# Financial Illustration 

## Prepared for:

## Mrs ABC

Prepared by:

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## Cashflow Model

This plan has been prepared using your current financial position as a starting point which is then projected forward into the future using the planned income, expenditure, savings and investments. A number of different outcomes can be considered as part of the cashflow planning process representing different assumptions, expectations or choices you make in your planning.

Cashflow modelling is designed to illustrate the financial outcome(s) resulting from a specific set of choices and demonstrate if you have insufficient wealth to meet all of your objectives or that you have surplus wealth which continues to increase throughout your life. This information will help you make informed decisions about your future including reducing or increasing expenditure, changing your investment strategy or protecting your estate.

## Life Events Modelled: Live to Age 90

You have inherited your late husband's personal pension fund value of $£ 210,000$ which is nearly all crystallised. A further $£ 10 k$ of tax free cash is available which will now also be crystalllised. You have recently retired from work with only minor pensions in payment coming in as income. You would like to know therefore if this fund is large enough to drawdown sufficient income to match your required expenditure of $£ 1400$ p.m.

Events modelled in this illustration:

- Reflect everything planned where no unforeseen events occur


## Basic Information

| Illustration | 60 to 90 |
| :--- | :--- |
| Retirement Age | 60 |
| State Pension Age | 66 |
| Inflation Rate | 1.5\% per annum |
| Initial Cash | $£ 3000$ |
| Interest Rate | $0.5 \%$ per annum |

General assumptions:

- The validity of any projection or plan is only as good as the input assumptions and values used to create it
- Figures shown may fluctuate in reality and could have a significant positive or negative effect on your finances
- Regularly reviewing the cashflow reports and the assumptions used will increase the accuracy of the forecasted outcomes


## Income

|  | From | To | Amount | Frequency | Adjust |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Annuity (Level) | 60 | 90 | $£ 120$ | Monthly | No |
| Superannuation | 60 | 90 | $£ 40$ | Monthly | $2.5 \%$ pa |
| State Pension | 66 | 90 | $£ 115$ | Weekly | $2.5 \%$ pa |

Assumptions about income:

- Your current income sources and amounts will fluctuate in reality and cannot be guaranteed


## Spending

|  | From | To | Amount | Frequency | Adjust |
| :--- | :--- | :--- | :--- | :--- | :--- |
| All Spending | 60 | 90 | $£ 1400$ | Monthly | By Inflation |

Assumptions about spending:

- The spending figures shown are based on your current spending habits today and cannot predict what you will actually spend at retirement


## Investments

| NISA |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Initial Value f1 | £15600 |  |  |  |
| Capital Gain 6\% | 6\% pa |  |  |  |
| Income 0\% | 0\% pa Re-invested |  |  |  |
| Drawdown Pension |  |  |  |  |
| Initial Value £2 | £210000 |  |  |  |
| Capital Gain 5\% | 5\% pa |  |  |  |
| Income 0\% | 0\% pa Re-invested |  |  |  |
|  | From | To | Activity |  |
| TFC Withdrawal | At | 60 | Withdraw $£ 10000$ Single |  |
| FAD Income | 60 | 60 | Withdraw $£ 407$ Monthly | Amount adjusted by inflation |
|  | Then |  | £1240 Monthly |  |
|  | Then | 90 | £750 Monthly |  |

Assumptions about investments:

- The return on investments is based on a reasonable expected overall return for the underlying asset classes of each investment

Cash - A summary of your opening and closing cash balances for each year is shown below.

| Age | Opening | Incomes | Spending | Investments | Closing |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 60 | 3000 | +1920 | -16800 | +14899 | =3019 |
| 61 | 3019 | +1903 | -16800 | +14895 | =3017 |
| 62 | 3017 | +1887 | -16800 | +14895 | =2999 |
| 63 | 2999 | +1871 | -16800 | +14895 | $=2965$ |
| 64 | 2965 | +1855 | -16800 | +14895 | $=2915$ |
| 65 | 2915 | +1840 | -16800 | +14895 | $=2849$ |
| 66 | 2849 | +7805 | -16800 | +9014 | =2868 |
| 67 | 2868 | +7850 | -16800 | +9014 | $=2932$ |
| 68 | 2932 | +7896 | -16800 | +9015 | =3043 |
| 69 | 3043 | +7943 | -16800 | +9015 | =3201 |
| 70 | 3201 | +7991 | -16800 | +9016 | $=3408$ |
| 71 | 3408 | +8040 | -16800 | +9017 | =3665 |
| 72 | 3665 | +8090 | -16800 | +9018 | =3973 |
| 73 | 3973 | +8141 | -16800 | +9020 | =4334 |
| 74 | 4334 | +8193 | -16800 | +9022 | $=4748$ |
| 75 | 4748 | +8245 | -16800 | +9024 | $=5217$ |
| 76 | 5217 | +8299 | -16800 | +9026 | =5743 |
| 77 | 5743 | +8354 | -16800 | +9029 | =6325 |
| 78 | 6325 | +8410 | -16800 | +9032 | =6966 |
| 79 | 6966 | +8466 | -16800 | +9035 | $=7668$ |
| 80 | 7668 | +8524 | -16800 | +9038 | =8430 |


