

Retirement System Review

Board of Supervisors Personnel Committee Meeting

Philip Hagen, Budget Services Coordinator

October 3, 2017

Agenda

- Application of Potential Benefit Changes
- Tentative Timeline
- Impact of Cost Savings on Contribution Rates
- Potential Plan Design Changes for New Hires
 - Retirement Eligibility Requirements
 - Option 1 Rule of 90 (ERS)
 - Option 2 Minimum Retirement Age of 60 (ERS) and 50 (URS/PORS)
 - Salary Averaging Period
 - Option 3 5-Year Salary Averaging Period (All)
 - Pre-Social Security Supplement
 - Option 4 Eliminate Pre-Social Security Supplement (ERS/URS)
 - Option 5 Limit Pre-Social Security Supplement to 5 (ERS) and 7 (URS) Years
 - Retiree Cost-of-Living Adjustments
 - Option 6 Limit Application of Retiree COLA (All)
- Examples of Packages of Changes
- Discussion

Application of Potential Benefit Changes

 If changes are approved by the Board, they would apply to new employees hired on or after January 1, 2019

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- No benefit changes for current employees or retirees
- Following Board direction, staff is working to improve the knowledge transfer process during DROP. The policy changes necessary to provide greater focus on succession planning during DROP will impact employees' responsibilities during DROP but will not impact the benefit structure for current employees.
- If a feasible structure for a pre-Social Security supplement buyout can be established and is approved by the Board of Supervisors, then current employees would be able to decide whether to participate in the program or continue under the current benefit structure.

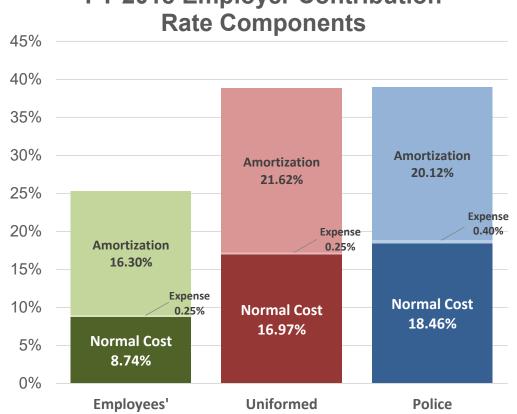
Tentative Timeline

- Fall 2017 Spring 2018
 - Engagement with employees
 - Discussions with FCPS
 - Review/discussion of changes to plans by a subcommittee of the Board
- Summer/Fall 2018 Implementation of changes in code
- Changes effective for new hires on or after January 1, 2019

Breakdown of Employer Contributions

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- The chart on the right shows the estimated components of the FY 2018 **Employer Contribution Rates**
- The Normal Cost represents the benefits accrued by active employees each year
- Changes made to the retirement systems will only impact the Normal Cost components
- The Normal Cost components shown represent the blended values of the preand post-2013 plans

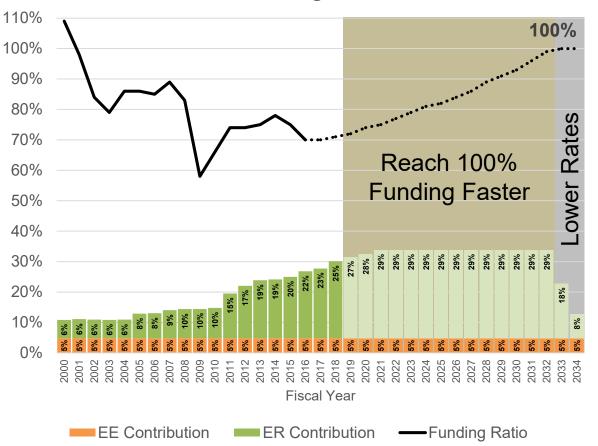


FY 2018 Employer Contribution

Impact of Cost Savings on Contribution Rates

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- For changes to the retirement systems that only impact new hires, savings will accrue gradually as new employees are hired under the new plans
- Following the Board's adopted retirement funding policy, the employer contribution rates will not be reduced until each plan is fully funded
- Prior to full funding, savings from any changes will result in either:
 - Mitigation of other factors that put upward pressure on the employer contribution rates
 - Faster progress toward full funding of the systems
- After the systems are fully funded:
 - The employer contribution rate will be reduced to the Normal Cost
 - Savings from changes will be realized as a lower Normal Cost

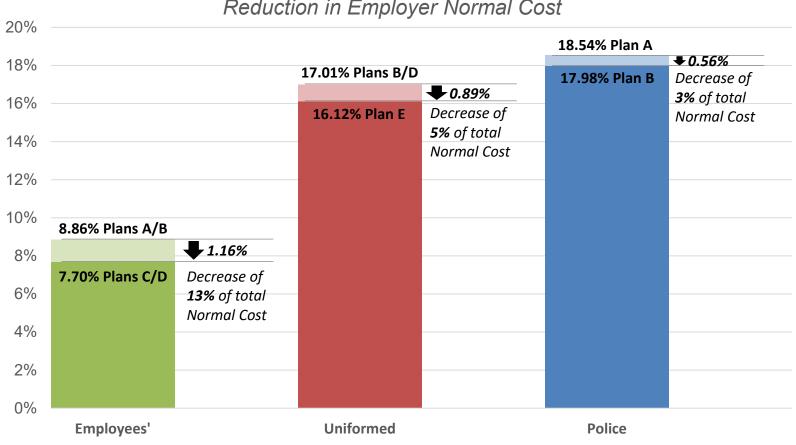


FY 2000 through FY 2034

Impact of Cost Savings on Contribution Rates

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- The chart on the right shows the reduction in Normal Cost that will eventually occur as a result of the January 2013 changes to the systems
- Savings related to new plan design changes will impact these reduced Normal Costs



January 2013 Changes Reduction in Employer Normal Cost

Potential Plan Design Changes

- The options presented in the following slides are not an exhaustive list of potential plan design changes. Additional options that could be explored with actuarial analysis of their cost impact include:
 - Reduced multiplier for new hires
 - Capped benefit level for new hires
 - Use of sick leave for retirement purposes for new hires
 - Increased employee contribution rate for new hires
 - Wage types included in benefit calculation for new hires
 - Optional buy-out of pre-Social Security supplement for existing employees



Retirement Eligibility Requirements

Potential Plan Design Changes for New Hires

Retirement Eligibility Comparison

General Employees

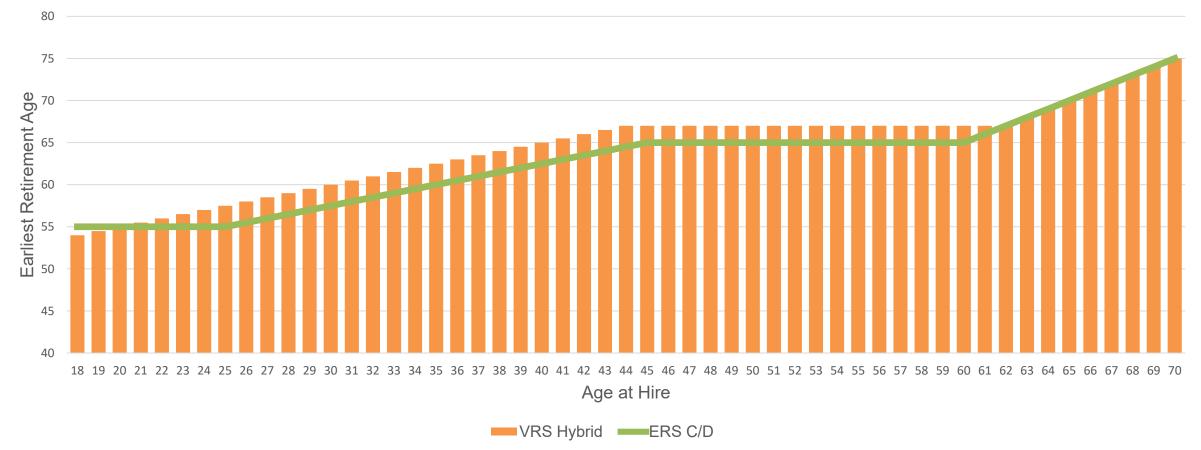
Jurisdiction	Retirement Eligibility	Minimum Retirement Age
Fairfax County Employees Retirement System (ERS) Plans C/D	Rule of 85 -or- Age 65 with 5 Years of Service	55
Virginia Retirement System (VRS) Hybrid Plan (Alexandria, FCPS, Loudoun, Prince William)	Rule of 90 -or- Normal Social Security Retirement Age with 5 Years of Service	None
Federal Government (FERS)	Minimum Retirement with 30 Years of Service -or- Age 60 with 20 Years of Service -or- Age 62 with 5 Years of Service	55 - 57
Arlington County	Rule of 80 -or- 30 Years of Service -or- Age 62 with 5 Years of Service	None

