ |
| 16 yr | $\$ 2,092$ | $\$ 0$ | $\$ 90,385$ | $\$ 2,092$ | $\$ 5,396$ | $\$ 737,645$ | $\$ 743,041$ |
| 17 yr | $\$ 2,608$ | $\$ 0$ | $\$ 93,693$ | $\$ 2,608$ | $\$ 8,250$ | $\$ 812,371$ | $\$ 820,621$ |
| 18 yr | $\$ 3,140$ | $\$ 0$ | $\$ 97,122$ | $\$ 3,140$ | $\$ 11,750$ | $\$ 891,720$ | $\$ 903,470$ |
| 19 yr | $\$ 3,688$ | $\$ 0$ | $\$ 100,677$ | $\$ 3,688$ | $\$ 15,935$ | $\$ 975,970$ | $\$ 991,906$ |
| 20 yr | $\$ 4,254$ | $\$ 0$ | $\$ 104,362$ | $\$ 4,254$ | $\$ 20,850$ | $\$ 1.065 \mathrm{~m}$ | $\$ 1.086 \mathrm{~m}$ |
| 21 yr | $\$ 4,835$ | $\$ 0$ | $\$ 108,182$ | $\$ 4,835$ | $\$ 26,537$ | $\$ 1.160 \mathrm{~m}$ | $\$ 1.187 \mathrm{~m}$ |
| 22 yr | $\$ 5,435$ | $\$ 0$ | $\$ 112,141$ | $\$ 5,435$ | $\$ 33,042$ | $\$ 1.261 \mathrm{~m}$ | $\$ 1.294 \mathrm{~m}$ |
| 23 yr | $\$ 6,051$ | $\$ 0$ | $\$ 116,245$ | $\$ 6,051$ | $\$ 40,413$ | $\$ 1.368 \mathrm{~m}$ | $\$ 1.409 \mathrm{~m}$ |
| 24 yr | $\$ 6,687$ | $\$ 0$ | $\$ 120,500$ | $\$ 6,687$ | $\$ 48,701$ | $\$ 1.482 \mathrm{~m}$ | $\$ 1.530 \mathrm{~m}$ |
| 25 yr | $\$ 7,341$ | $\$ 0$ | $\$ 124,910$ | $\$ 7,341$ | $\$ 57,959$ | $\$ 1.602 \mathrm{~m}$ | $\$ 1.660 \mathrm{~m}$ |
|  |  |  |  |  |  |  |  |

Note: The above comparison assumes that investments made in the property (i.e. the negative after-tax cash flows prior to sale) are invested as cash at the interest rate shown and the interest that accrues is taxed at the investor's marginal rate of tax. Similarly, any income from the property (i.e. the positive after-tax cash flows) is invested at the same interest rate and the interest earned is also taxed at the marginal rate.


