## Santa Barbara Count EMPLOYEES' RETIREMENT SYSTEM

## Summary of Valuation Results

|  | June 30, 2004 | June 30, 2005 |
| :--- | :---: | :---: |
| County Contribution Rate | $18.11 \%$ | $19.78 \%$ |
| County Contribution <br> Dollars | $\$ 48.4$ million | $\$ 53.0$ million |
| Actuarial Accrued <br> Liability | $\$ 1.579$ billion | $\$ 1.688$ billion |
| Actuarial Value of Assets | $\$ 1.379$ billion | $\$ 1.444$ billion |
| Unfunded Actuarial <br> Liability | $\$ 200$ million | $\$ 244$ million |
| Funded Ratio | $87.4 \%$ | $85.6 \%$ |

## Santa Barbara Count EMPLOYEES' RETIREMENT SYSTEM

## Summary of Valuation Results

|  | June 30, 2004 | June 30, 2005 |
| :--- | :---: | :---: |
| Active Participants | 4,503 | 4,505 |
| Deferred Participants | 717 | 757 |
| Retired Participants | 2,440 | 2,561 |
| Active member compensation | $\$ 267.0$ million | $\$ 267.8$ million |
| Active member average age | 44.3 years | 44.4 years |
| Active member average service | 10.2 years | 10.3 years |
| Retiree Payroll | $\$ 52.3$ million | $\$ 58.8$ million |

# Santa Barbara County EMPLOYEES' RETIREMENT SYSTEM 

## Major Findings of Actuarial Valuation

-Salary increases for active members were lower than expected -Market return was 9.9\%, higher than assumed 8.16\%
-Actuarial (smoothed) return was 5.0\%, lower than assumed 8.16\%
-Deferred asset losses from prior years still played a significant roll in employer contribution rate increase. As of June 30, 2005, there is a deferred asset gains of $\$ 32.3$ million on a smoothed asset basis

## Recent History of Funded Status

| Date/Event | Liability <br> Changes | Asset <br> Changes | UAAL <br> (Surplus) | Funded <br> Ratio |
| :--- | :---: | :---: | :---: | :---: |
| $\mathbf{1 2} / \mathbf{3 1} / \mathbf{1 9 9 8}$ |  |  | $\$ 11.9$ million | $98.7 \%$ |
| $\mathbf{1 2} / \mathbf{3 1} / \mathbf{1 9 9 9}$ |  |  | $\$(0.9)$ million | $100.1 \%$ |
| $\mathbf{1 2} / \mathbf{3 1} / \mathbf{2 0 0 0}$ |  |  | $\$(25.6)$ million | $102.2 \%$ |
| $2 \%$ at 57 General | $\$ 16.5$ million | $\$ 16.5$ million | $\$(25.6)$ million | $102.2 \%$ |
| $3 \%$ at 55 Safety | $\$ 11.9$ million | $\$ 11.9$ million | $\$(25.6)$ million | $102.2 \%$ |
| One Year FAS | $\$ 26.5$ million | $\$ 1.2$ million | $\$(0.3)$ million | $100.0 \%$ |
| $\mathbf{1 2 / 3 1 / 2 0 0 0}$ |  |  |  | $100.0 \%$ |
| Asset returns |  | $\$(58.0)$ million |  |  |
| Change asset method |  | $\$ 24.3$ million |  |  |
| Salary losses | $\$ 13.1$ million |  |  |  |
| Other demographic losses | $\$ 21.2$ million |  |  |  |
| $\mathbf{1 2 / 3 1 / 2 0 0 2}$ |  |  | $\$ 67.6$ million | $95.0 \%$ |