| 81 | 8430 | +8583 | -16800 | +9042 | $=9254$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 82 | 9254 | +8642 | -16800 | +9046 | $=10143$ |
| 83 | 10143 | +8703 | -16800 | +9051 | $=11096$ |
| 84 | 11096 | +8764 | -16800 | +9055 | $=12116$ |
| 85 | 12116 | +8827 | -16800 | +9061 | $=13204$ |
| 86 | 13204 | +8891 | -16800 | +9066 | $=14360$ |
| 87 | 14360 | +8955 | -16800 | +9072 | $=15587$ |
| 88 | 15587 | +9021 | -16800 | +9078 | $=16886$ |
| 89 | 16886 | +9087 | -16800 | +9084 | $=18258$ |
| 90 | 18258 | +9155 | -16800 | +9091 | $=19704$ |

$\square$
Wealth - A summary of your total wealth is split between cash and investment values.

| Age | Cash | Investments | Total |
| :--- | :--- | :--- | :--- |
| $\mathbf{6 0}$ | 3000 | 225600 | 228600 |
| $\mathbf{6 1}$ | 3019 | 218247 | 221266 |
| $\mathbf{6 2}$ | 3017 | 210648 | 213665 |
| $\mathbf{6 3}$ | 2999 | 202790 | 205789 |
| $\mathbf{6 4}$ | 2965 | 194665 | 197630 |
| $\mathbf{6 5}$ | 2915 | 186264 | 189179 |
| $\mathbf{6 6}$ | 2849 | 177576 | 180425 |
| $\mathbf{6 7}$ | 2868 | 174680 | 177548 |
| $\mathbf{6 8}$ | 2932 | 171691 | 174623 |
| $\mathbf{6 9}$ | 3043 | 168607 | 171650 |
| $\mathbf{7 0}$ | 3201 | 165425 | 168626 |
| $\mathbf{7 1}$ | 3408 | 162142 | 165550 |
| $\mathbf{7 2}$ | 3665 | 158755 | 162420 |
| $\mathbf{7 3}$ | 3973 | 155261 | 159234 |
| $\mathbf{7 4}$ | 4334 | 151657 | 155991 |
| $\mathbf{7 5}$ | 4748 | 147939 | 152687 |
| $\mathbf{7 6}$ | 5217 | 144103 | 149320 |
| $\mathbf{7 7}$ | 5743 | 140147 | 145890 |
| $\mathbf{7 8}$ | 6325 | 136067 | 142392 |
| $\mathbf{7 9}$ | 6966 | 131859 | 138825 |


| 80 | 7668 | 127519 | 135187 |
| :--- | :--- | :--- | :--- |
| 81 | 8430 | 123044 | 131474 |
| 82 | 9254 | 118428 | 127682 |
| 83 | 10143 | 113669 | 123812 |
| 84 | 11096 | 108762 | 119858 |
| 85 | 12116 | 103702 | 115818 |
| 86 | 13204 | 98486 | 111690 |
| 87 | 14360 | 93108 | 107468 |
| 88 | 15587 | 87563 | 103150 |
| 89 | 16886 | 81848 | 98734 |
| 90 | 18258 | 75957 | 94215 |

$\square$
Incomes - A summary of your current income streams and future estimated income streams is shown below.

| Age | Annuity (Level) | Superannuation | State Pension | Total |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{6 0}$ | 1440 | 480 | 0 | 1920 |
| $\mathbf{6 1}$ | 1418 | 485 | 0 | 1903 |
| $\mathbf{6 2}$ | 1397 | 490 | 0 | 1887 |
| $\mathbf{6 3}$ | 1376 | 495 | 0 | 1871 |
| $\mathbf{6 4}$ | 1356 | 499 | 0 | 1855 |
| $\mathbf{6 5}$ | 1335 | 504 | 0 | 1840 |
| $\mathbf{6 6}$ | 1315 | 510 | 5980 | 7805 |
| $\mathbf{6 7}$ | 1295 | 515 | 6040 | 7850 |
| $\mathbf{6 8}$ | 1276 | 520 | 6100 | 7896 |
| $\mathbf{6 9}$ | 1257 | 525 | 6161 | 7943 |
| $\mathbf{7 0}$ | 1238 | 530 | 6223 | 7991 |
| $\mathbf{7 1}$ | 1219 | 536 | 6285 | 8040 |
| $\mathbf{7 2}$ | 1201 | 541 | 6348 | 8090 |
| $\mathbf{7 3}$ | 1183 | 546 | 6411 | 8141 |
| $\mathbf{7 4}$ | 1165 | 552 | 6475 | 8193 |
| $\mathbf{7 5}$ | 1148 | 557 | 6540 | 8245 |
| $\mathbf{7 6}$ | 1131 | 563 | 6606 | 8299 |
| $\mathbf{7 7}$ | 1114 | 568 | 6672 | 8354 |