Projected total investment and equity over 25 years

| Year | After-tax <br> cash flow <br> $\$-26,886$ | Cumulative <br> investment <br> $\$ 26,886$ | Property <br> value | Amount <br> owing | Equity <br> 1 yr |
| ---: | ---: | ---: | ---: | ---: | ---: |
| $\$-4,515$ | $\$ 31,401$ | $\$ 731,400$ | $\$ 690,000$ | $\$ 0$ |  |
| 2 yr | $\$-3,688$ | $\$ 35,089$ | $\$ 775,284$ | $\$ 690,000$ | $\$ 41,400$ |
| 3 yr | $\$-3,527$ | $\$ 38,616$ | $\$ 821,801$ | $\$ 690,000$ | $\$ 85,284$ |
| 4 yr | $\$-3,224$ | $\$ 41,840$ | $\$ 871,109$ | $\$ 690,000$ | $\$ 181,109$ |
| 5 yr | $\$-2,828$ | $\$ 44,667$ | $\$ 923,376$ | $\$ 690,000$ | $\$ 233,376$ |
| 6 yr | $\$-2,631$ | $\$ 47,298$ | $\$ 978,778$ | $\$ 690,000$ | $\$ 288,778$ |
| 7 yr | $\$-2,266$ | $\$ 49,564$ | $\$ 1.038 \mathrm{~m}$ | $\$ 690,000$ | $\$ 347,505$ |
| 8 yr | $\$-1,869$ | $\$ 51,433$ | $\$ 1.100 \mathrm{~m}$ | $\$ 690,000$ | $\$ 409,755$ |
| 9 yr | $\$-1,445$ | $\$ 52,878$ | $\$ 1.166 \mathrm{~m}$ | $\$ 690,000$ | $\$ 475,740$ |
| 10 yr | $\$-1,001$ | $\$ 53,879$ | $\$ 1.236 \mathrm{~m}$ | $\$ 690,000$ | $\$ 545,685$ |
| 11 yr | $\$-538$ | $\$ 54,417$ | $\$ 1.310 \mathrm{~m}$ | $\$ 690,000$ | $\$ 619,826$ |
| 12 yr | $\$-57$ | $\$ 54,474$ | $\$ 1.388 \mathrm{~m}$ | $\$ 690,000$ | $\$ 698,416$ |
| 13 yr | $\$ 440$ | $\$ 54,034$ | $\$ 1.472 \mathrm{~m}$ | $\$ 690,000$ | $\$ 781,720$ |
| 14 yr | $\$ 953$ | $\$ 53,081$ | $\$ 1.560 \mathrm{~m}$ | $\$ 690,000$ | $\$ 870,024$ |
| 15 yr | $\$ 1,633$ | $\$ 51,448$ | $\$ 1.654 \mathrm{~m}$ | $\$ 690,000$ | $\$ 963,625$ |
| 16 yr | $\$ 2,092$ | $\$ 49,355$ | $\$ 1.753 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.063 \mathrm{~m}$ |
| 17 yr | $\$ 2,608$ | $\$ 46,747$ | $\$ 1.858 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.168 \mathrm{~m}$ |
| 18 yr | $\$ 3,140$ | $\$ 43,607$ | $\$ 1.969 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.279 \mathrm{~m}$ |
| 19 yr | $\$ 3,688$ | $\$ 39,919$ | $\$ 2.088 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.398 \mathrm{~m}$ |
| 20 yr | $\$ 4,254$ | $\$ 35,665$ | $\$ 2.213 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.523 \mathrm{~m}$ |
| 21 yr | $\$ 4,835$ | $\$ 30,830$ | $\$ 2.346 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.656 \mathrm{~m}$ |
| 22 yr | $\$ 5,435$ | $\$ 25,396$ | $\$ 2.486 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.796 \mathrm{~m}$ |
| 23 yr | $\$ 6,051$ | $\$ 19,345$ | $\$ 2.636 \mathrm{~m}$ | $\$ 690,000$ | $\$ 1.946 \mathrm{~m}$ |
| 24 yr | $\$ 6,687$ | $\$ 12,658$ | $\$ 2.794 \mathrm{~m}$ | $\$ 690,000$ | $\$ 2.104 \mathrm{~m}$ |
| 25 yr | $\$ 7,341$ | $\$ 5,317$ | $\$ 2.961 \mathrm{~m}$ | $\$ 690,000$ | $\$ 2.271 \mathrm{~m}$ |



## Comparison of projected weekly investment cash flows and growth rates (5 years)

In simple terms, this report compares what you put in to the investment with what you might expect to get out. The net after-tax cash flow represents your cash contribution to the investment while the growth in equity represents your increase in net wealth as a result of that investment. For ease of understanding, these figures are presented as weekly averages over the projected period specified ( 5 years), but will therefore be dependent on the assumptions made in relation to capital growth, inflation and interest rates over that period..

The net after-tax cash flow is the difference between the cash you receive (or save) as a result of the investment (rental income and tax credits) and the cash you pay out (any lump sum cash outlay, principal loan payments, loan interest payments and rental expenses). If any of these items are internalised in the investment loan, they will not appear in the cash flow but will instead impact on the amount owing in the loan.

The growth in equity over the projected period will reflect the changes in property value and the loan over the same time frame. In the simple case of an interest-only loan, the loan amount will stay constant and the growth in equity will be the same as the growth in property value.

In the current example, the average net after-tax cash flow is $\$-172$ per week while the average equity growth is $\$ 898$ per week.

## INVESTMENT CASH FLOW

## Cash In

Rental income
Tax credits
Total

Cash Out
Cash outlays 26,886
Principal payments 0
Interest payments $\quad 169,050$
Rental expenses
26,347

Total (5 years)
131,191
46,425
177,616

Average
(per week)
683

## INVESTMENT GROWTH

|  | Initial | $\mathbf{5}$ yrs | Change | Average <br> (per week) |
| :--- | ---: | ---: | ---: | ---: |
| Property value | 690,000 | 923,376 | 233,376 | $\mathbf{8 9 8}$ |
| Loan amount | 690,000 | 690,000 | 0 | $\mathbf{0}$ |
| Equity | $\mathbf{0}$ | $\mathbf{2 3 3 , 3 7 6}$ | $\mathbf{2 3 3 , 3 7 6}$ | $\mathbf{8 9 8}$ |