Recent History of Funded Status

| Date/Event | Liability <br> Changes | Asset <br> Changes | UAAL <br> (Surplus) | Funded <br> Ratio |
| :--- | :---: | :---: | :---: | :---: |
| Asset returns |  | $\$ 10.8$ million |  |  |
| Change assumptions | $\$ 23.4$ million |  |  |  |
| Retiree losses | $\$ 11.5$ million |  |  |  |
| Demographic experience | $\$ 6.4$ million |  |  |  |
| Interest and contribution timing | $\$ 10.0$ million |  | $\$ 108.2$ million | $92.6 \%$ |
| $\mathbf{6 / 3 0 / 2 0 0 3}$ |  |  |  |  |
| Interest and contribution timing | $\$ 4.1$ million |  |  |  |
| Asset returns |  | $\$(62.3)$ million |  |  |
| Salary losses for new retirees | $\$ 9.7$ million |  | $\$ 199.6$ million | $87.4 \%$ |
| Demographic losses | $\$ 15.2$ million |  |  |  |
| $\mathbf{6 / 3 0 / 2 0 0 4}$ |  |  |  |  |

Recent History of Funded Status

| Date/Event | Liability <br> Changes | Asset <br> Changes | UAAL <br> (Surplus) | Funded <br> Ratio |
| :--- | :---: | :---: | :---: | :---: |
| Interest and contribution timing | $\$ 4.2$ million |  |  |  |
| Asset returns |  | $\$(41.5)$ million |  |  |
| Demographic gains | $\$(1.5)$ million |  |  | $\$ 243.8$ million |
| $\mathbf{6 / 3 0 / 2 0 0 5}$ |  |  | $85.6 \%$ |  |

Recent History of Contribution Rates

| Date | Employer Normal Cost | Employer UAAL | Employer Total | Member |
| :--- | :---: | :---: | :---: | :---: |
| $12 / 31 / 1994$ Valuation |  |  | $17.70 \%$ | $3.57 \%$ |
| $12 / 31 / 1995$ Valuation |  |  | $18.43 \%$ | $3.73 \%$ |
| $12 / 31 / 1996$ Valuation | $11.76 \%$ | $5.20 \%$ | $16.96 \%$ | $3.92 \%$ |
| $12 / 31 / 1997$ Valuation | $11.48 \%$ | $6.25 \%$ | $17.73 \%$ | $4.18 \%$ |
| $12 / 31 / 1998$ Valuation | $12.13 \%$ | $1.03 \%$ | $13.16 \%$ | $4.86 \%$ |
| $12 / 31 / 1999$ Valuation | $12.09 \%$ | $(0.09) \%$ | $12.00 \%$ | $5.11 \%$ |
| $12 / 31 / 2000$ Valuation | $11.22 \%$ | $(2.54) \%$ | $8.68 \%$ | $5.08 \%$ |
| $12 / 31 / 2000$ Valuation $*$ | $11.87 \%$ | $0.08 \%$ | $11.95 \%$ | $5.77 \%$ |
| $12 / 31 / 2002$ Valuation | $11.63 \%$ | $2.29 \%$ | $13.92 \%$ | $6.42 \%$ |
| $6 / 30 / 2003$ Valuation | $11.56 \%$ | $3.65 \%$ | $15.21 \%$ | $6.59 \%$ |
| $6 / 30 / 2004$ Valuation | $11.48 \%$ | $6.63 \%$ | $18.11 \%$ | $6.75 \%$ |
| $6 / 30 / 2005$ Valuation | $11.38 \%$ | $8.40 \%$ | $19.78 \%$ | $6.90 \%$ |
| $6 / 30 / 2006$ Valuation** |  |  | $20.26 \%$ |  |
| $6 / 30 / 2007$ Valuation** |  |  | $19.80 \%$ |  |

Recent History of Contribution Rates,(continued)

| Date | Employer Normal Cost | Employer UAAL | Employer Total | Member |
| :--- | :---: | :---: | :---: | :---: |
| $6 / 30 / 2008$ Valuation** |  |  | $18.90 \%$ |  |
| $6 / 30 / 2009$ Valuation** |  |  | $18.75 \%$ |  |
| * After benefit improvement |  |  |  |  |
| ** Reflects only asset returns |  |  |  |  |

