
Post-War Trends in Labor Income in the Social Security Earnings Public-Use File

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SSA Earnings Public-Use File (EPUF)

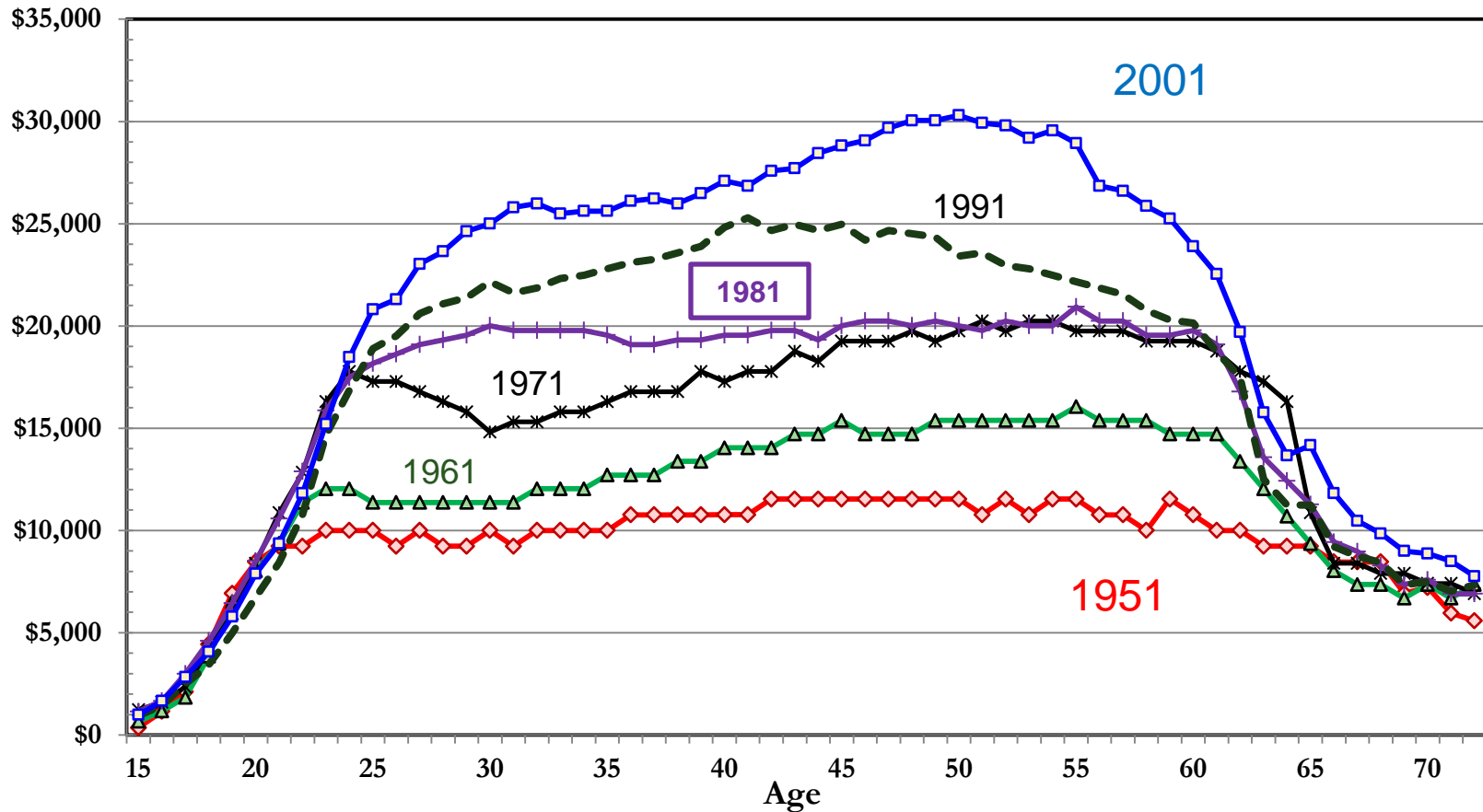
- Individual-year data, 1951-2006
 - Random sample of 3.13 million persons
 - Had covered earnings in at least one year
 - Limits to protect confidentiality:
 - Demographic data: Gender & Year of birth
 - Slight “perturbing” of earnings data
 - No information on place of residence or mortality
 - No information on SS benefits
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SSA Earnings Public-Use File (EPUF)

