



# LONG-RANGE BENEFICIARY PROJECTION

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# Long-Range Disabled-Worker Beneficiary Projections



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- Disability-worker beneficiaries in current pay as of Dec. 2009 (by age, sex, duration) – 100 percent.
- New entrants to the beneficiary population (by age and sex)
- Exits from the beneficiary population
  - Deaths (by age, sex, duration)
  - Recoveries (by age, sex, duration)
  - Conversions

# New entrants to the beneficiary population - drivers



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- Disability insured population by age and sex
- Disability incidence rates by age and sex
  - For the first 10 years, regression equations using unemployment rates and the prior year's incidence rate.
  - Ultimate age-adjusted incidence rates per 1,000 disability insured (5.76 for men and 5.55 for women) – reached in the 20<sup>th</sup> year of the projection period.

# Deaths and recoveries from the beneficiary population - drivers



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- Base historical deaths and recoveries rates by age, sex, and duration
- Ultimate recovery rates by sex – 20<sup>th</sup> year of the projection period.
- Death rates by age and sex – projected using general population death rates.

# Long-Range Retired-Worker Beneficiary Projections



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- Retired-worker beneficiaries in current pay as of Dec. 2009 (by current age, sex).
- Fully insured population by age and sex
  - Disabled workers who convert by sex.
  - Disabled-worker beneficiaries between ages 62 and NRA and insured widow beneficiaries.
- Age 62 new retired workers – inverse relationship between historical prevalence rates and labor force participation rates.
- Ratio of retired-worker beneficiaries to fully insured population at age 70+ is close to 1.0