Retirement Eligibility Comparison

General Employees

Earliest Retirement Age by Age at Hire

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Retirement Eligibility Comparison

Public Safety Employees

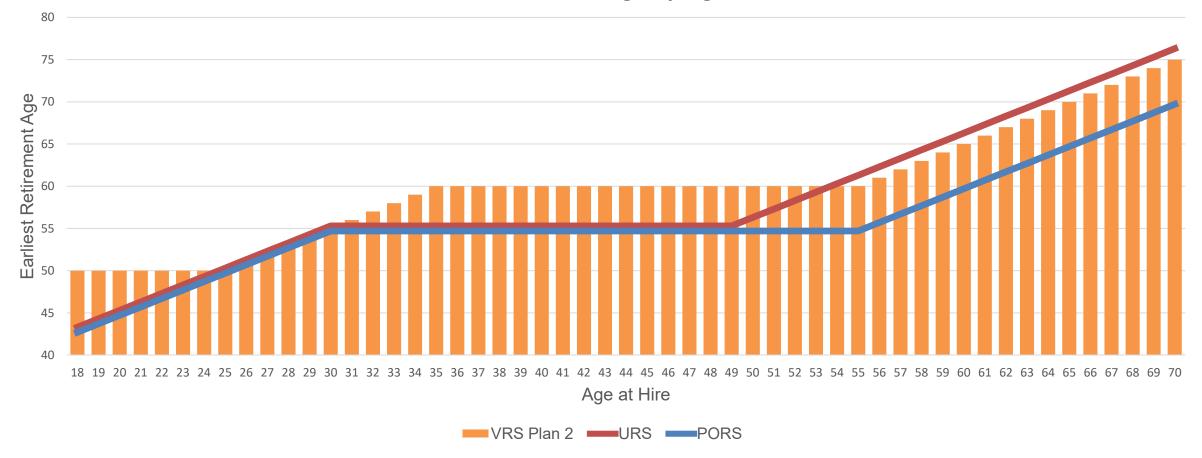
Jurisdiction	Retirement Eligibility	Minimum Retirement Age
Fairfax County Uniformed Retirement System (URS) Plan E	25 Years of Service -or- Age 55 with 6 Years of Service	None
Fairfax County Police Officers Retirement System (PORS) Plan B	25 Years of Service -or- Age 55	None
Virginia Retirement System (VRS) Plan 2 (Loudoun, Prince William)	25 Years of Service -or- Age 60 with 5 Years of Service	50
Federal Government (FERS)	20 Years of Service	50
City of Alexandria	25 Years of Service -or- Age 55 with 5 Years of Service	50
Arlington County	25 Years of Service -or- Age 52 with 5 Years of Service	None

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Retirement Eligibility Comparison

Public Safety Employees

Earliest Retirement Age by Age at Hire





Option 1: Rule of 90 (ERS)

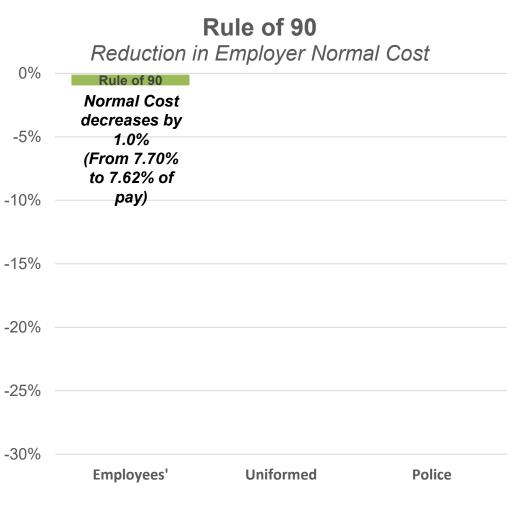
Potential Plan Design Changes for New Hires



Potential Change for New Hires

Rule of 90 in the Employees' System

- Increase the Rule of 85 (Age + Service) to the Rule of 90 to match VRS
- Applies only to ERS
 - Estimated to impact 73% of new hires
- Employees would typically be required to work for 2.5 more years prior to retirement
- Annuity payments would increase due to:
 - Greater years of service
 - Higher final average salary

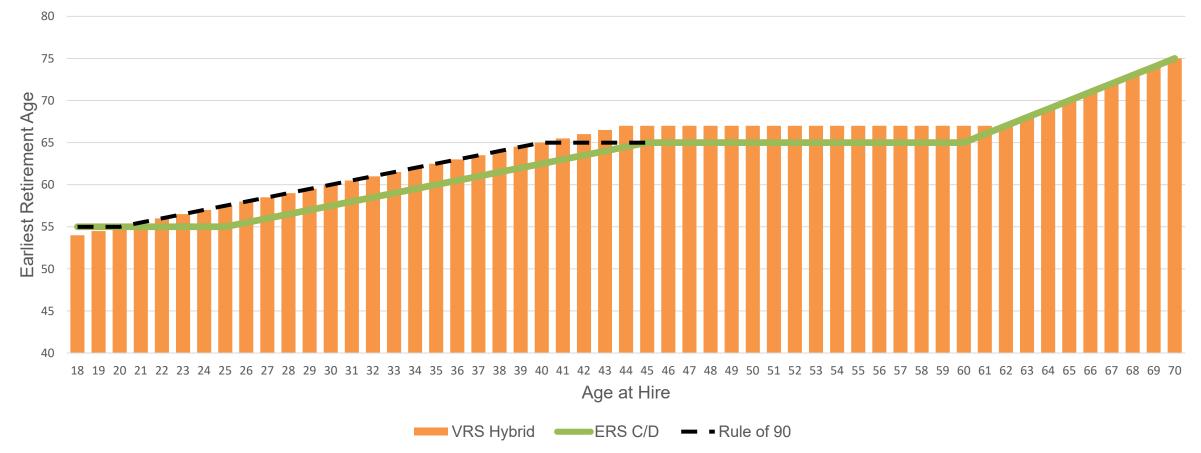


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Retirement Eligibility Comparison