- Evolution of age-earnings profiles, 1951-2006
 - Shift in women's relative earnings compared with men's
 - Link between age of entry into workforce and peak earnings attained in career
 - Link between age of exit from workforce and peak earnings in career
 - Earnings measured in 2010 dollars
 - Or as % of economy-wide average annual wage
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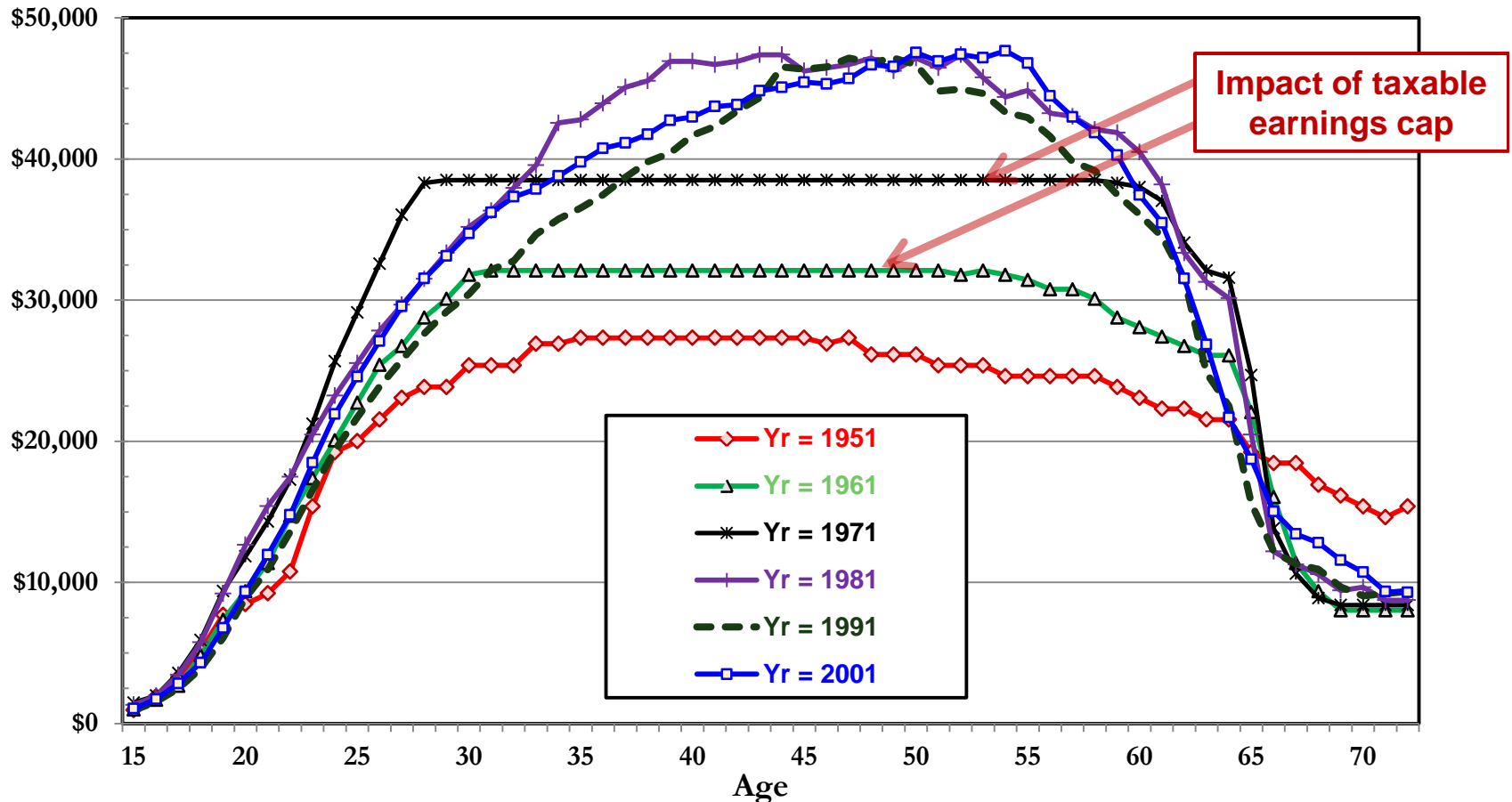
Age-earnings profiles in selected calendar years, 1951-2001

Female Median Earnings (2010 \$)



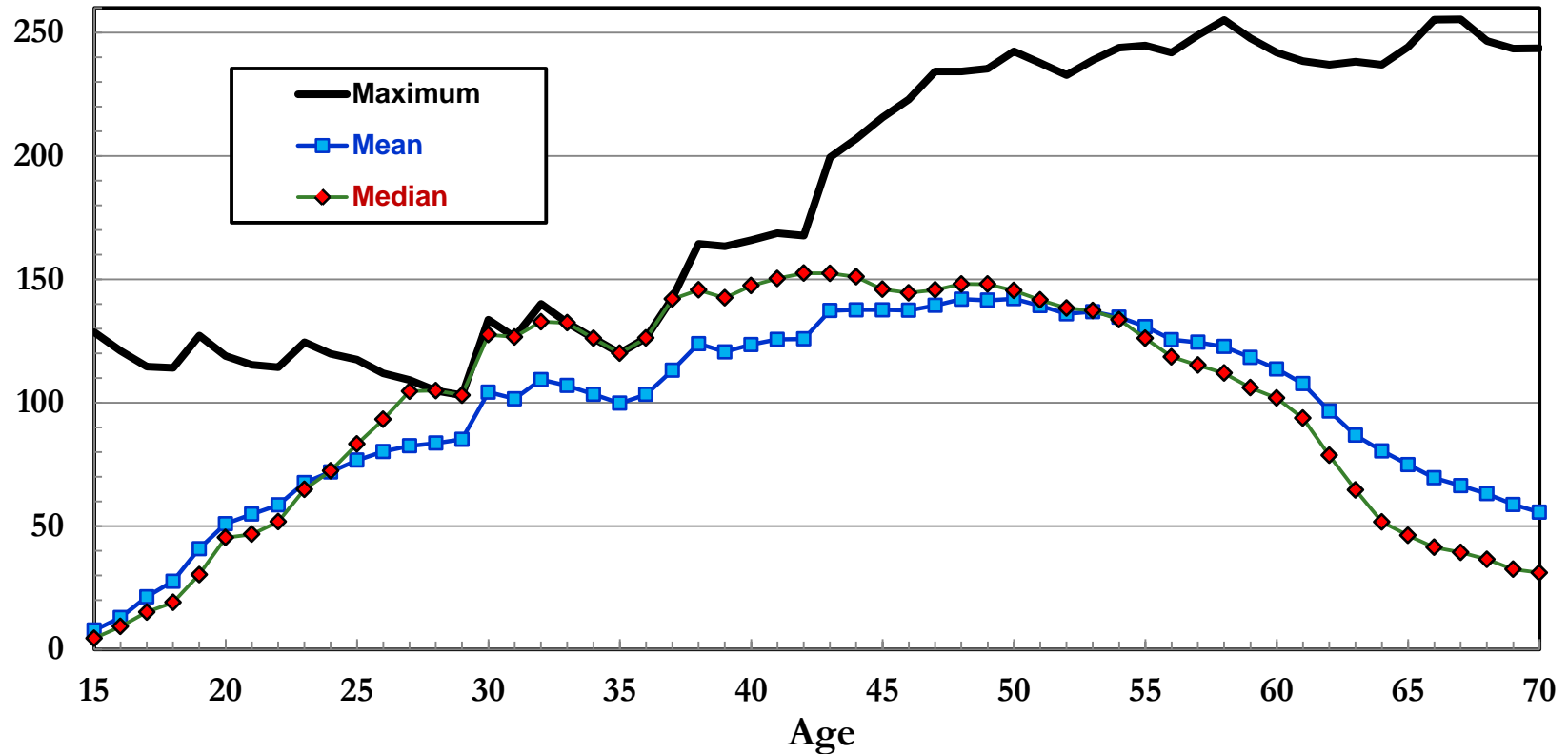
Age-earnings profiles in selected calendar years, 1951-2001

