## Wh SIERRA <br> INVESTMENTMANAGEMENT

## Risk Matters: <br> The Importance of Keeping Losses Small

For any loss, the return necessary to recover the loss or get back on your growth track is larger than the loss.

| Decline in Year 1 | Portfolio Value of \$100K after Year 1 | Gain Needed to Break Even in Year 2 (Getting Back to \$100K) | Gain Needed to Earn Original Goal: Compounded 6\% (Based on a $\$ 100 \mathrm{~K}$ investment) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Original investment: \$100,000 |  | $\begin{aligned} & \text { Year 2: } \\ & \$ 112,360 \end{aligned}$ | $\begin{aligned} & \text { Year 5: } \\ & \$ 133,823 \end{aligned}$ | $\begin{aligned} & \text { Year 10: } \\ & \$ 179,085 \end{aligned}$ |
| -10\% | \$90,000 | 11.1\% | 24.8\% | 10.4\% | 7.9\% |
| -15\% | \$85,000 | 17.6\% | 32.2\% | 12.0\% | 8.6\% |
| -20\% | \$80,000 | 25.0\% | 40.5\% | 13.7\% | 9.4\% |
| -25\% | \$75,000 | 33.3\% | 49.8\% | 15.6\% | 10.2\% |
| -30\% | \$70,000 | 42.9\% | 60.5\% | 17.6\% | 11.0\% |

If you are in or approaching retirement, the impact for recovery from a 20\% loss may be long and difficult to achieve. The new portfolio value of $\$ 80,000$ puts significant pressure on the ability to grow and maintain risk parameters.

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