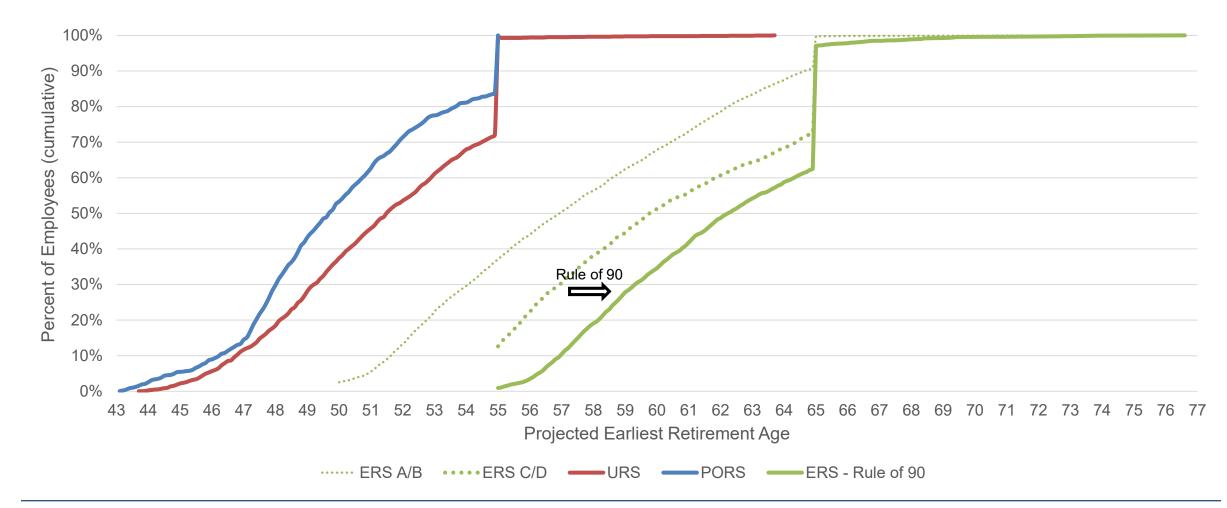
General Employees – Rule of 90

Earliest Retirement Age by Age at Hire



Rule of 90

Projected Impact on Future New Hire Population



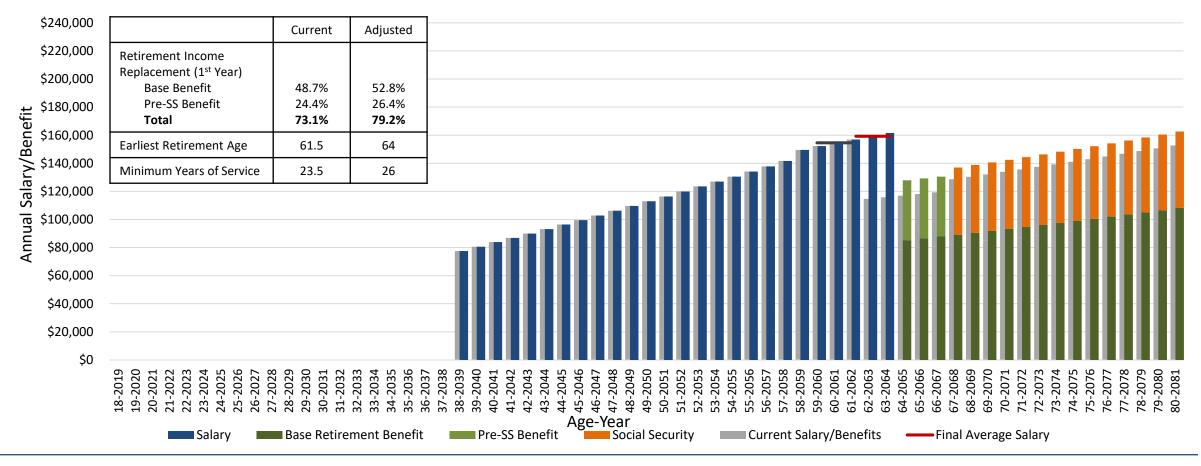
Employees' Retirement System

Rule of 90: Average Age Hire

- New Hire in 2039 at Age 38, Hired at 24% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary Assumes 1.5% Market Rate Adjustments and full funding of pay plan
- each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire

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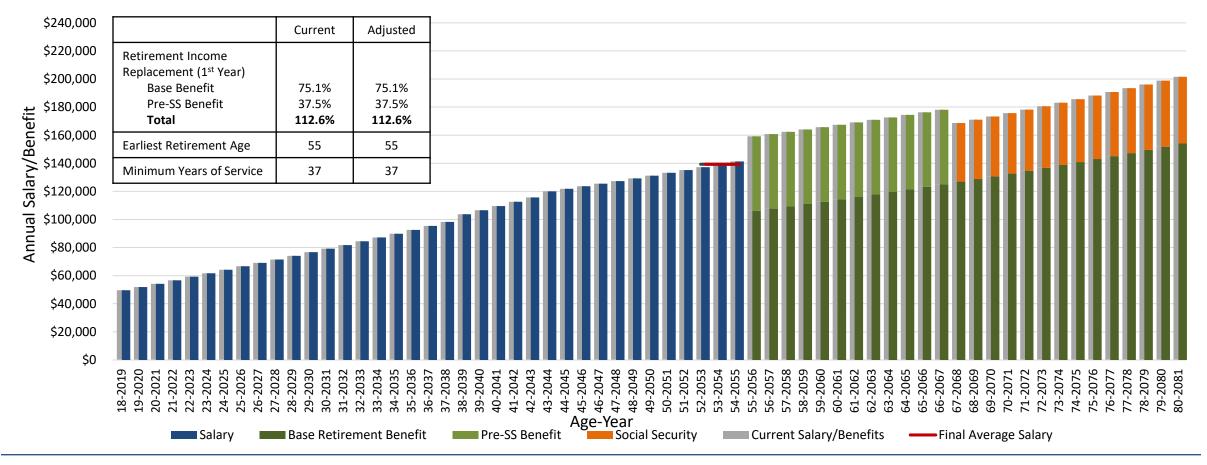
Employees' Retirement System

Rule of 90: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at 0% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Age 18 New Hire

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Option 2: Minimum Retirement Age of 60 (ERS) and 50 (URS/PORS)

Potential Plan Design Changes for New Hires



Potential Change for New Hires

Increase/Establish Minimum Retirement Age

- Increase age to 60 in ERS, exceeding VRS requirements
 - Estimated to impact 51% of new hires
- Establish age of 50 in URS and PORS to match VRS
 - Estimated to impact 36% of new hires in URS
 - Estimated to impact 53% of new hires in PORS
- Employees would be required to work up to 5 (ERS) or 7 (URS/PORS) more years prior to retirement
- Annuity payments would increase due to:
 - Greater years of service
 - Higher final average salary

Minimum Retirement Age

Reduction in Employer Normal Cost

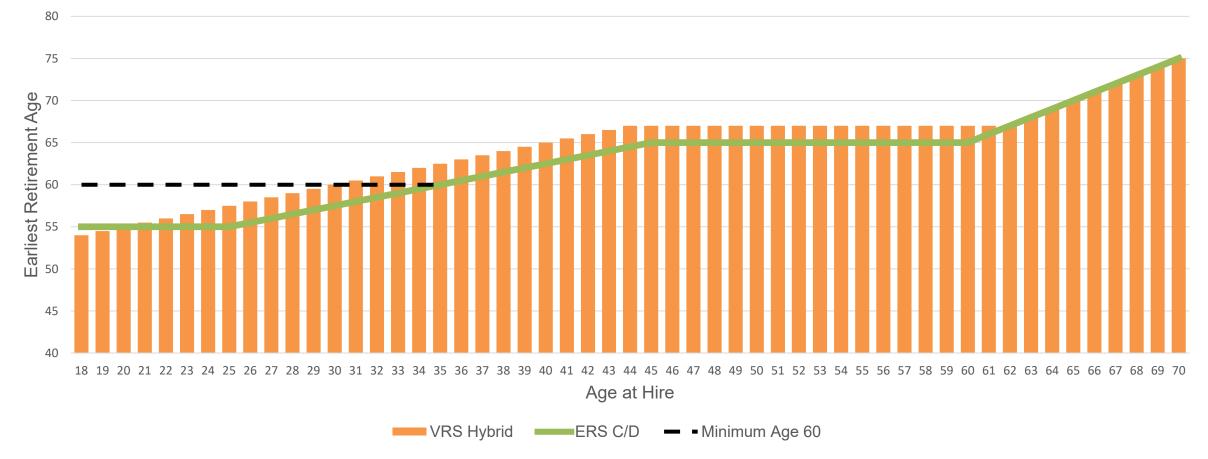
0% –	Inc Min Age	Add Min Age	Add Min Age
-5% -	Normal Cost decreases by 2.9%	Normal Cost decreases by 1.6%	Normal Cost decreases by 3.9%
10% –	(From 7.70% to 7.48% of pay)	(From 16.12% to 15.86% of pay)	(From 17.98% to 17.27% of pay)
15% -			
20% –			
25% –			
30% -			

Retirement Eligibility Comparison

General Employees – Minimum Retirement Age 60

Earliest Retirement Age by Age at Hire

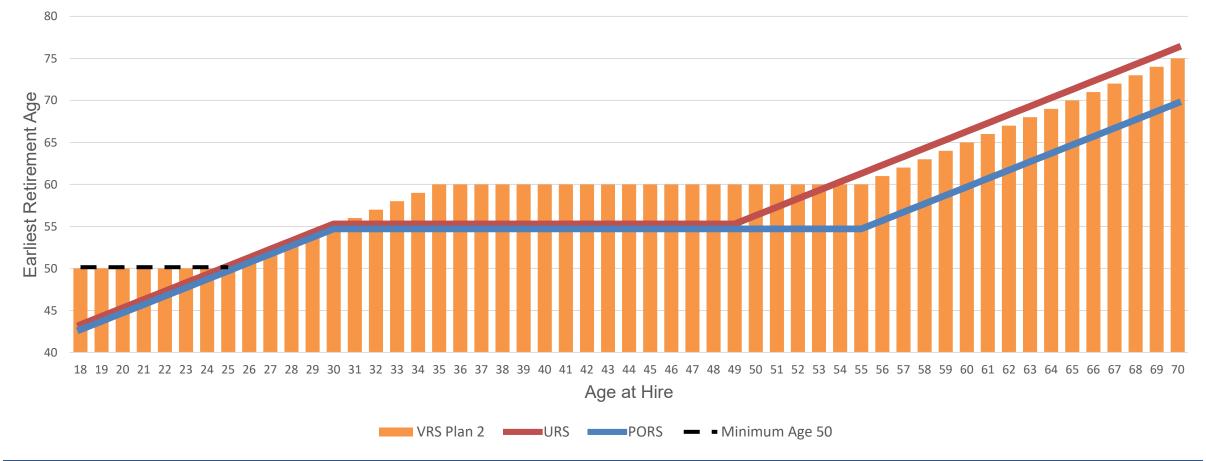
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Retirement Eligibility Comparison