Male Median Earnings (2010 \$)



Age-earnings profile of men born in 1951: Ages 15-70

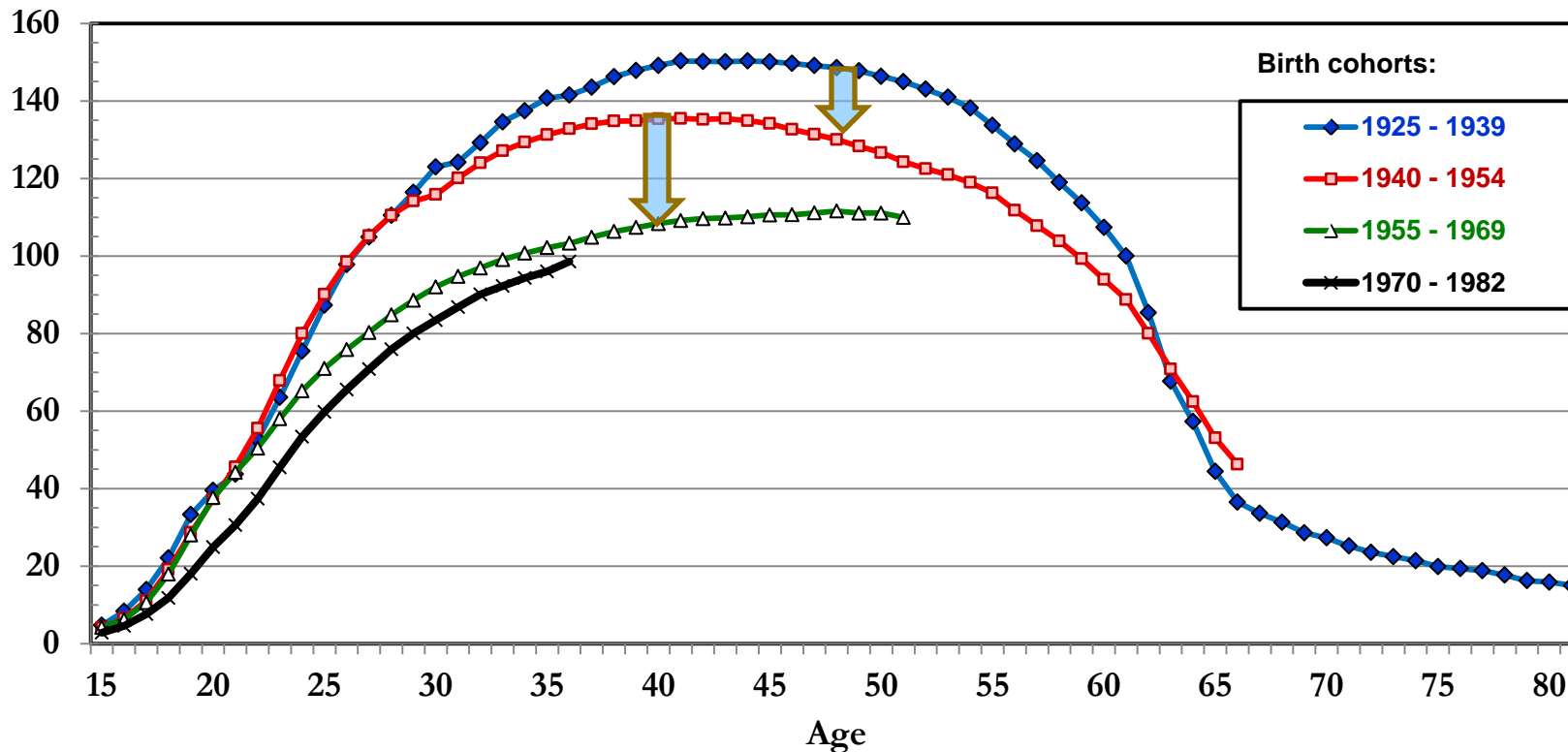
Annual earnings measured as percent of economy-wide average wage