Projected tax liabilities over 25 years

| Year | Taxable income <br> joint names | Current tax <br> liability | Cumulative <br> current tax | New tax <br> liability | Cumulative <br> new tax | Cumulative <br> savings |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 yr | $\$ 200,000$ | $\$ 53,894$ | $\$ 53,894$ | $\$ 44,347$ | $\$ 44,347$ | $\$ 9,547$ |
| 2 yr | $\$ 206,000$ | $\$ 56,234$ | $\$ 110,128$ | $\$ 46,452$ | $\$ 90,800$ | $\$ 19,328$ |
| 3 yr | $\$ 212,180$ | $\$ 58,644$ | $\$ 168,772$ | $\$ 49,311$ | $\$ 140,111$ | $\$ 28,661$ |
| 4 yr | $\$ 218,545$ | $\$ 61,127$ | $\$ 229,899$ | $\$ 52,120$ | $\$ 192,231$ | $\$ 37,668$ |
| 5 yr | $\$ 225,102$ | $\$ 63,684$ | $\$ 293,583$ | $\$ 54,928$ | $\$ 247,160$ | $\$ 46,423$ |
| 6 yr | $\$ 231,855$ | $\$ 66,317$ | $\$ 359,900$ | $\$ 58,031$ | $\$ 305,191$ | $\$ 54,709$ |
| 7 yr | $\$ 238,810$ | $\$ 69,030$ | $\$ 428,930$ | $\$ 61,066$ | $\$ 366,257$ | $\$ 62,673$ |
| 8 yr | $\$ 245,975$ | $\$ 71,824$ | $\$ 500,754$ | $\$ 64,170$ | $\$ 430,427$ | $\$ 70,328$ |
| 9 yr | $\$ 253,354$ | $\$ 74,702$ | $\$ 575,456$ | $\$ 67,353$ | $\$ 497,780$ | $\$ 77,676$ |
| 10 yr | $\$ 260,955$ | $\$ 77,666$ | $\$ 653,123$ | $\$ 70,623$ | $\$ 568,403$ | $\$ 84,719$ |
| 11 yr | $\$ 268,783$ | $\$ 80,719$ | $\$ 733,842$ | $\$ 73,986$ | $\$ 642,390$ | $\$ 91,453$ |
| 12 yr | $\$ 276,847$ | $\$ 83,864$ | $\$ 817,706$ | $\$ 77,447$ | $\$ 719,836$ | $\$ 97,870$ |
| 13 yr | $\$ 285,152$ | $\$ 87,103$ | $\$ 904,810$ | $\$ 81,009$ | $\$ 800,845$ | $\$ 103,964$ |
| 14 yr | $\$ 293,707$ | $\$ 90,440$ | $\$ 995,249$ | $\$ 84,677$ | $\$ 885,522$ | $\$ 109,727$ |
| 15 yr | $\$ 302,518$ | $\$ 94,027$ | $\$ 1.089 \mathrm{~m}$ | $\$ 88,454$ | $\$ 973,976$ | $\$ 115,301$ |
| 16 yr | $\$ 311,593$ | $\$ 98,111$ | $\$ 1.187 \mathrm{~m}$ | $\$ 92,975$ | $\$ 1.067 \mathrm{~m}$ | $\$ 120,436$ |
| 17 yr | $\$ 320,941$ | $\$ 102,318$ | $\$ 1.290 \mathrm{~m}$ | $\$ 97,589$ | $\$ 1.165 \mathrm{~m}$ | $\$ 125,165$ |
| 18 yr | $\$ 330,570$ | $\$ 106,650$ | $\$ 1.396 \mathrm{~m}$ | $\$ 102,340$ | $\$ 1.267 \mathrm{~m}$ | $\$ 129,476$ |
| 19 yr | $\$ 340,487$ | $\$ 111,113$ | $\$ 1.507 \mathrm{~m}$ | $\$ 107,234$ | $\$ 1.374 \mathrm{~m}$ | $\$ 133,355$ |
| 20 yr | $\$ 350,701$ | $\$ 115,710$ | $\$ 1.623 \mathrm{~m}$ | $\$ 112,274$ | $\$ 1.486 \mathrm{~m}$ | $\$ 136,790$ |
| 21 yr | $\$ 361,222$ | $\$ 120,444$ | $\$ 1.744 \mathrm{~m}$ | $\$ 117,466$ | $\$ 1.604 \mathrm{~m}$ | $\$ 139,769$ |
| 22 yr | $\$ 372,059$ | $\$ 125,321$ | $\$ 1.869 \mathrm{~m}$ | $\$ 122,813$ | $\$ 1.727 \mathrm{~m}$ | $\$ 142,276$ |
| 23 yr | $\$ 383,221$ | $\$ 130,343$ | $\$ 1.999 \mathrm{~m}$ | $\$ 128,321$ | $\$ 1.855 \mathrm{~m}$ | $\$ 144,298$ |
| 24 yr | $\$ 394,717$ | $\$ 135,517$ | $\$ 2.135 \mathrm{~m}$ | $\$ 133,994$ | $\$ 1.989 \mathrm{~m}$ | $\$ 145,821$ |
| 25 yr | $\$ 406,559$ | $\$ 140,845$ | $\$ 2.276 \mathrm{~m}$ | $\$ 139,837$ | $\$ 2.129 \mathrm{~m}$ | $\$ 146,830$ |

