



# Basic Funding Formula: B = C + I - E

(Benefits = Contributions + Investment Earnings - Expenses)

### **Benefits**

- WRS benefits established by statute
- Members and their beneficiaries have rights to the benefits provided by law

## **Expenses**

 Administrative expenses are paid from the investment earnings of the trust fund and remain low in comparison to other public retirement systems



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# **Funding Sources**

There are two sources of WRS funding:

- 1. Contributions
- 2. Investment earnings



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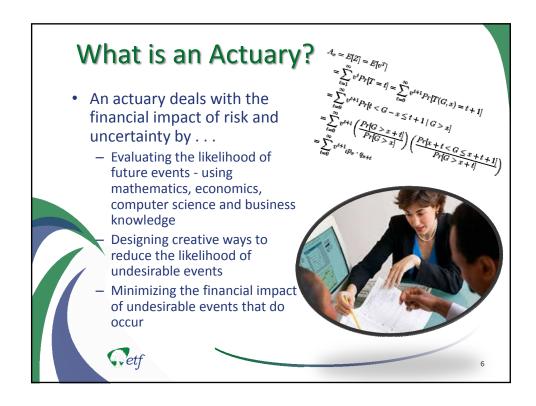
ETF Board has a fiduciary responsibility to assure sufficient assets are available to pay benefits

When investment returns are high, contribution rates decrease



When investment returns are low, contribution rates increase

Each year the consulting actuary analyzes data provided by ETF and recommends contribution rate changes



# **ETF Actuaries**

- Provide reports and recommendations regarding financial aspects of the WRS based on WI Stat. §40.04(1)(d)
  - Annual Valuation of Retired and Active Lives:
    - Used to recommend WRS annuity adjustments and contribution rates to ETF Board
  - Three-Year Experience Study reviews actuarial assumptions used by the WRS and compares:
    - Current assumptions against the actual experience of the WRS
    - Trends regarding mortality, disability, retirement, separation, interest, employee earnings, and other factors deemed pertinent
  - Gain/Loss Analysis:
    - Measures differences between actual and assumed experience in each risk area



ETF INTERNAL CONTROLS:

Methods used by actuary are

audited every 5 years by a separate actuary

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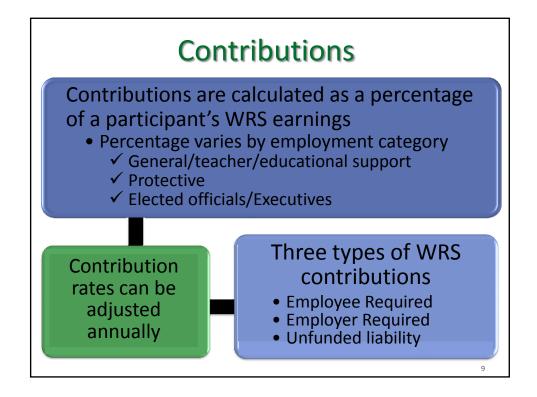
# The Three Reserves

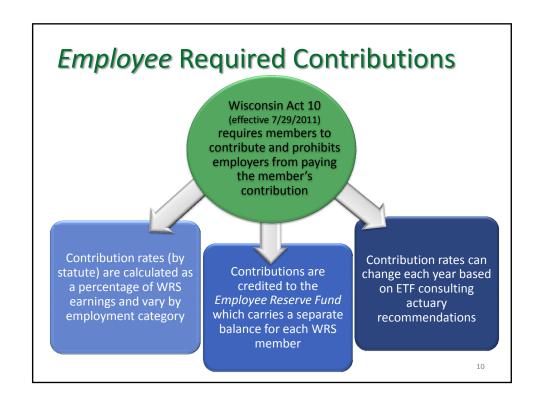
- 1. Employee Reserve (Employee Required contributions)
  - Each member carries an individual balance:
    - Includes Voluntary Additional Contributions (if applicable)
- 2. Employer Reserve (Employer Required contributions)
  - No individual member or employer accounts
- 3. Annuity Reserve The fund from which all WRS annuities are paid
  - When members retire, funds needed to pay annuities for projected lifetimes are transferred from the Employee/Employer reserves to the annuity reserve

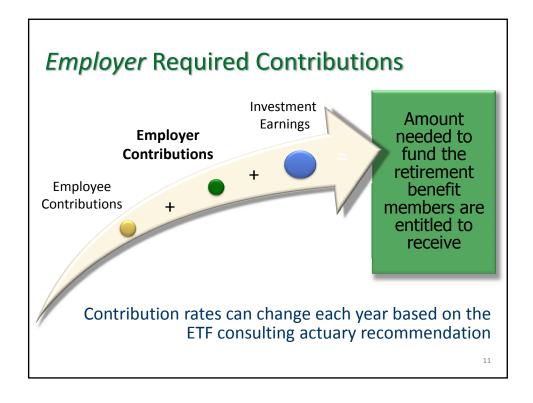


Each reserve is credited with annual interest

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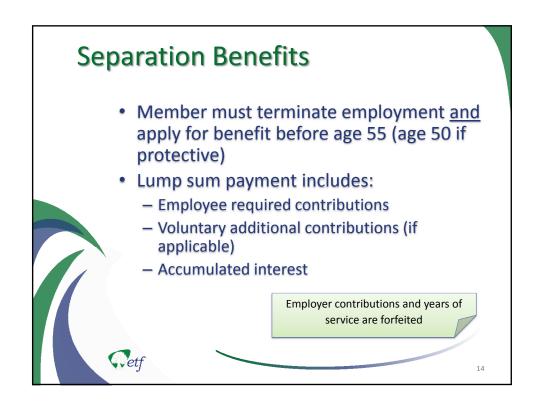


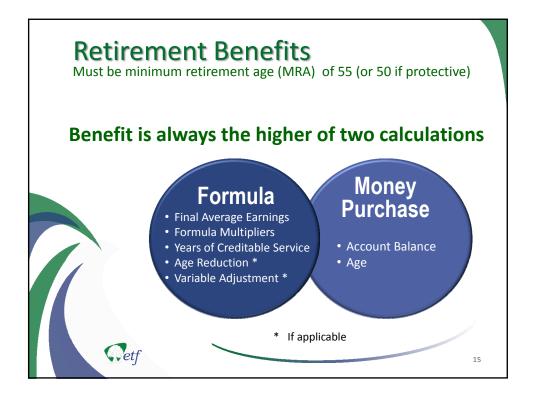














# Survivor (Death) Benefits Active death benefit Employee and employer required contributions Additional contributions (if applicable) Accumulated interest Inactive death benefit Employee contributions Additional contributions (if applicable) Accumulated interest Annuitants Whether a benefit is payable and the amount is based on the annuity payment option selected at retirement

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