Career age-earnings profiles of men in successive cohorts: Birth years 1925-1982

Male median earnings at indicated ages

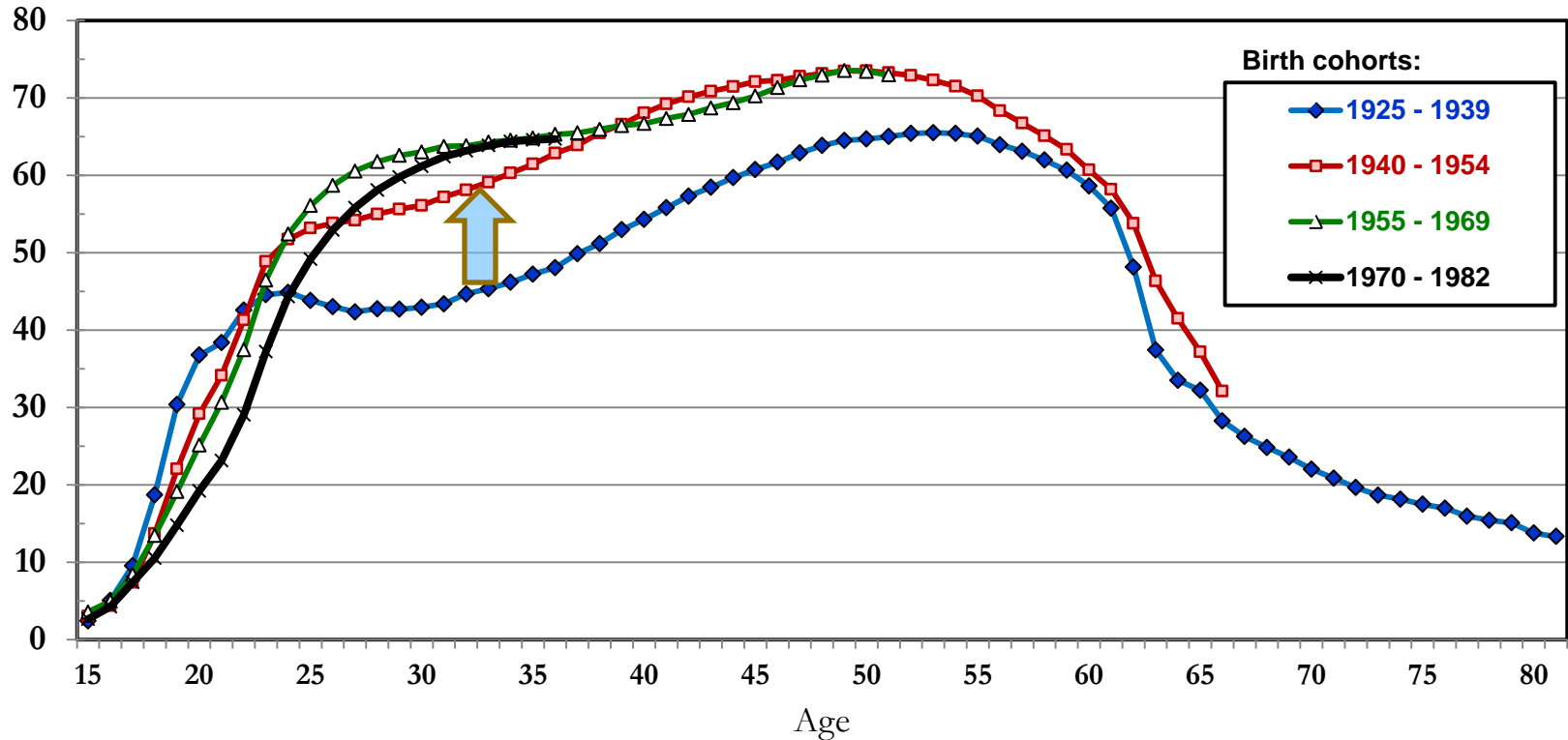
Economy-wide average wage in year = 100



Career age-earnings profiles of women in successive cohorts: Birth years 1925-1982

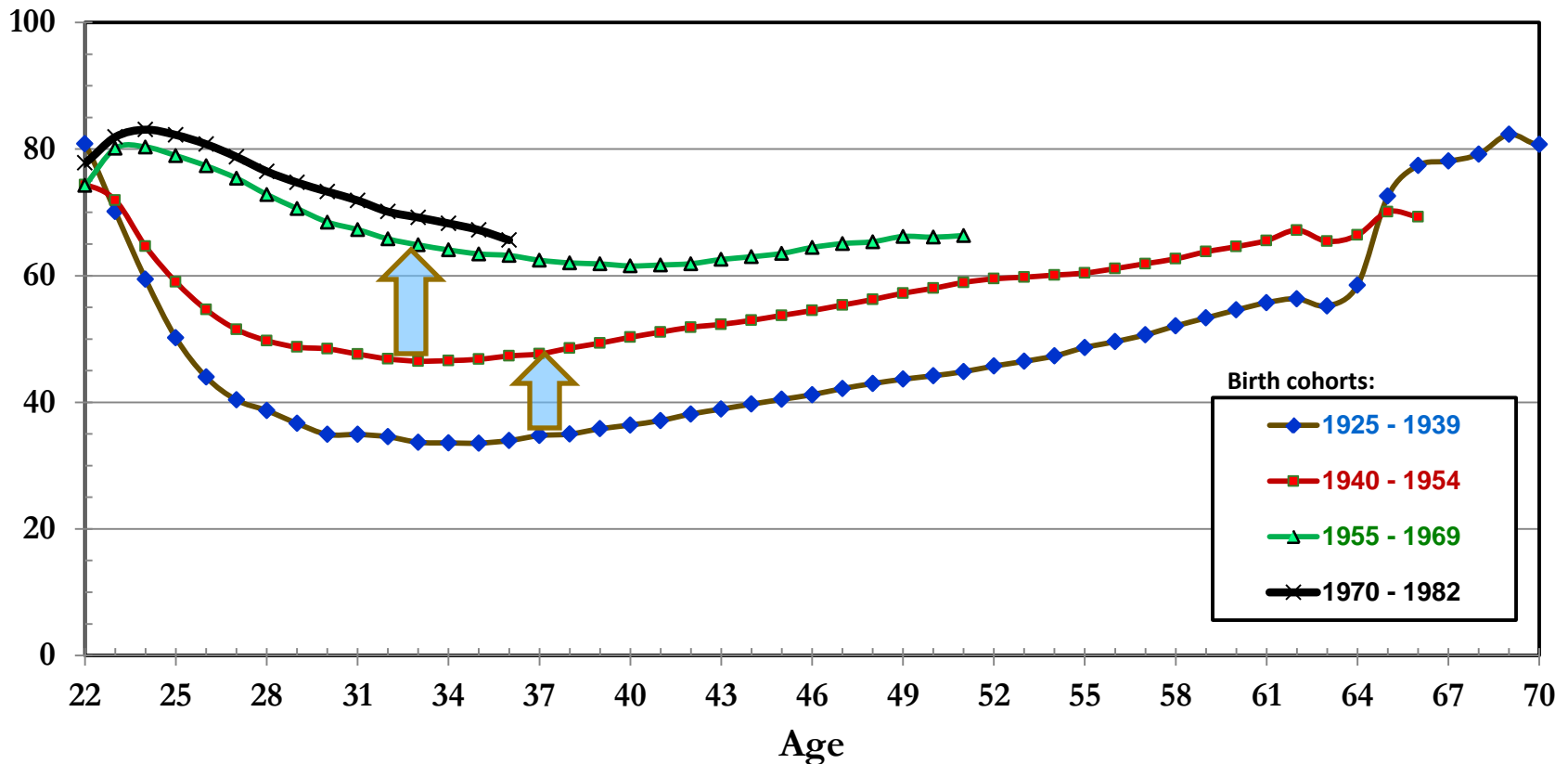
Female median earnings at indicated ages

