## WorstDay / BestDay

Each year for the past twenty years, you had $\$ 10,000$ to invest. How much would you have if you had picked the worst day of each year to invest - the market high for the year? What if you had picked the best day of the year the market low for the year? Below on the left are the results if you had picked the worst day. On the right are the the results if you had picked the best day. You would think the difference over 20 years would be huge, right?

| Worst-day <br> Date of Market <br> High |  | Cumulative <br> Investment |
| :---: | ---: | ---: |
| Inver |  |  |
| Account Value <br> at End of Year |  |  |
| $12 / 29 / 93$ | $\$ 10,000$ | $\$ 9,388$ |
| $01 / 31 / 94$ | 20,000 | 18,544 |
| $12 / 13 / 95$ | 30,000 | 33,723 |
| $12 / 27 / 96$ | 40,000 | 49,798 |
| $08 / 06 / 97$ | 50,000 | 74,852 |
| $11 / 23 / 98$ | 60,000 | 101,984 |
| $12 / 31 / 99$ | 70,000 | 158,517 |
| $01 / 14 / 00$ | 80,000 | 143,864 |
| $05 / 21 / 01$ | 90,000 | 146,397 |
| $03 / 19 / 02$ | 100,000 | 133,301 |
| $12 / 31 / 03$ | 110,000 | 178,015 |
| $12 / 28 / 04$ | 120,000 | 205,078 |
| $03 / 04 / 05$ | 130,000 | 229,570 |
| $12 / 27 / 06$ | 140,000 | 275,912 |
| $10 / 09 / 07$ | 150,000 | 301,609 |
| $05 / 02 / 08$ | 160,000 | 203,474 |
| $12 / 30 / 09$ | 170,000 | 268,522 |
| $12 / 29 / 10$ | 180,000 | 307,427 |
| $04 / 29 / 11$ | 190,000 | 310,946 |
| $09 / 14 / 12$ | $\$ 200,000$ | $\$ 369,285$ |
| Average annual total return: $5.87 \%$ |  |  |


| Best-day <br> Date of <br> Market Low |  | Cumulative <br> Investment |
| :---: | ---: | ---: | | Account Value |
| ---: |
| at End of Year |$|$| $01 / 20 / 93$ | $\$ 10,000$ | $\$ 10,504$ |
| ---: | ---: | ---: |
| $04 / 04 / 94$ | 20,000 | 20,167 |
| $01 / 30 / 95$ | 30,000 | 38,576 |
| $01 / 10 / 96$ | 40,000 | 57,043 |
| $04 / 11 / 97$ | 50,000 | 85,637 |
| $08 / 31 / 98$ | 60,000 | 117,289 |
| $01 / 22 / 99$ | 70,000 | 147,621 |
| $03 / 07 / 00$ | 80,000 | 162,955 |
| $09 / 21 / 01$ | 90,000 | 165,881 |
| $10 / 09 / 02$ | 100,000 | 151,720 |
| $03 / 11 / 03$ | 110,000 | 204,384 |
| $10 / 25 / 04$ | 120,000 | 234,665 |
| $04 / 20 / 05$ | 130,000 | 261,406 |
| $01 / 20 / 06$ | 140,000 | 314,013 |
| $03 / 05 / 07$ | 150,000 | 342,898 |
| $11 / 20 / 08$ | 160,000 | 233,734 |
| $03 / 09 / 09$ | 170,000 | 310,789 |
| $07 / 02 / 10$ | 180,000 | 355,565 |
| $10 / 03 / 11$ | 190,000 | 359,087 |
| $01 / 01 / 12$ | $\$ 200,000$ | $\$ 425,911$ |
| Average annual total return: $6.95 \%$ |  |  |

Wrong! There is a difference. But it is not as large as you would expect. The moral of the story is that you need to get started now. Don't wait for the best time to invest. The best time to invest is right now!
(Pssst. You are in it for the long term, right?)

