## EDUCATION EXPENSE ANALYSIS <br> For <br> John and Mary Demo

|  |  | Jim | John Jr. | Jennifer | Jill |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |
|  |  |  | 5 | -2 | -5 |
| Grade This Fall | 6 | 4 | 4 | 4 |  |
| Years To Attend | 6 | 6,000 | 3,000 | 0 | 0 |
| Invested Amt. | $\$$ | 5.00 | 0.00 | 0.00 |  |
| Rate of Return | $\%$ | 5.00 | 5.00 | 11,000 | 10,000 |
| 1 Yr Undergrad | $\$$ | 10,000 | 10,000 | 0 | 0 |
| 1 Yr Graduate | $\$$ | 8,000 | 0 | 6.00 | 6.00 |


| Year |  | Jim |  | John Jr. |  | Jennifer |  | Jill |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2001 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 | \$ | 0 |
| 2002 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2003 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2004 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2005 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2006 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2007 |  | 7,504 |  | 0 |  | 0 |  | 0 |  | 7,504 |
| 2008 |  | 16,058 |  | 0 |  | 0 |  | 0 |  | 16,058 |
| 2009 |  | 17,182 |  | 7,969 |  | 0 |  | 0 |  | 25,151 |
| 2010 |  | 18,385 |  | 16,895 |  | 0 |  | 0 |  | 35,279 |
| 2011 |  | 17,704 |  | 17,908 |  | 0 |  | 0 |  | 35,613 |
| 2012 |  | 16,839 |  | 18,983 |  | 0 |  | 0 |  | 35,822 |
| 2013 |  | 9,009 |  | 10,061 |  | 0 |  | 0 |  | 19,070 |
| 2014 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2015 |  | 0 |  | 0 |  | 0 |  | 0 |  | 0 |
| 2016 |  | 0 |  | 0 |  | 13,181 |  | 0 |  | 13,181 |
| 2017 |  | 0 |  | 0 |  | 27,944 |  | 0 |  | 27,944 |
| 2018 |  | 0 |  | 0 |  | 29,621 |  | 0 |  | 29,621 |
| 2019 |  | 0 |  | 0 |  | 31,398 |  | 14,272 |  | 45,669 |
| 2020 |  | 0 |  | 0 |  | 16,641 |  | 30,256 |  | 46,897 |
| 2021 |  | 0 |  | 0 |  | 0 |  | 32,071 |  | 32,071 |
| 2022 |  | 0 |  | 0 |  | 0 |  | 33,996 |  | 33,996 |
| 2023 |  | 0 |  | 0 |  | 0 |  | 18,018 |  | 18,018 |
| Total |  | 102,680 |  | 71,816 |  | 118,784 |  | 128,612 |  | 421,893 |

Based On The Above Projected Expenses, The Following Contributions Will Be Needed To Meet Education Goals:

Assumed
Investment Return 5.00\% 7.00\% 9.00\%

Contribution

| Lump Sum | Equal Annual |
| :---: | :---: |
| 201,252 | 14,210 |
| 155,151 | 12,864 |
| 121,120 | 11,599 |

$\begin{array}{ll}(1,184 & \text { Monthly) } \\ (1,072 & \text { Monthly }) \\ (967 & \text { Monthly })\end{array}$

## EDUCATION ANALYSIS <br> For <br> John and Mary Demo

There are a number of options open to parents when it comes to providing funds for their children's education. Money can be taken out of current income as the needs occur or it can be accumulated over time, prior to college.

Although interest free loans have lost much of their appeal for meeting educational expenses, other income-splitting techniques can still work well in special cases. Business owners, for example, can hire family members and divert taxable income to those in lower income tax brackets. In other cases, single premium insurance products may work well.

In your case we have assumed that the funding of your 4 children's educations has been attempted taking the best advantage of the then current situation.

The first of your children starts college in 2007. Due to inflation, the total cost of sending 4 children to college will be $\$ 421,893$ between 2007 and 2023. These educational expenses are already calculated into your financial plan. They appear on line 23 starting in 2007 in the Financial Projection Report.


We have selected 3 alternatives to illustrate the effect different rates of return have on accumulating funds for college. Although it is possible to achieve a consistently high return on your investments, we feel it is better to use lower assumptions when planning longrange. For this reason we recommend using the $5.00 \%$ figure in your planning. This means you can either invest $\$ 201,252$ in a lump sum today, $\$ 14,210$ in equal annual installments or $\$ 1,184$ each month for the next 23 years. Either of these methods should be sufficient to accumulate enough money to meet your family's college costs.