Economy-wide average wage in year = 100



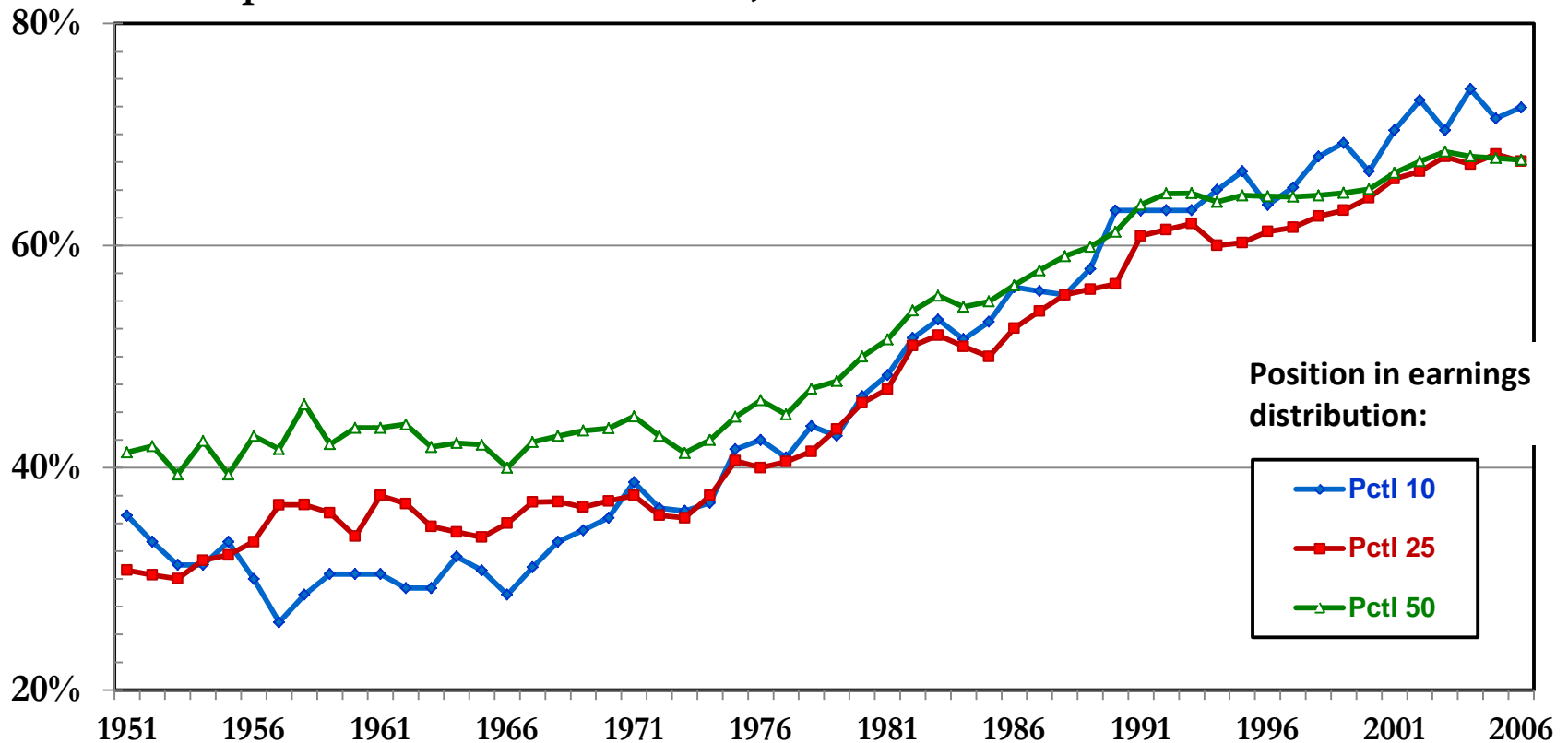
Improvement in career age-earnings profiles of women compared with men: Birth cohorts 1925-1982

Female median wage as a percent of male median wage at the indicated age



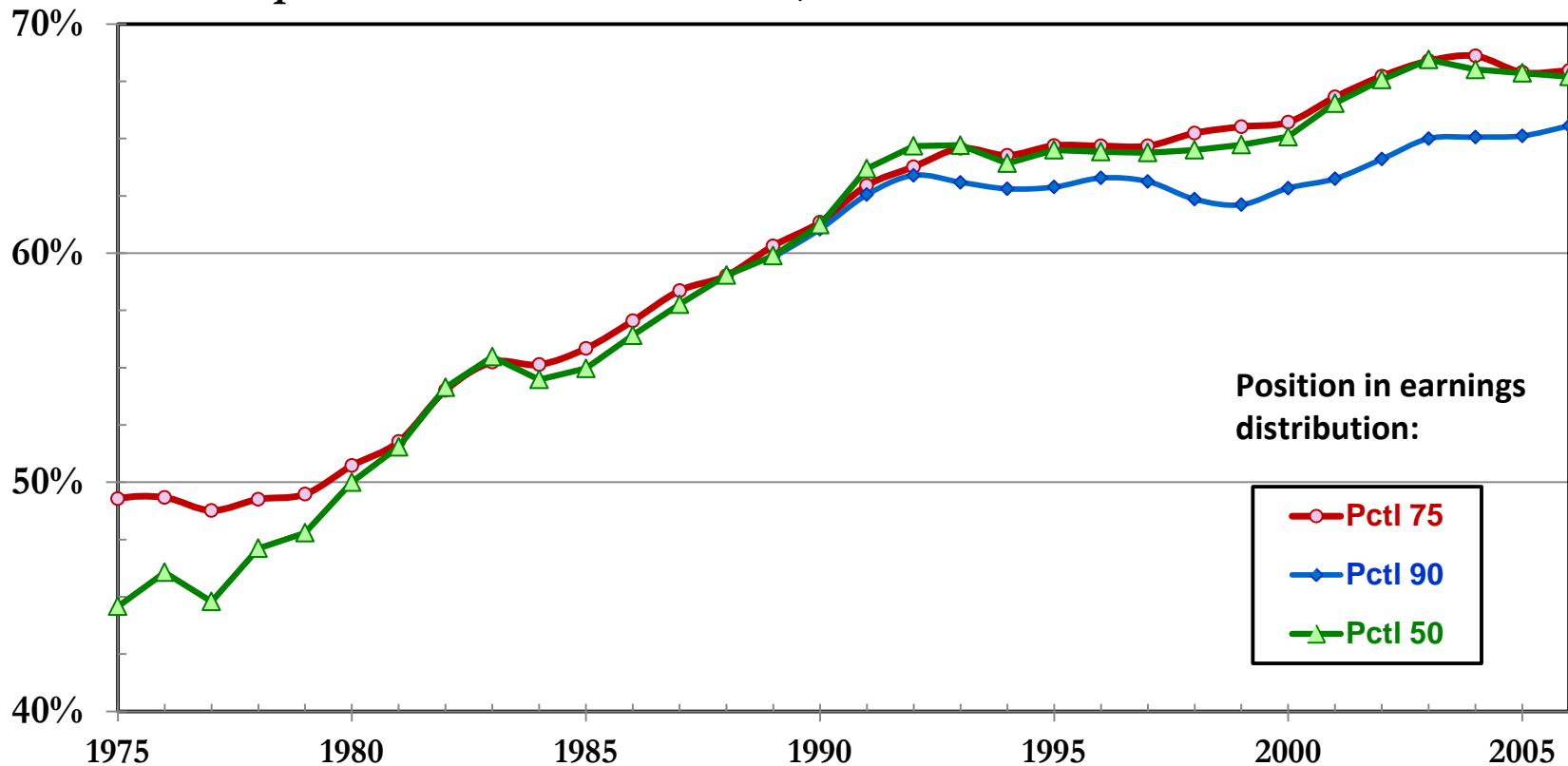
Improvement in career age-earnings profiles of women compared with men: Bottom half of earnings distribution

