Err:508
Issued May 1996
5 columns starti

| Date: | Jan 22, |  | Federal Marginal Tax Rate: State Marginal Tax Rate: |  |  | $\begin{gathered} \hline 28.0 \% \\ 5.0 \% \end{gathered}$ | Semi-Annual Market-Based Interest Rates |  |  | \& to |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Average | Yield | Required |  | Short-Term | Long-Term | Short |
|  |  |  |  | Market- | To Date | Taxable | Date | Rate | Rate | Term |
| Purchase | Face | Original | Current | Based | (Annual | Yield To = |  |  |  |  |
| Date | Value | Cost | Value | Rate | Compound) | Saving Bono | 11/82 | N/A | 11.09\% | 1 |
| 3/8/81 | \$50 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/83 | N/A | 8.64\% | 1 |
| 3/27/86 | \$50 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/83 | N/A | 9.38\% | 1 |
| 2/29/88 | \$50 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/84 | N/A | 9.95\% | 1 |
| 3/1/90 | \$8,000 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/84 | N/A | 10.94\% | 1 |
| 8/15/90 | \$600 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/85 | N/A | 9.49\% | 1 |
| 3/15/91 | \$650 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/85 | N/A | 8.36\% | 1 |
| 10/15/91 | \$700 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/86 | N/A | 7.02\% | 1 |
| 5/15/92 | \$750 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/86 | N/A | 6.06\% | 1 |
| 12/15/92 | \$800 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/87 | N/A | 5.84\% | 1 |
| 7/15/93 | \$850 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/87 | N/A | 7.17\% | 1 |
| 2/15/94 | \$900 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/88 | N/A | 6.90\% | 1 |
| 9/15/94 | \$950 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/88 | N/A | 7.35\% | 1 |
| 5/15/95 | \$1,000 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/89 | N/A | 7.81\% | 1 |
| 11/15/95 | \$1,050 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/89 | N/A | 6.98\% | 1 |
| 6/15/96 | \$1,100 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/90 | N/A | 7.01\% | 1 |
| 1/15/97 | \$1,150 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/90 | N/A | 7.19\% | 1 |
| 8/15/97 | \$1,200 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/91 | N/A | 6.57\% | 1 |
| 3/15/98 | \$1,250 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/91 | N/A | 6.38\% | 1 |
| 10/15/98 | \$1,300 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/92 | N/A | 5.58\% | 1 |
| 5/15/99 | \$1,350 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/92 | N/A | 5.04\% | 1 |
| 12/15/99 | \$1,400 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/93 | N/A | 4.78\% | 1 |
| 7/15/00 | \$1,450 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/93 | N/A | 4.25\% | 1 |
| 2/15/01 | \$1,500 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/94 | N/A | 4.70\% | 1 |
| 9/15/01 | \$1,550 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/94 | N/A | 5.92\% | 1 |
| 4/15/02 | \$1,600 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/95 | 5.25\% | 6.31\% | \#\#\# |
| 11/15/02 | \$1,650 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/95 | 4.75\% | 5.16\% | \#\#\# |
| 6/15/03 | \$1,700 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/96 | 4.36\% | 4.85\% | \#\#\# |


| 1/15/04 | \$1,750 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 1/96 | r:508 | Err:508 |  |
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| 8/15/04 | \$1,800 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/97 | Err:508 | Err:508 |  |
| 3/15/05 | \$1,850 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/97 | Err:508 | Err:508 |  |
| 10/15/05 | \$1,900 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/98 | Err:508 | Err:508 |  |
| 5/15/06 | \$1,950 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/98 | Err:508 | Err:508 |  |
| 12/15/06 | \$2,000 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/99 | Err:508 | Err:508 |  |
| 7/15/07 | \$2,050 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/99 | Err:508 | Err:508 |  |
| 2/15/08 | \$2,100 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/00 | Err:508 | Err:508 |  |
| 9/15/08 | \$2,150 | Err:508 | Err:508 | Err:508 | Err:508 | r:508 | 11/00 | rr:508 | Err:508 |  |
| 4/15/09 | \$2,200 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/01 | Err:508 | Err:508 |  |
| 11/15/09 | \$2,250 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 11/01 | Err:508 | Err:508 |  |
| 6/15/10 | \$2,300 | Err:508 | Err:508 | Err:508 | Err:508 | Err:508 | 5/02 | Err:508 | Err:508 |  |
| Total | \$58,900 | Err:508 | Err:508 |  |  |  | 11/02 | Err:508 | Err:508 |  |
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| Type in above information. Print form. Send form and \$12 to | 5/13 | Err:508 | Err:508 | \#\#\# |
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|  | 11/13 | Err:508 | Err:508 | \#\#\# |
| Gil Friese; 1132 El Camino Drive; Costa Mesa, CA 92626 | 5/14 | Err:508 | Err:508 | \#\#\# |
|  | 11/14 | Err:508 | Err:508 | \#\# |
| Thank you for trying "Series EE Savings Bonds for COLLEGE!" | 5/15 | Err:508 | Err:508 | \#\#\# |
| Thark you for tying Seite EE Savings Bonds for College. | 11/15 | Err:508 | Err:508 | \#\#\# |
| 1. Illustrative Use | 5/16 | Err:508 | Err:508 | \#\#\# |
|  | 11/16 | Err:508 | Err:508 | \#\#\# |
| Papa and Mama Planahead had a son in June 1989. Opa Planahead, proud of his first grandchild, | 5/17 | Err:508 | Err:508 | \#\#\# |