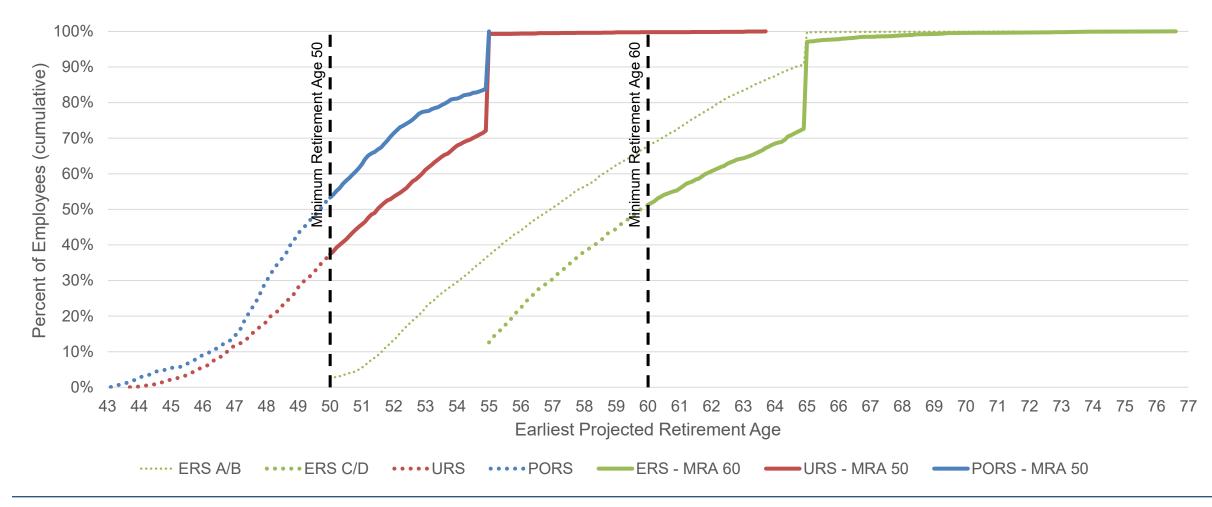
Public Safety Employees – Minimum Retirement Age 50

Earliest Retirement Age by Age at Hire



Minimum Retirement Age Changes

Projected Impact on Future New Hire Population



Employees' Retirement System

Minimum Retirement Age 60: Average Age Hire

- New Hire in 2039 at Age 38, Hired at 24% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
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- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire

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Uniformed Retirement System

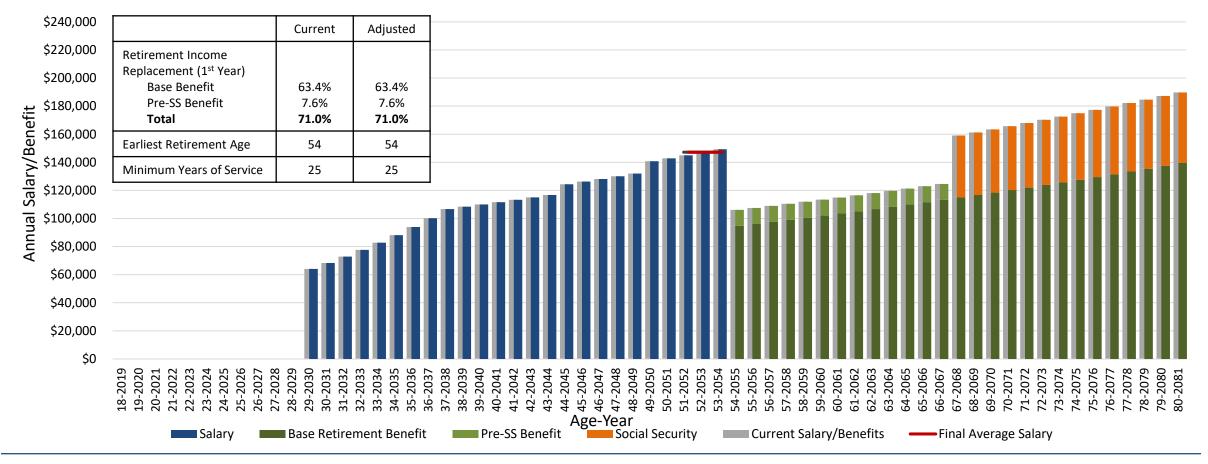
Minimum Retirement Age 50: Average Age Hire

New Hire in 2030 at Age 29, Hired at Step 1

- Assume F-18 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
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Projected Retirement Benefit Based on Average New Hire

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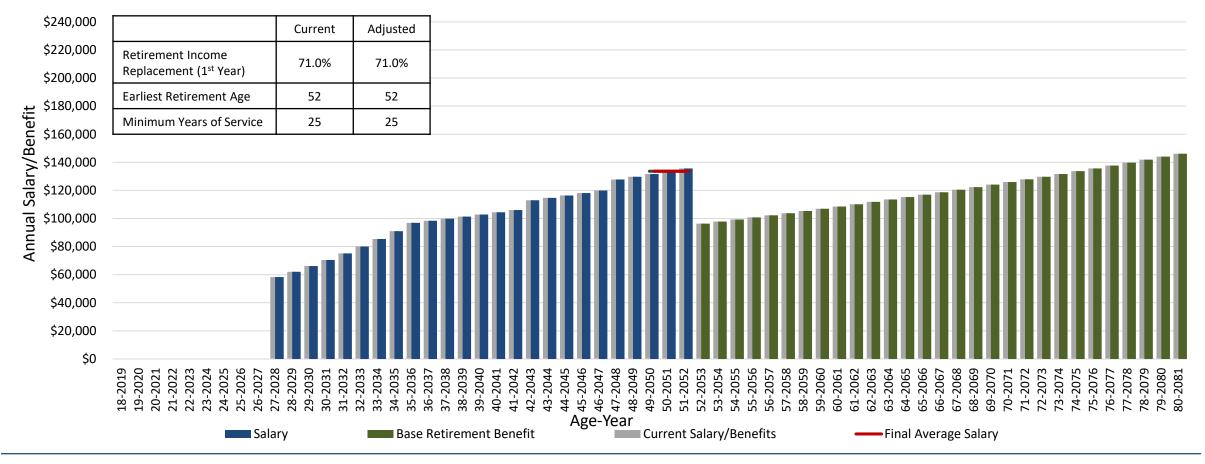


Police Officers Retirement System

Minimum Retirement Age 50: Average Age Hire

- New Hire in 2028 at Age 27, Hired at Step 1
- Assume O-17 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire

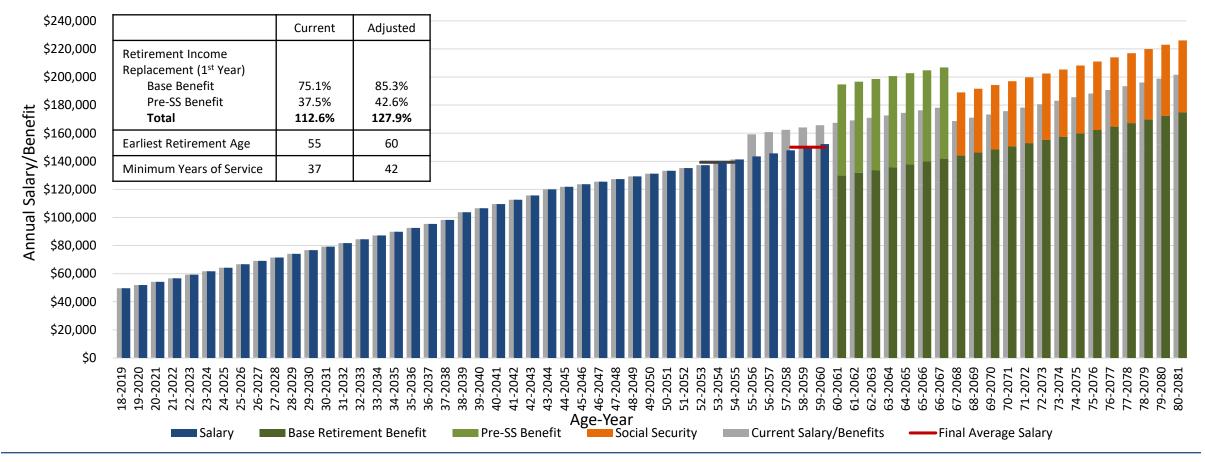


Employees' Retirement System

Minimum Retirement Age 60: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at 0% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Age 18 New Hire