Ratio of female to male earnings at indicated position of the distribution, 1951-2006



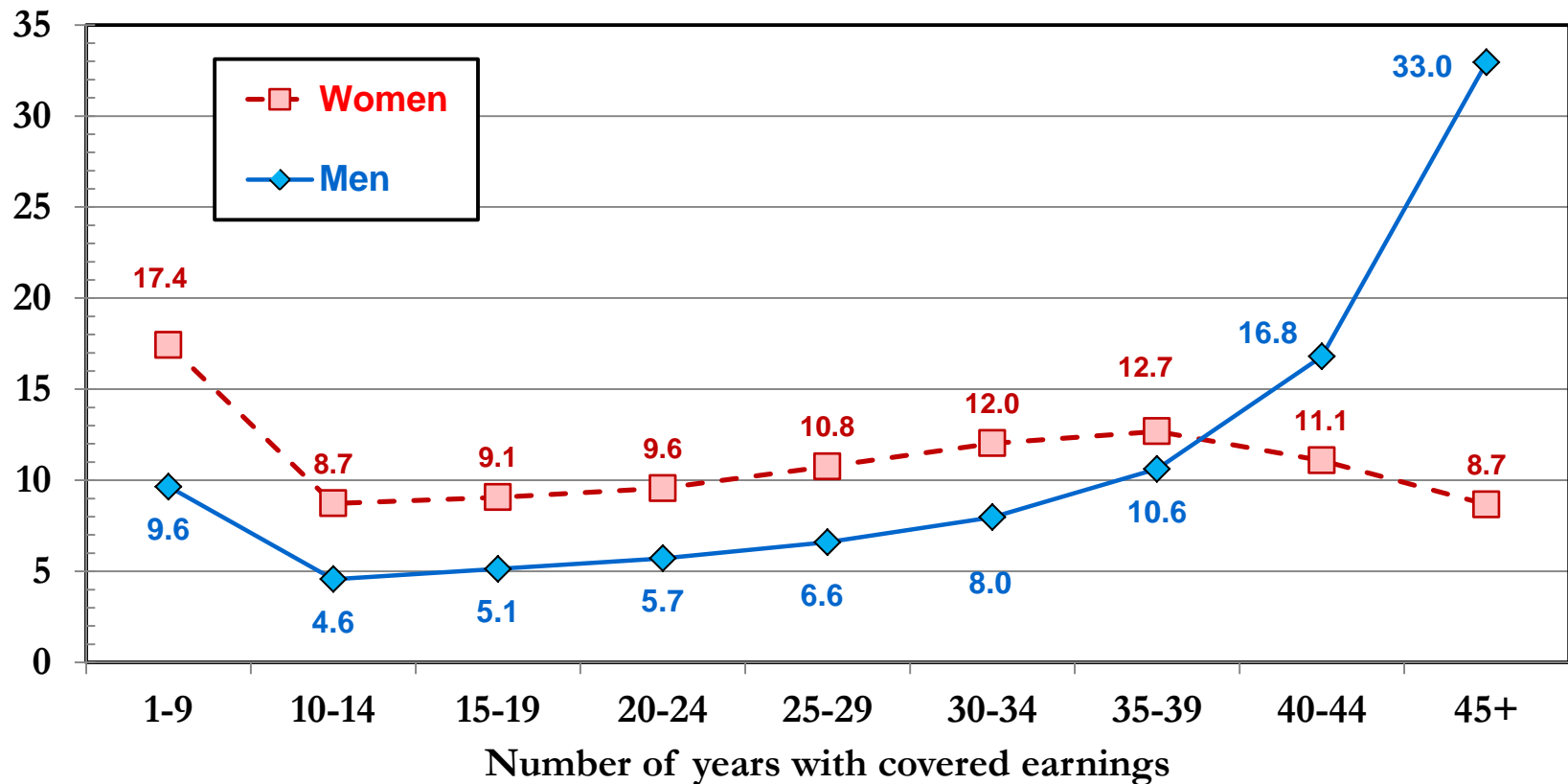
Improvement in career age-earnings profiles of women compared with men: Top half of earnings distribution

Ratio of female to male earnings at indicated position of the distribution, 1975-2006



Length of careers (i.e., years of covered earnings) of workers born 1933-1944, by sex

Percent of all workers who have at least 1 year of Social-Security-covered earnings



Labor force exit rates, by age, among male workers in successive birth cohorts

Percent of men whose last age with covered earnings occurs at the indicated age: **Men who have at least 10 years of covered earnings**