| $\mathbf{7 8}$ | 1097 | 574 | 6738 | 8410 |
| :--- | :--- | :--- | :--- | :--- |
| $\mathbf{7 9}$ | 1081 | 580 | 6806 | 8466 |
| $\mathbf{8 0}$ | 1064 | 586 | 6874 | 8524 |
| $\mathbf{8 1}$ | 1048 | 592 | 6943 | 8583 |
| $\mathbf{8 2}$ | 1033 | 597 | 7012 | 8642 |
| $\mathbf{8 3}$ | 1017 | 603 | 7082 | 8703 |
| $\mathbf{8 4}$ | 1002 | 609 | 7153 | 8764 |
| $\mathbf{8 5}$ | 987 | 616 | 7224 | 8827 |
| $\mathbf{8 6}$ | 972 | 622 | 7297 | 8891 |
| $\mathbf{8 7}$ | 958 | 628 | 7370 | 8955 |
| $\mathbf{8 8}$ | 943 | 634 | 7443 | 9021 |
| $\mathbf{8 9}$ | 929 | 641 | 7518 | 9087 |
| $\mathbf{9 0}$ | 915 | 647 | 7593 | 9155 |

$\square$
Spending - A summary of your current spending and future estimated spending is shown below.

| Age | All Spending | Total |
| :--- | :--- | :--- |
| 60 | 16800 | 16800 |
|  | Values repeating until |  |
| 90 | 16800 | 16800 |

$\square$

Spending v Income - A comparison of spending versus income is shown below.
$\square$

Investments - A summary of your current investment values and the projected changes to these as a result of new contributions or withdrawals is shown below.

| Age | NISA | Drawdown Pension | Total |
| :--- | :--- | :--- | :--- |
| $\mathbf{6 0}$ | 15600 | 210000 | 225600 |
| $\mathbf{6 1}$ | 16302 | 201945 | 218247 |
| $\mathbf{6 2}$ | 17036 | 193612 | 210648 |


| 63 | 17802 | 184988 | 202790 |
| :--- | :--- | :--- | :--- |
| 64 | 18603 | 176062 | 194665 |
| 65 | 19440 | 166823 | 186264 |
| 66 | 20315 | 157261 | 177576 |
| 67 | 21229 | 153450 | 174680 |
| 68 | 22185 | 149506 | 171691 |
| 69 | 23183 | 145424 | 168607 |
| 70 | 24226 | 141199 | 165425 |
| 71 | 25317 | 136826 | 162142 |
| 72 | 26456 | 132299 | 158755 |
| 73 | 27646 | 127615 | 155261 |
| 74 | 28890 | 122766 | 151657 |
| 75 | 30190 | 117748 | 147939 |
| 76 | 31549 | 112554 | 144103 |
| 77 | 32969 | 107179 | 140147 |
| 78 | 34452 | 101615 | 136067 |
| 79 | 36003 | 95857 | 131859 |
| 80 | 37623 | 89897 | 127519 |
| 81 | 39316 | 83728 | 123044 |
| 82 | 41085 | 77343 | 118428 |
| 83 | 42934 | 70735 | 113669 |
| 84 | 44866 | 63896 | 108762 |
| 85 | 46885 | 56818 | 103702 |
| 86 | 48995 | 49491 | 98486 |
| 87 | 51199 | 41908 | 93108 |
| 88 | 53503 | 34060 | 87563 |
| 89 | 55911 | 25937 | 81848 |
| 90 | 58427 | 17530 | 75957 |

$\square$

## Conclusion

This cashflow analysis has confirmed that your late husband's pension fund can sustain your income requirements through to age 90 and beyond. Thereafter withdrawals of income may need to be taken from your NISA investment should your current spending levels remain the same.

The Tax Free Cash received at age 60 from the pension fund reduced the need for a high level of drawdown income straight away. Drawdown income was then set at a greater level between ages 61 and 65 inclusive, to plug the income gap before drawdown income reduced again at age 66 onwards on account of your state pension coming into payment.

Your cash steadily increases over time but your overall wealth steadily reduces.

Your level annuity income shows a fall in value because it is not adjusted with inflation and your superannuation payment increases in value as the scheme increases have exceeded inflation.

## Appendix

## Personal Details

Client 1 is Mrs ABC date of birth 01 / 02 / 1955.

## Today's Money

Where values are described as being in today's money that means that, whilst the nominal (actual) amounts in future years may have increased by inflation, the values shown have been discounted by inflation to show their real value in today's terms.

For example whilst loan repayments or level annuity income might be a fixed sum each year the actual value of that amount (its buying power) will be eroded by inflation and so in future years its value is smaller in today's money.

This is useful as it allows for valid comparison of values at different times. Often nominal amounts far in the future may seem to be very large because of the compounding effect of inflation, but when seen in today's money its real value can be better appreciated

