EBRI Retirement Security Projection Model

The EBRI Retirement Security Projection Model® is used to model the expected retirement income derived from Social Security and retirement plans for birth cohorts from 1936-1965 with results broken out by gender and family status. This is combined with a hybrid model for analyzing retiree expenditures: stochastic for some expenditures (e.g., home health care and nursing facilities) and deterministic for others (e.g., housing and food). This results in a tool capable of analyzing the retirement income adequacy of various demographic groups under baseline assumptions as well as various policy scenarios. Studies using the model are presented.

"How Does the Probability of a 'Successful' Retirement Differ Between Participants in Final-Average Defined Benefit Plans and Voluntary Enrollment 401(k) Plans?" [October 2015, EBRI Notes, Vol. 36, No. 10]

"How Much Can Qualifying Longevity Annuity Contracts Improve Retirement Security?" [August 2015, EBRI Notes, Vol. 36, No. 8]


"Contributory 'Negligence?' The Impact of Future Contributions to Defined Contribution Plans on Retirement Income Adequacy for Gen Xers" [August 2014, EBRI Notes, Vol. 35, No. 8]

"'Short' Falls: Who's Most Likely to Come up Short in Retirement, and When?" [June 2014, EBRI Notes, Vol. 35, No. 6]
"What Causes EBRI Retirement Readiness Ratings to Vary: Results from the 2014 Retirement Security Projection Model" [February 2014, EBRI Issue Brief #396]


"Reality Checks: A Comparative Analysis of Future Benefits from Private-Sector, Voluntary-Enrollment 401(k) Plans vs. Stylized, Final-Average-Pay Defined Benefit and Cash Balance Plans" [June 2013, EBRI Issue Brief #387]

"What a Sustained Low-yield Rate Environment Means for Retirement Income Adequacy: Results from the 2013 EBRI Retirement Security Projection Model" [June 2013, EBRI Notes, Vol. 34, No. 6]


"All or Nothing? An Expanded Perspective on Retirement Readiness" [November 2012, EBRI Notes, Vol. 33, No. 11]

"Increasing Default Deferral Rates in Automatic Enrollment 401(k) Plans: The Impact on Retirement Savings Success in Plans With Automatic Escalation" [September 2012, EBRI Notes, Vol. 33, No. 9]

"Is Working to Age 70 Really the Answer for Retirement Income Adequacy?" [August 2012, EBRI Notes, Vol. 33, No. 8]

"Retirement Readiness Ratings and Retirement Savings Shortfalls for Gen Xers: The Impact of Eligibility for Participation in a 401(k) Plan" [June 2012, EBRI Notes, Vol. 33, No. 6]


http://www.ebri.org/research/?fa=model


"The Importance of Defined Benefit Plans for Retirement Income Adequacy" [August 2011, EBRI Notes, Vol. 32, No. 8]


"The Impact of Deferring Retirement Age on Retirement Income Adequacy" [June 2011, EBRI Issue Brief #358]


"A Post-Crisis Assessment of Retirement Income Adequacy for Baby Boomers and Gen Xers" [February 2011, EBRI Issue Brief #354]

"The Impact of Auto-enrollment and Automatic Contribution Escalation on Retirement Income Adequacy" [November 2010, EBRI Issue Brief #349]

"Retirement Savings Shortfalls for Today's Workers" [October 2010, EBRI Notes, Vol. 31, No. 10]


"The EBRI Retirement Readiness Rating:™ Retirement Income Preparation and Future Prospects" [July 2010, EBRI Issue Brief #344]


"Can America Afford Tomorrow’s Retirees: Results From the EBRI-ERF Retirement Security Projection Model" [November 2003, EBRI Issue Brief #263]

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