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Retirement System Review

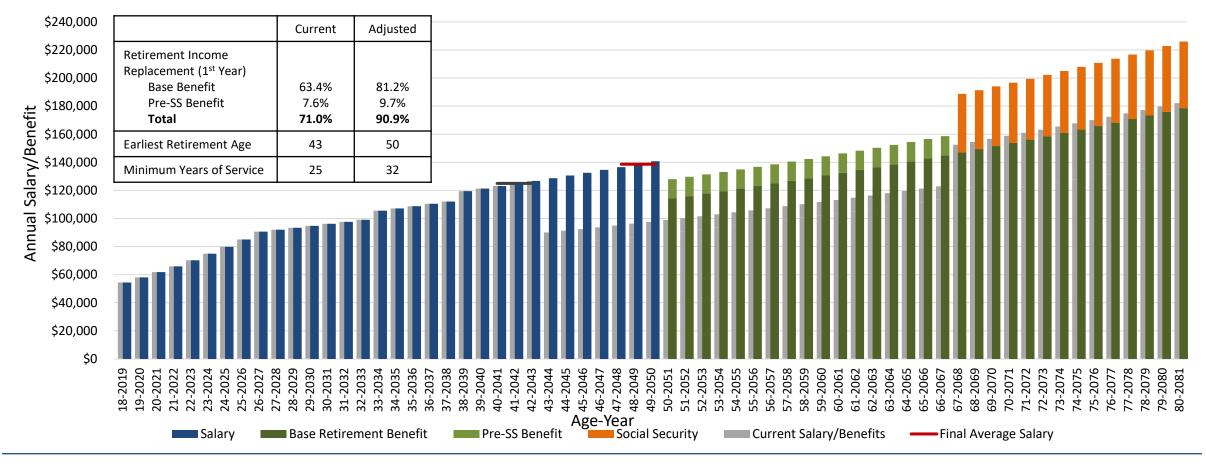
Uniformed Retirement System

Minimum Retirement Age 50: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at Step 1
- Assume F-18 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
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Projected Retirement Benefit Based on Age 18 New Hire

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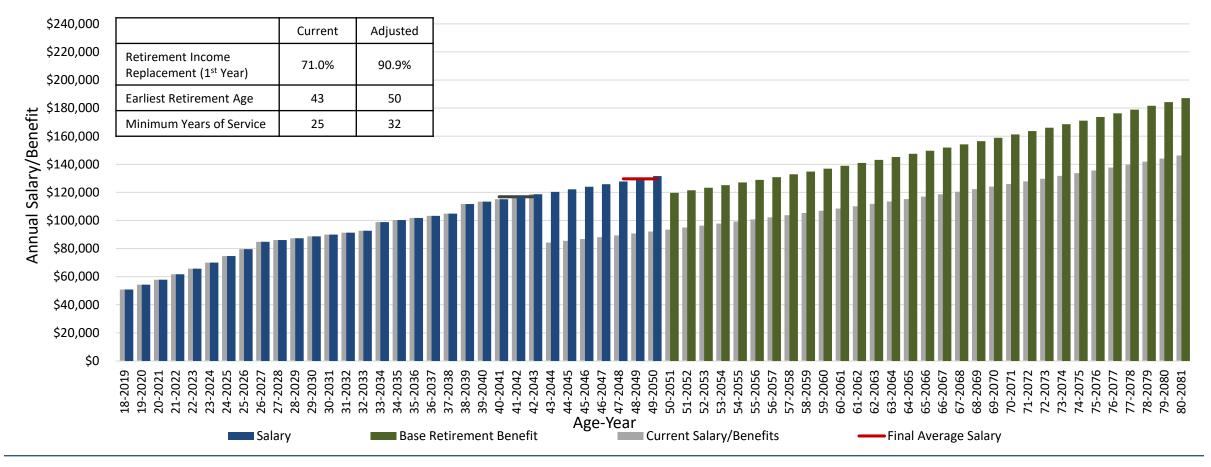
Retirement System Review

Police Officers Retirement System

Minimum Retirement Age 50: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at Step 1
- Assume O-17 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
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Projected Retirement Benefit Based on Age 18 New Hire





Option 1 and 2 Combined Impact: Rule of 90 and Minimum Retirement Age of 60 (ERS)

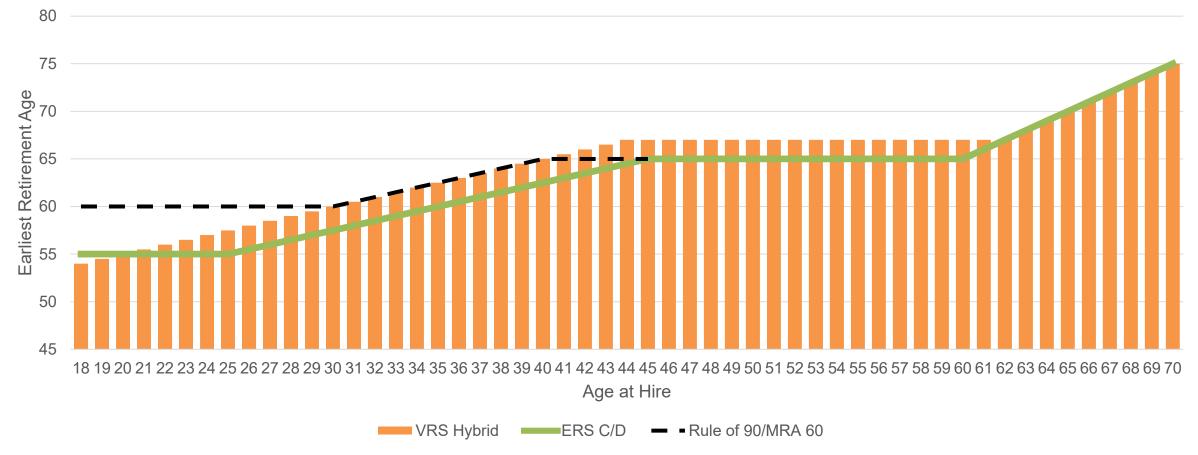
Potential Plan Design Changes for New Hires

Retirement Eligibility Comparison

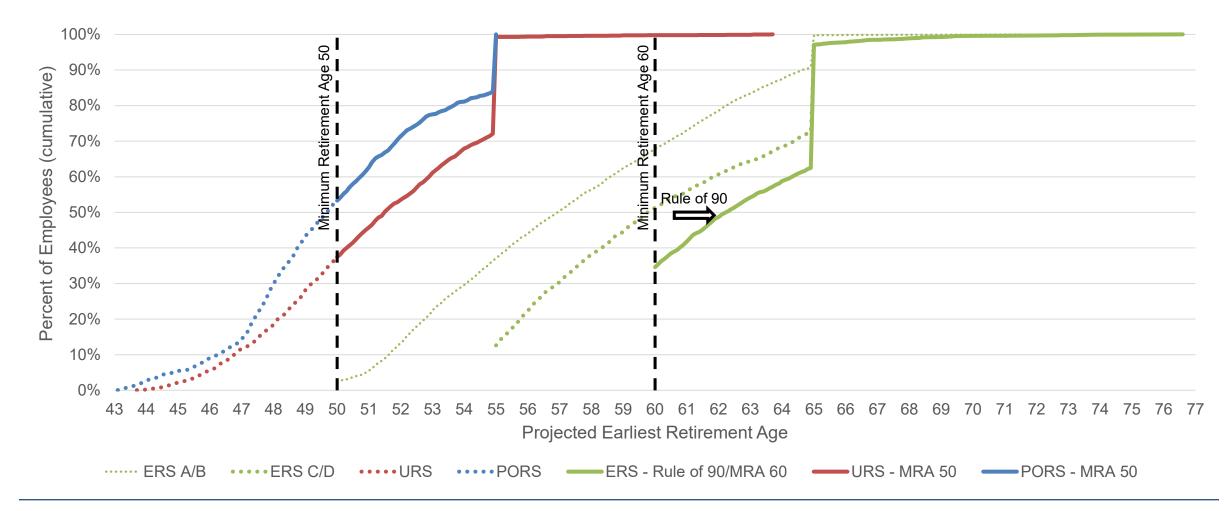
General Employees – Rule of 90 and Minimum Retirement Age 60

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Earliest Retirement Age by Age at Hire

