## Metlife

## Retirement in Crisis: A Reality Check

C. Robert Henrikson, President and Chief Operating Officer MetLife

## Number of Defined Contribution \& Defined Benefit Plans (1977-1999)



## Worker Participation by Plan Type 1979 vs. 1998



## The 65+ Population is Growing Rapidly



## Personal Savings - \% of Disposable Income



## People Underestimate the Time Spent in Retirement



## Income Required to Keep Pace With Inflation



## Chances of Correctly Predicting Future Lifetime



## Distribution of Age at Death Individuals vs. Group



## Variable Annuity Payments vs. Mutual Fund Withdrawals

Assumes male starts with $\$ 100,000$ and begins payments in 1972
Gross returns are equal to S\&P 500


Annual fund withdrawals are equal to annuity payments made before the reduction of a 95 basis point separate account fee. Other charges and expenses apply to a continued investment in mutual funds and annuities. If these charges and expenses and applicable taxes had been factored into the above example, the value of the payments would be reduced. Opening balance of the IRA mutual fund account is $\$ 100,000$ with returns equal to those of the S\&P 500. Annuity payments are based on an initial purchase amount of $\$ 100,000$ for a single life male age 65 and assume a $100 \%$ variable option using an AIR of $4 \%$ and investment returns equal to those of the S\&P 500. Should the annuitant die before age 84 in this hypothetical example, annuity payments would cease whereas the balance in the mutual fund would pass to the accountholder's beneficiary or estate. Certain income or lump sum options are available for designated beneficiaries of annuity contracts. Costs for these options will reduce income payments to the annuity holder. The above example is hypothetical and does not represent the income stream of any MetLife product. Actual income will fluctuate and there is no guarantee they will increase in value. Past performance is not a guarantee of future results.

## Will I Run Out of Money?

How Different Retirement Income Strategies Compare


Lifetime fixed income annuity for a male age 65 , purchased at $\$ 100,000$ with assumed $6 \%$ interest rate. Equity returns normally distributed, with $10 \%$ mean average return and $20 \%$ standard dev. Fixed income account normally distributed, with mean return $6 \%$ and standard dev. $5 \%$. Combined equity/fixed income is assumed constantly instantaneously rebalanced. Mortality table: Annuity 2000 male (no projection).
Methie