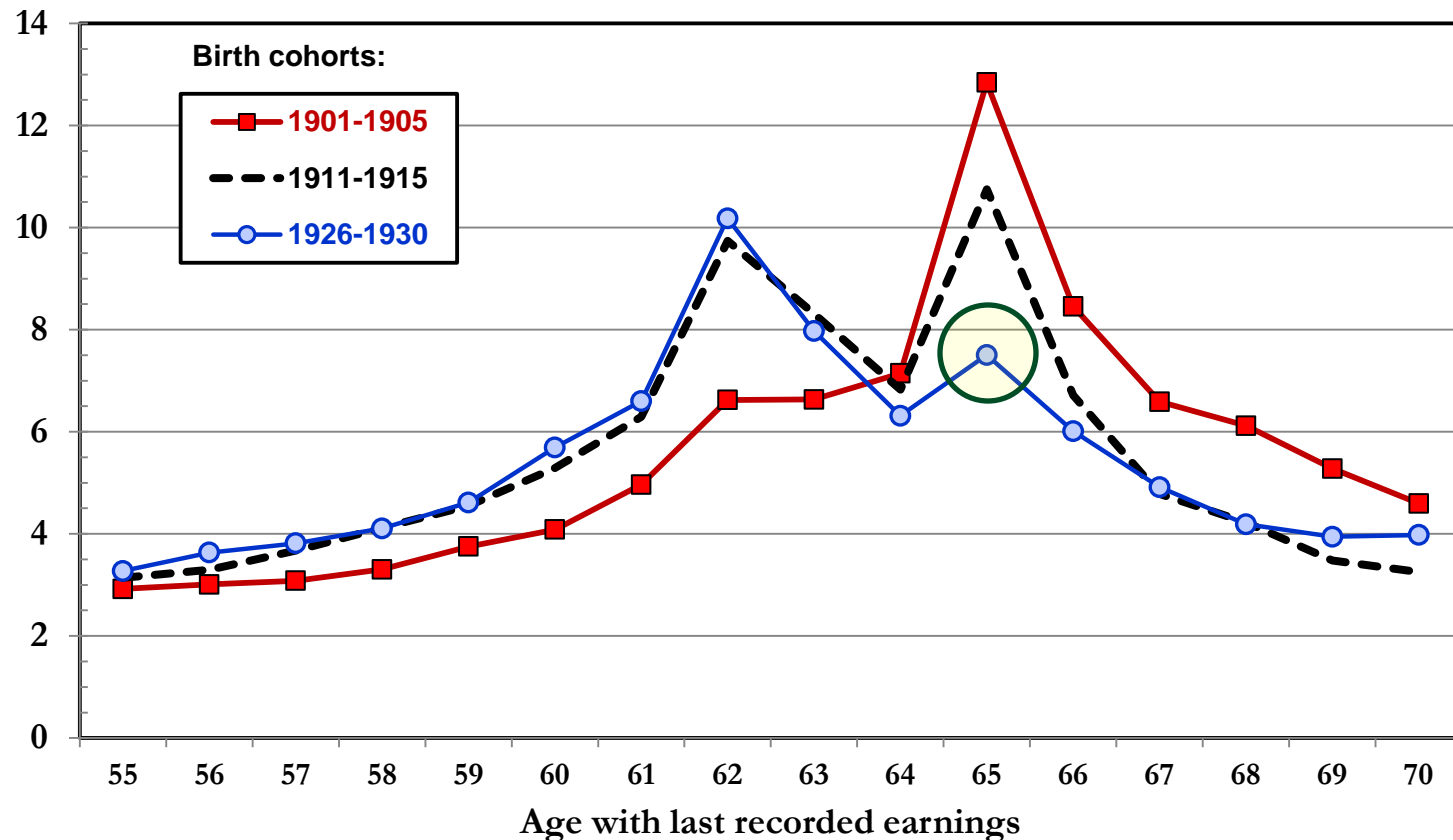
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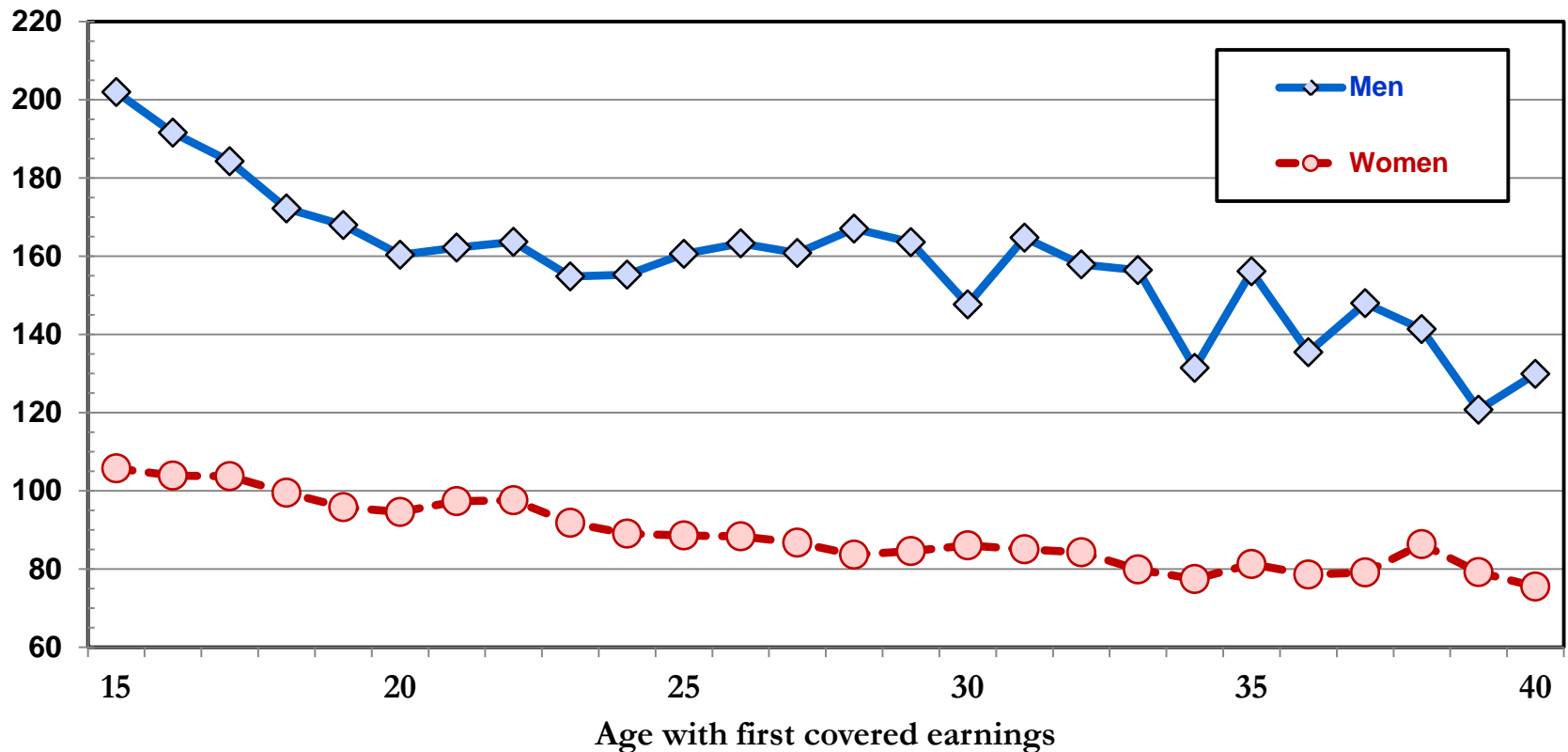
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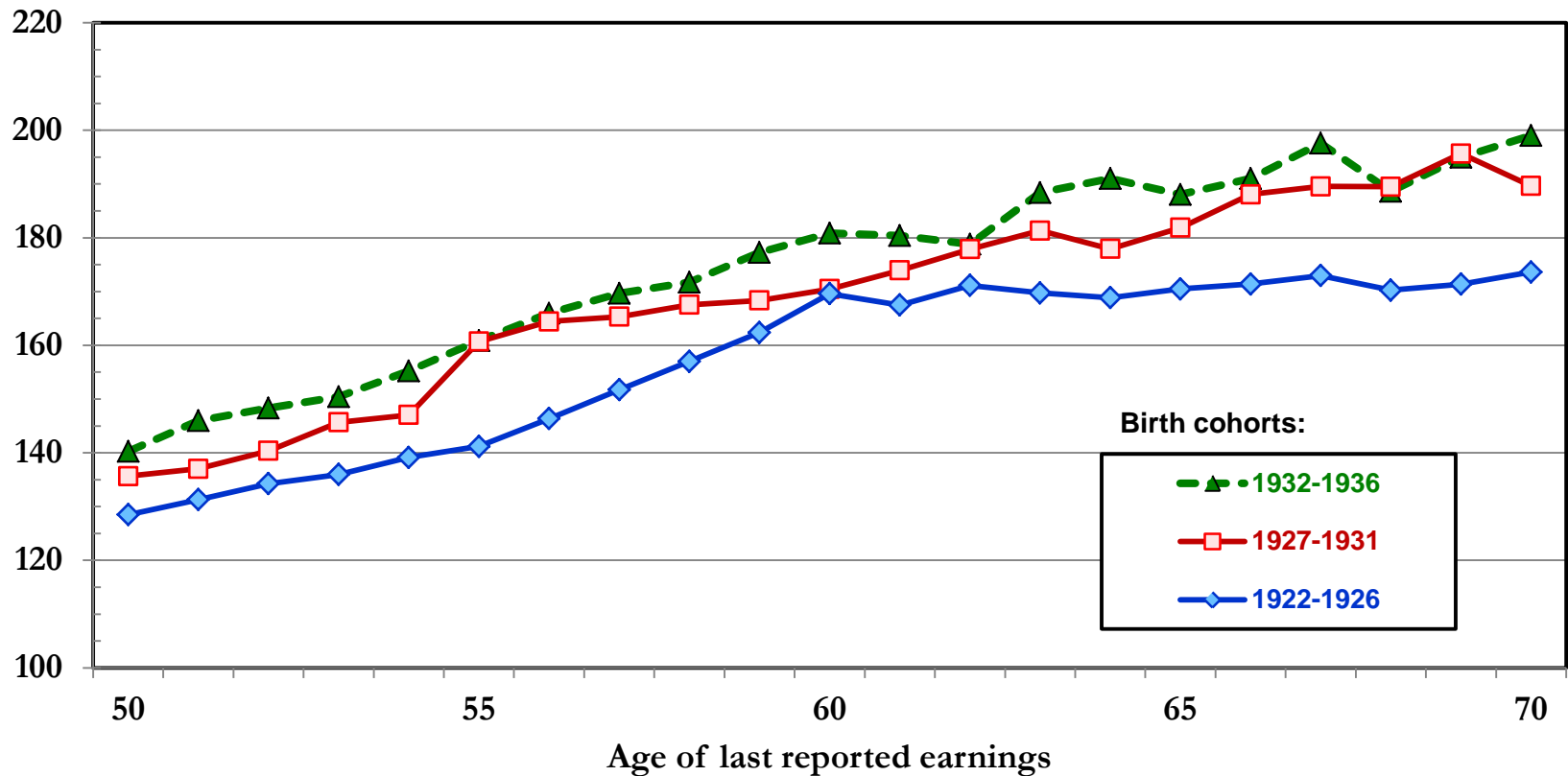
Relation between age of workforce entry and peak career earnings (*Workers born 1936-40*)

Peak earnings, measured as a percent of economy-wide wage in worker's peak earnings year: **Workers with at least 10 years of covered earnings**



Relation between age of workforce exit and peak career earnings (*Men born 1936-40*)

Peak earnings, measured as a percent of economy-wide wage in worker's peak earnings year: Workers with at least 10 years of covered earnings



Relation between age of workforce exit and peak career earnings (*Women born 1936-40*)

Peak earnings, measured as a percent of economy-wide wage in worker's peak earnings year: *Workers with at least 10 years of covered earnings*

