

When saving for retirement, time makes all the difference.

By investing early and saving consistently, you'll give your money more time to grow. Consider the different scenarios below—using Alma, Zora, and Mark as example savers.



EXAMPLE 1: SAVING EARLIER¹

Compounding interest and the age at which Alma, Zora, and Mark start saving impacts how much they each will have in retirement.

In this example, it's assumed that each saver had a \$5,000 initial investment with no additional contributions made, 6% interest rate, and will retire at age 67.

Starting Age	Alma	Zora	Mark
Years to Invest	45	33	21
Avg. Gain per Year	\$1,418	\$885	\$571
Total Growth	\$63,823	\$29,203	\$11,998

Growth of Initial Investment of \$5,000



The results

Due to compounding interest over time, Alma's contribution was able to grow the most.

EXAMPLE 2: SAVING CONSISTENTLY¹

No matter when you start saving for retirement, saving consistently can help increase your monthly income from retirement savings. Who do you think will have the most projected monthly income?

In this example, it is assumed participant retirement age at 67, monthly payments until age 90, a 6% rate of return prior to retirement and a 5% rate of return during retirement.

Projected monthly income in retirement²

Alma starts saving early and keeps saving until retirement.	Alma Age 22	Saves for 45 years until retirement Saves \$250 per month	\$4,087 per month in retirement
Zora starts saving early, but only saves for 16 years before stopping.	Zora Age 34	Saves for 16 years, then stops	\$1,136 per month in retirement
Mark starts saving later, but saves double what Alma and Zora save each year.	Mark Age 46	Saves for 21 years until retirement Saves \$500 per month	\$1,537 per month in retirement

The results

Alma saves the most with almost \$3,000 additional income per month in retirement.

- Zora and Mark have similar incomes per month in retirement, although Mark started saving later and contributed a lot more money to his account.
- Zora saved for the least amount of years, however since she saved early, her contributions were invested and continued to grow the remaining years until retirement.

¹In both examples 1 and 2, the investment performance shown does not represent the return of any particular investment and does not guarantee any future rate of return. The final account balance or the income in retirement does not reflect any taxes or penalties that may be due upon distribution. Withdrawals from a tax-deferred account before age 59 ½ are subject to a 10% federal penalty tax unless an exception applies. ²Projected monthly income in retirement was calculated using: <u>https://www.bankrate.com/retirement/r</u>

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