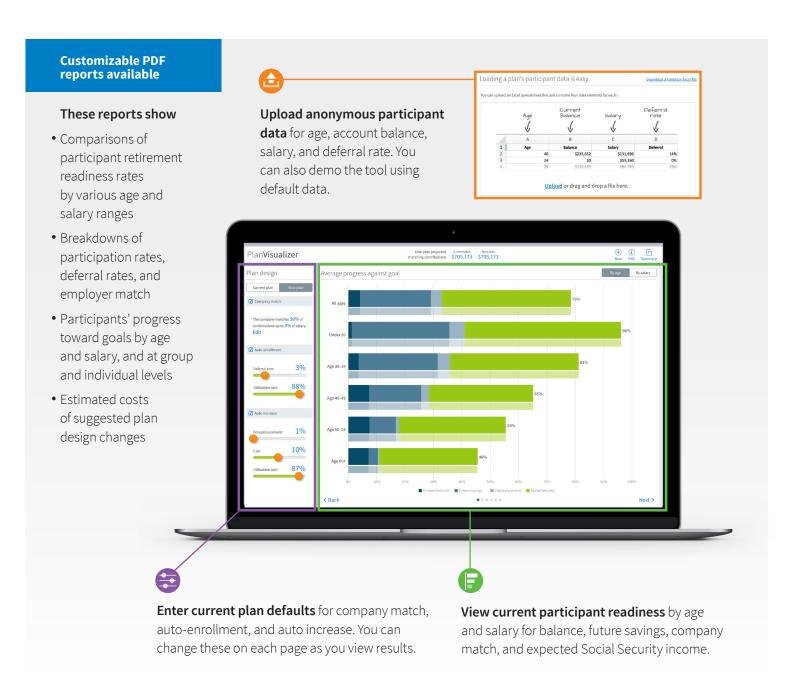


Plan**Visualizer**™ See retirement plan design in a whole new light

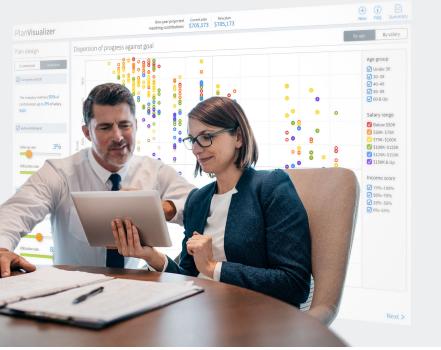
This powerful tool offers an unprecedented view of retirement plan data and real-time interactivity to model features and costs, making it easier to optimize plan design. Here's how it works:



PlanVisualizer makes it easy to see if plan participants — at all ages and salary levels — will be ready to retire.



Visualize potential plan changes, such as average participation rates, average deferral rates, company match, and their likely impact on metrics and costs.



Average participation rate	95.3%	67.4%
Average deferral rate	9.5%	5.8%
Employer match	50% up to 3% \$531,482	50% up to 3% \$531,482
Auto- enrollment	At 3% (88% utilized) \$152,484	Not offered \$0
Auto- increase	1% to a max of 10% (87% utilized) \$6,606	Not offered \$0
Total	\$690,572	\$531,482



Compare scores for the current plan versus a potential new design across the participant population, and view costs and summary details.



Take advantage of this powerful tool to optimize retirement plans.

For questions, please contact your DC Investment Specialist or call 1-866-4PUTNAM (1-866-478-8626).

To request the offering documents for our funds, visit putnam.com. The offering documents include investment objectives, risks, charges, expenses and other considerations that you should read and consider carefully before investing.

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