decided to start his grandchild's college fund. He read all the rules about totally tax-free EE bonds and decided that was a great investment having no chance of loss. He bought eight $\$ 1000$ bonds for $\$ 4000$ and placed them in Papa's and Mama's names.

Papa Planahead decided this was a good idea. He estimated that about $\$ 50,000$ to $\$ 55,000$ would be needed for tuition and fees during 2007-2010. He could only afford to save about $\$ 45$ monthly at the time, but this would increase in the future with raises. With the use of this spreadsheet, he decided to spend $\$ 300$ on EE Bonds in August 1990, and increase this amount by $\$ 25$ every seven months. The result is the table shown above. The table has the following information:

Bond Purchase Date and Total Face Value: Entered by the user.
Original Cost: Half Total Face Value.
Current Value: Accurately calculated. Future values are estimated based upon past average rates and future estimated rates. Bonds change value monthly or semi-annually depending on purchase date.

Yield-To-Date: The compounded annual return from the date of purchase to today's date. This is the only column that changes from day to day in the same month.

Average Market-Based Rate: Average of all market-based rates since the bond's purchase to its last interest credit for bonds bought before $5 / 95$. The bond has paid this rate compounded semiannually since purchase if the rate is greater than its average guaranteed rate and the bond is at least five years old. Market-based rates are not averaged for bonds bought $5 / 95$ or later. The value shown in the table for such bonds is an effective average rate that is valid to compare with those of older bonds.

Required Taxable Yield: This column shows the yield that one would have to receive from

| 11/17 | Err:508 | Err:508 | \#\#\# |
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| 5/18 | Err:508 | Err:508 | \#\#\# |
| 11/18 | Err:508 | Err:508 | \#\#\# |
| 5/19 | Err:508 | Err:508 | \#\#\# |
| 11/19 | Err:508 | Err:508 | \#\#\# |
| 5/20 | Err:508 | Err:508 | \#\#\# |
| 11/20 | Err:508 | Err:508 | \#\#\# |
|  | 6\% Guar. | onds |  |
|  | Age | Mult |  |
| Choose | (Months) | Factor |  |
|  | 0 | 1 |  |
| 1/80 | 1 | 1 |  |
| 5/80 | 2 | 1 |  |
| 11/80 | 3 | 1 |  |
| 5/81 | 4 | 1 |  |
| 11/81 | 5 | 1 |  |
| 5/82 | 6 | 1.0208 |  |
| 11/82 | 7 | 1.024 |  |
| 3/83 | 8 | 1.028 |  |
| 11/86 | 9 | 1.0312 |  |
| 5/89 | 10 | 1.0352 |  |
| 3/93 | 11 | 1.0392 |  |
| 5/95 | 12 | 1.0432 |  |
|  | 13 | 1.0472 |  |
|  | 14 | 1.0512 |  |
|  | 15 | 1.0552 |  |
|  | 16 | 1.0592 |  |
|  | 17 | 1.0632 |  |
|  | 18 | 1.068 |  |
|  | 19 | 1.072 |  |
|  | 20 | 1.0768 |  |
|  | 21 | 1.0816 |  |
|  | 22 | 1.0864 |  |
|  | 23 | 1.0912 |  |
|  | 24 | 1.096 |  |
|  | 25 | 1.1008 |  |


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