## 5 - Year Asset Smoothing

| Year | Additional <br> Earnings | Portion <br> Deferred | Deferred <br> Earnings |
| :---: | ---: | :---: | ---: |
| 2001 | $(99,716,309)$ | $10 \%$ | $(9,971,631)$ |
| 2002 | $(195,741,314)$ | $30 \%$ | $(58,722,394)$ |
| $1 / 1 / 2003$ to $6 / 30 / 2003$ | $58,169,090$ | $50 \%$ | $29,084,545$ |
| $7 / 1 / 2003$ to $6 / 30 / 2004$ | $88,162,058$ | $60 \%$ | $52,897,235$ |
| $7 / 1 / 2004$ to $6 / 30 / 2005$ | $23,807,978$ | $80 \%$ | $19,046,382$ |
| Total |  |  | $\$ 32,334,137$ |
|  |  |  |  |
|  |  |  |  |

## 

| Year ending June 30 | Return on market value | Increase in CPI |
| :---: | :---: | :---: |
| 1988 | $1.9 \%$ | $4.0 \%$ |
| 1989 | $17.6 \%$ | $5.2 \%$ |
| 1990 | $10.8 \%$ | $4.7 \%$ |
| 1991 | $9.7 \%$ | $4.7 \%$ |
| 1992 | $18.5 \%$ | $3.1 \%$ |
| 1993 | $13.2 \%$ | $3.0 \%$ |
| 1994 | $-0.7 \%$ | $2.5 \%$ |
| 1995 | $17.7 \%$ | $3.0 \%$ |
| 1996 | $15.6 \%$ | $2.8 \%$ |
| 1997 | $19.9 \%$ | $2.3 \%$ |
| 1998 | $18.9 \%$ | $1.7 \%$ |
| 1999 | $10.5 \%$ | $2.0 \%$ |
| 2000 | $6.4 \%$ | $3.7 \%$ |
| 2001 | $-4.3 \%$ | $3.3 \%$ |
| 2002 | $-5.4 \%$ | $1.1 \%$ |
| 2003 | $4.6 \%$ | $2.1 \%$ |
| 2004 | $15.7 \%$ | $3.3 \%$ |
| 2005 | $9.9 \%$ | $2.5 \%$ |
| $18-Y e a r$ Compound Average | $9.7 \%$ | $3.1 \%$ |
|  |  |  |

# Santa Barbara <br> EMPLOYEES R RETIREMENTY S STEM 

|  |  | AL EMPLO | R CONTR | TION RATE | - RECOMME |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ENERAL |  | SAFETY | SAFETY \& PROBATION |  |  |
|  | Plan 5A | Plan 2 | Plan 5B | Plan 4A | Plan 4B | Plan 1 | Plan 2 |
| Normal Cost UAAL | $\begin{aligned} & 9.31 \% \\ & 6.20 \end{aligned}$ | $\begin{gathered} 2.79 \% \\ 6.20 \\ \hline \end{gathered}$ | $\begin{aligned} & 9.43 \% \\ & 6.20 \\ & \hline \end{aligned}$ | $\begin{aligned} & 18.96 \% \\ & 14.77 \end{aligned}$ | $\begin{aligned} & 15.76 \% \\ & 14.77 \\ & \hline \end{aligned}$ | $\begin{gathered} 11.32 \% \\ 7.04 \\ \hline \end{gathered}$ | $\begin{gathered} 11.23 \% \\ 7.04 \end{gathered}$ |
| Total | 15.51\% | 8.99\% | 15.63\% | 33.73\% | 30.53\% | 18.36\% | 18.27\% |
| Recommended Average Rate for Total Group: |  |  |  |  | $\begin{array}{cc}\text { Normal Cost } & \\ \text { UAAL } & 8.38 \%\end{array}$ |  |  |