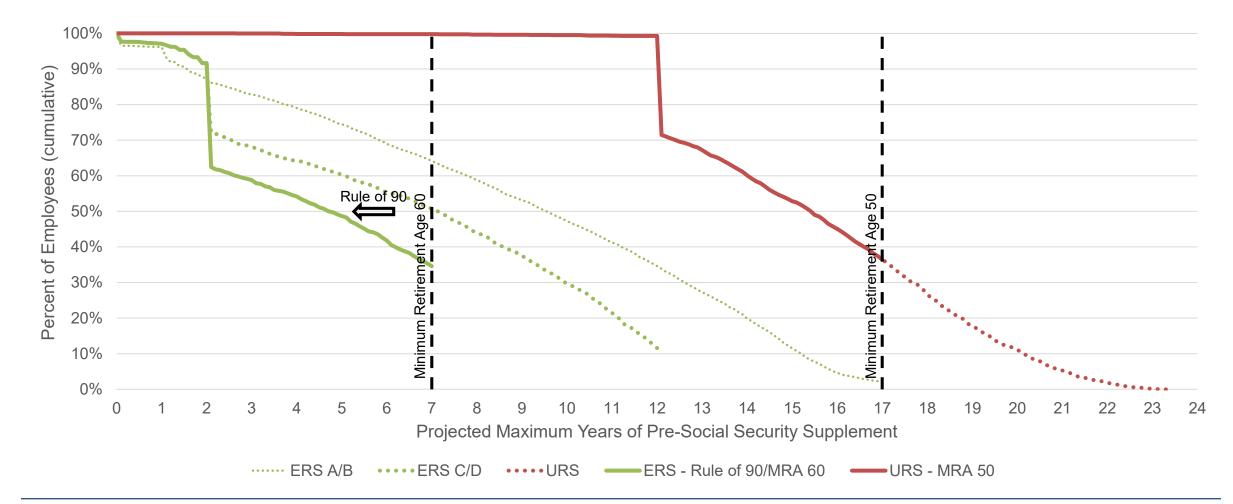


Rule of 90 and Minimum Retirement Age Changes Projected Impact on Future New Hire Population



Rule of 90 and Minimum Retirement Age Changes

Projected Impact to Pre-SS Supplement for Future New Hire Population





Salary Averaging Period

Potential Plan Design Changes for New Hires

Salary Averaging Period General Employees

Jurisdiction	Salary Averaging Period
Fairfax County Employees Retirement System (ERS) Plans C/D	3 years
Virginia Retirement System (VRS) Hybrid Plan	5 years
Federal Government (FERS)	3 years
Arlington County	3 years

Salary Averaging Period Public Safety Employees

Jurisdiction	Salary Averaging Period
Fairfax County Uniformed Retirement System (URS) Plan E	3 years
Fairfax County Police Officers Retirement System (PORS) Plan B	3 years
Virginia Retirement System (VRS) Plan 2	5 years
Federal Government (FERS)	3 years
City of Alexandria	4 years
Arlington County	3 years



Option 3: 5-Year Salary Averaging Period (All)

Potential Plan Design Changes for New Hires



Potential Change for New Hires

5-Year Salary Averaging Period

- Increase salary averaging period from highest 3 consecutive years to highest 5 consecutive years
 - Impacts all new hires
- Annuity payments would decrease due to 4th and 5th highest years of earnings being included in average
- Retirement-eligible employees may decide to defer retirement longer following a promotion

5-Year Salary Averaging

Reduction in Employer Normal Cost

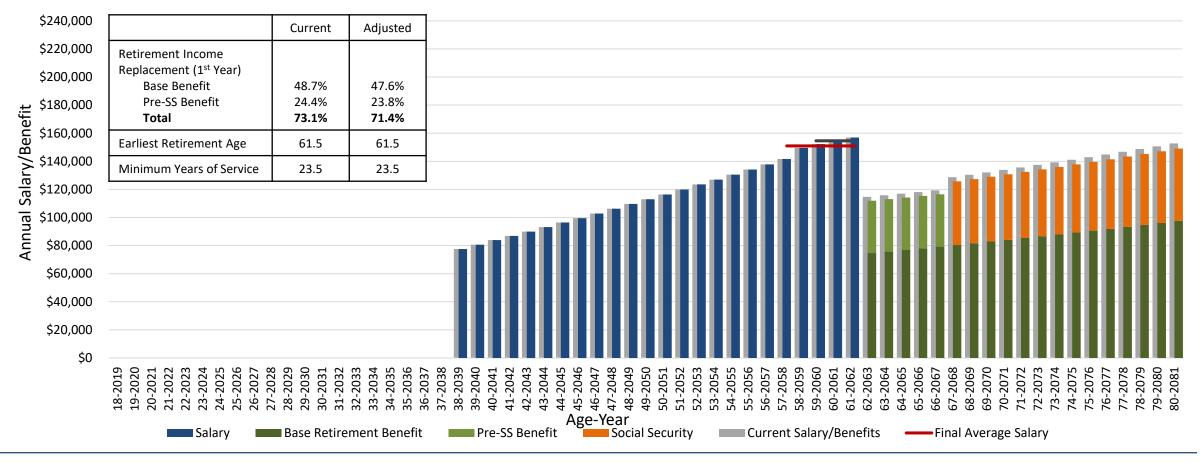
5 Year Avg	5 Year Avg	5 Year Avg
Normal Cost decreases by 4.7%	Normal Cost decreases by 5.2%	Normal Cost decreases by 4.4%
(From 7.70% to 7.34% of pay)	(From 16.12% to 15.28% of pay)	(From 17.98% to 17.19% of pay)
		,
Employees'	Uniformed	Police

Employees' Retirement System

Five-Year Final Average Salary: Average Age Hire

- New Hire in 2039 at Age 38, Hired at 24% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire



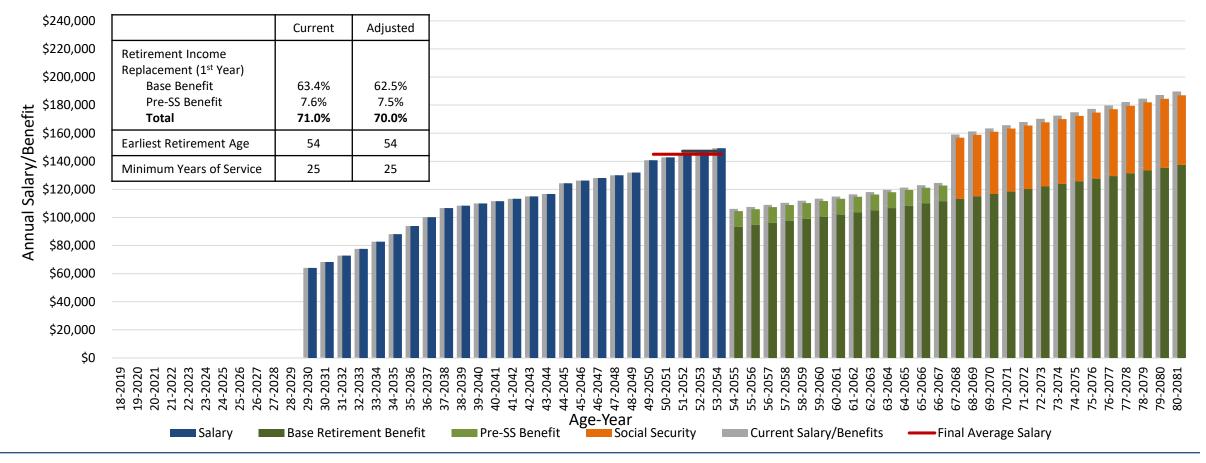
Uniformed Retirement System

Five-Year Final Average Salary: Average Age Hire

- New Hire in 2030 at Age 29, Hired at Step 1
- Assume F-18 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- · Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire

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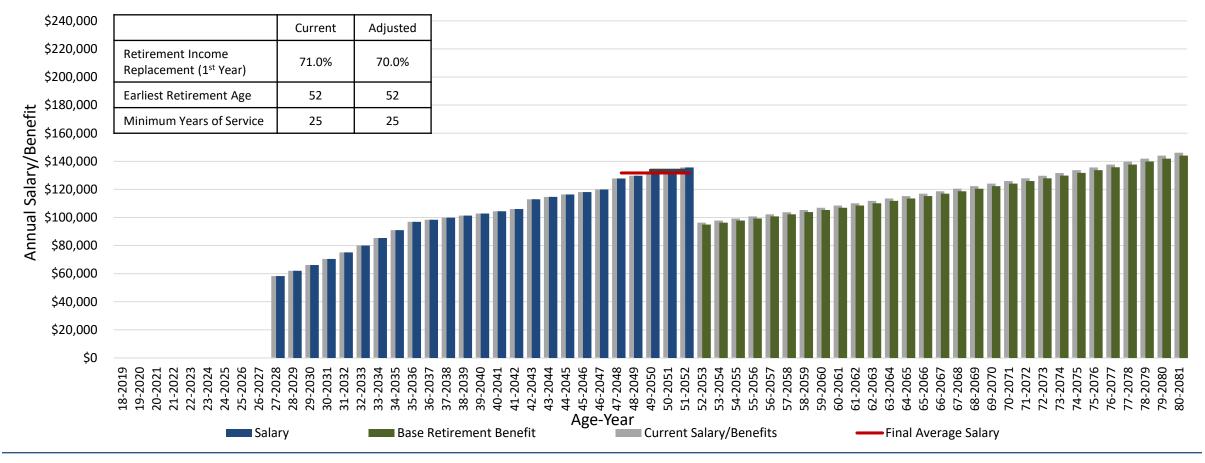


Police Officers Retirement System

Five-Year Final Average Salary: Average Age Hire

- New Hire in 2028 at Age 27, Hired at Step 1
- Assume O-17 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
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- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire





Pre-Social Security Supplement

Potential Plan Design Changes for New Hires

Pre-Social Security Supplement

General Employees

Jurisdiction	Social Security Leveling
Fairfax County Employees Retirement System (ERS) Plans C/D	Supplement ¹
Virginia Retirement System (VRS) Hybrid Plan	Option ²
Federal Government (FERS)	Supplement ³
Arlington County	Option ⁴

¹ The pre-Social Security supplement in the Fairfax County ERS is provided to normal service retirees from the date of retirement until they reach normal Social Security retirement age. The supplement is calculated using a benefit multiplier of 1.0%.

² Employees covered under the VRS Hybrid Plan may elect the Advance Pension Option at retirement. Under this option, the VRS annuity is temporarily increased until an age of the retiree's choosing, between the ages of 62 and the retiree's normal Social Security retirement age. The VRS annuity is permanently reduced once the retiree reaches the specified age.

³ Under the Federal Employees Retirement System (FERS), an annuity supplement is paid until age 62 to retirees that qualify for an unreduced annuity. The annuity supplement is calculated by first estimating the retiree's Social Security benefit at age 62 based on a 40-year career. The estimated Social Security benefit is then reduced by the fraction of a 40-year career that was worked under FERS to determine the annuity supplement. The annuity supplement is subject to an earnings test, and is reduced by \$1 for every \$2 of earnings over the Social Security minimum level of earnings. While federal employees who retiree before the age of 62 are eligible for this annuity supplement, the basic annuity formula for those who retire at age 62 or older with at least 20 years of service uses a higher benefit multiplier than those who retire under age 62 or with less than 20 years of service.

⁴ Retirees in the Arlington County Employees' Retirement System may elect a Social Security Option as an annuity payment option. Under this option, the annuity is temporarily increased either until age 62 or until the retiree reaches normal Social Security retirement age, at which time the annuity is permanently reduced.

Pre-Social Security Supplement

Public Safety Employees

Jurisdiction	Social Security Leveling
Fairfax County Uniformed Retirement System (URS) Plan E	Supplement ¹
Fairfax County Police Officers Retirement System (PORS) Plan B	None ²
Virginia Retirement System (VRS) Plan 2	Supplement ³
Federal Government (FERS)	Supplement ⁴
City of Alexandria	None
Arlington County	Option ⁵

- ¹ The pre-Social Security supplement in the Fairfax County URS is provided to normal service retirees from the date of retirement until they reach normal Social Security retirement age. The supplement is calculated using a benefit multiplier of 0.3%.
- ² Fairfax County police officers do not contribute to Social Security based on their employment as Fairfax County police officers, and therefore a pre-Social Security supplement is not included in the design of the Police Officers Retirement System.
- ³ Employees covered under VRS that retire with at least 20 years of hazardous duty service are eligible for a hazardous duty supplement. The supplement is currently \$13,548 per year, and is payable from retirement until the retiree reaches normal Social Security retirement age.
- ⁴ Under the Federal Employees Retirement System (FERS), an annuity supplement is paid until age 62 to retirees that qualify for an unreduced annuity. The annuity supplement is calculated by first estimating the retiree's Social Security benefit at age 62 based on a 40-year career. The estimated Social Security benefit is then reduced by the fraction of a 40-year career that was worked under FERS to determine the annuity supplement. The annuity supplement is subject to an earnings test, and is reduced by \$1 for every \$2 of earnings over the Social Security minimum level of earnings.
- ⁵ Retirees in the Arlington County Employees' Retirement System may elect a Social Security Option as an annuity payment option. Under this option, the annuity is temporarily increased either until age 62 or until the retiree reaches normal Social Security retirement age, at which time the annuity is permanently reduced.



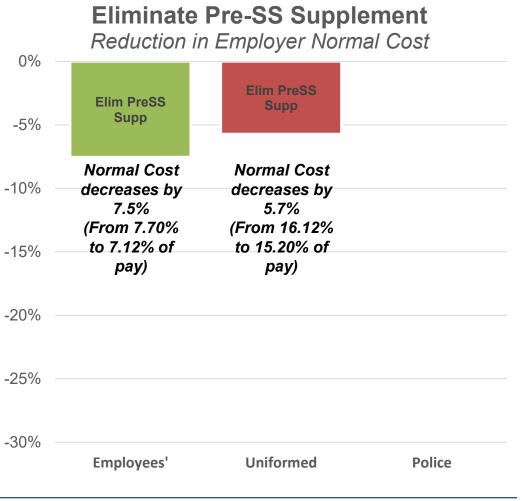
Option 4: Eliminate Pre-Social Security Supplement (ERS/URS)

Potential Plan Design Changes for New Hires

Potential Change for New Hires

Eliminate Pre-Social Security Supplement in ERS and URS

- Estimated to impact 98% of new hires in ERS and 100% of new hires in URS
- Annuity payments would be lower between retirement and normal Social Security retirement age

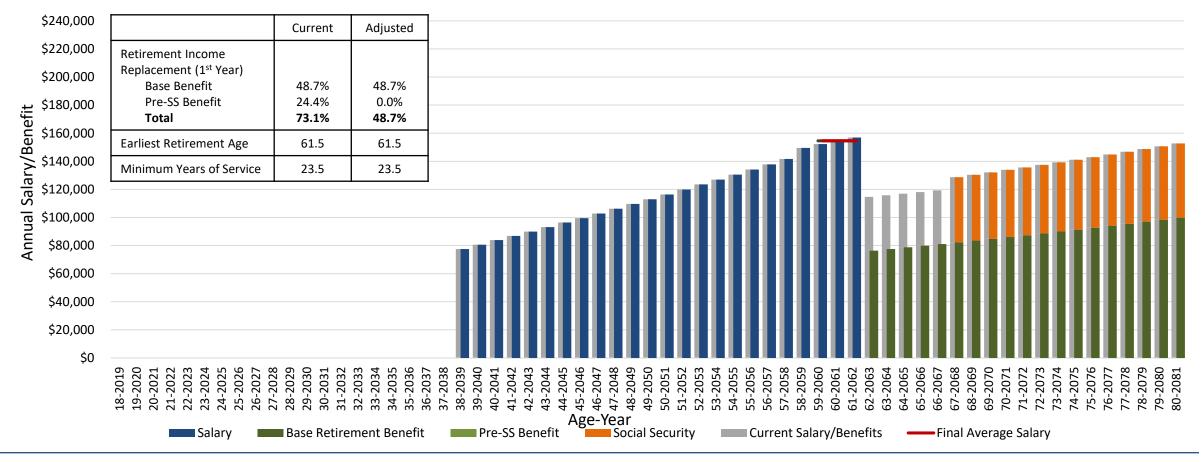


Employees' Retirement System

Eliminate Pre-SS Supplement: Average Age Hire

- New Hire in 2039 at Age 38, Hired at 24% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire



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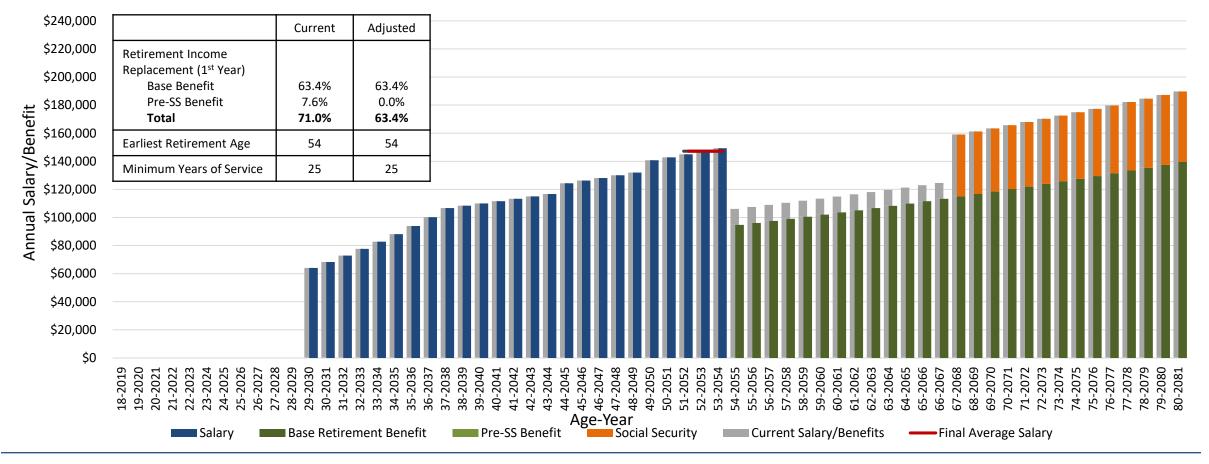
Uniformed Retirement System

Eliminate Pre-SS Supplement: Average Age Hire

- New Hire in 2030 at Age 29, Hired at Step 1
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Projected Retirement Benefit Based on Average New Hire

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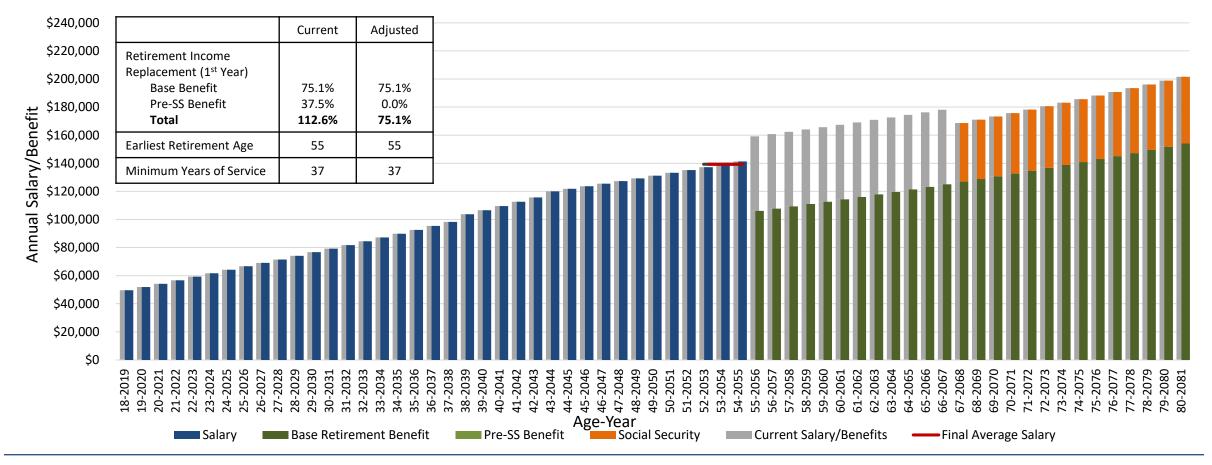
Employees' Retirement System

Eliminate Pre-SS Supplement: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at 0% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary Assumes 1.5% Market Rate Adjustments and full funding of pay plan
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Projected Retirement Benefit Based on Age 18 New Hire

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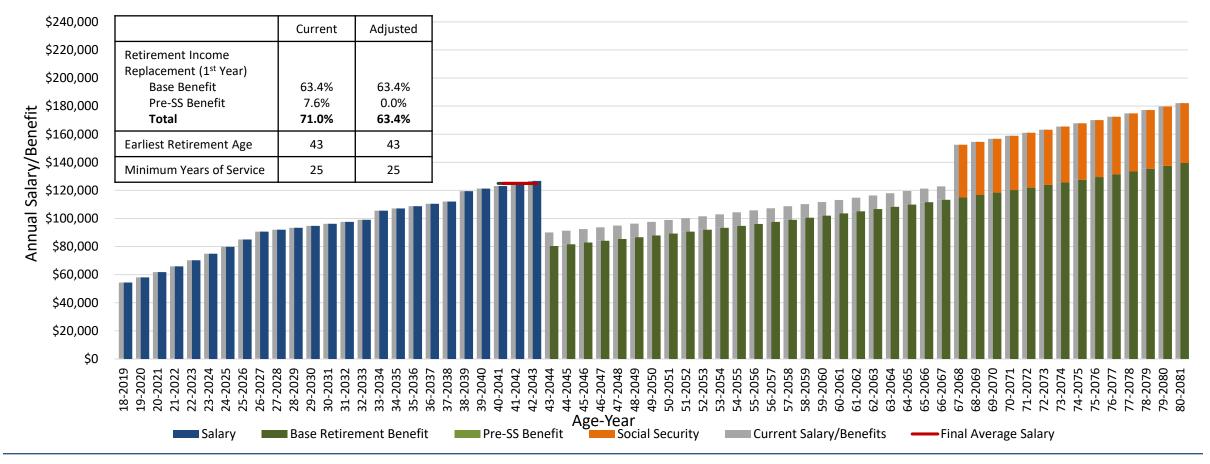
Uniformed Retirement System

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Projected Retirement Benefit Based on Age 18 New Hire

FAIRFAXCOUNTY





Option 5: Limit Pre-Social Security Supplement to 5 (ERS) and 7 (URS) Years

Potential Plan Design Changes for New Hires

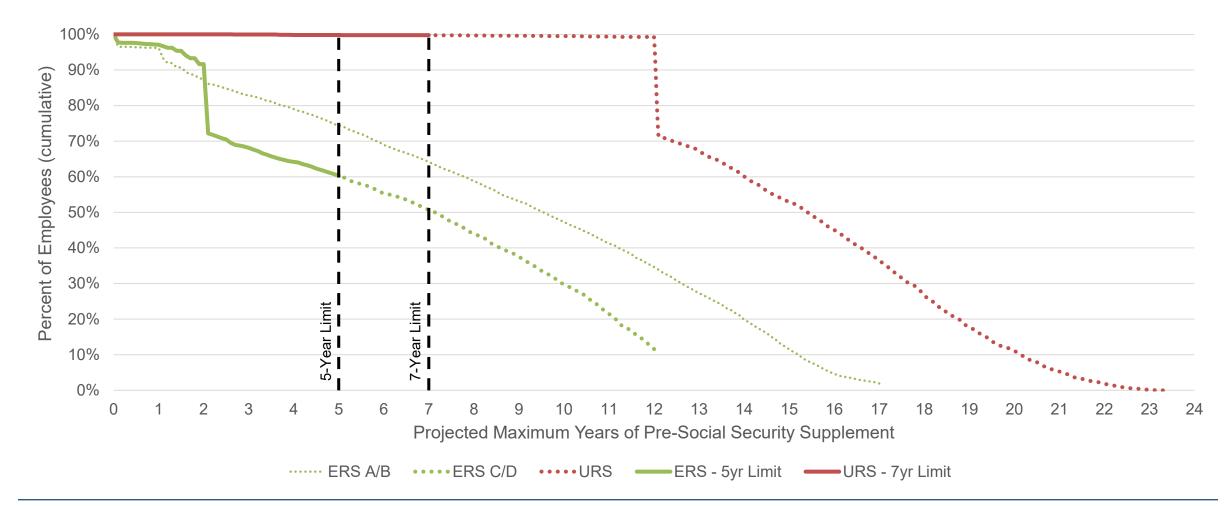
Potential Change for New Hires Limit Pre-SS Supplement to 5 (ERS) or 7 (URS) Years

- Estimated to impact 60% of new hires in ERS and 100% of new hires in URS
 - Minimal impact in ERS if Minimum Retirement Age is increased to 60
- Supplement would begin no earlier than age 62 for ERS and age 60 for URS
- Annuity payments would decrease for those that retire at younger ages

Limit Pre-SS Supplement Reduction in Employer Normal Cost 0% **Limit PreSS** Limit PreSS Normal Cost Normal Cost decreases by decreases by -5% 1.7% 1.7% (From 7.70%) (From 16.12% to 7.57% of to 15.84% of -10% pay) pay) -15% -20% -25% -30% **Employees'** Uniformed Police

Limit Pre-SS Supplement to 5/7 Years

Projected Impact on Future New Hire Population

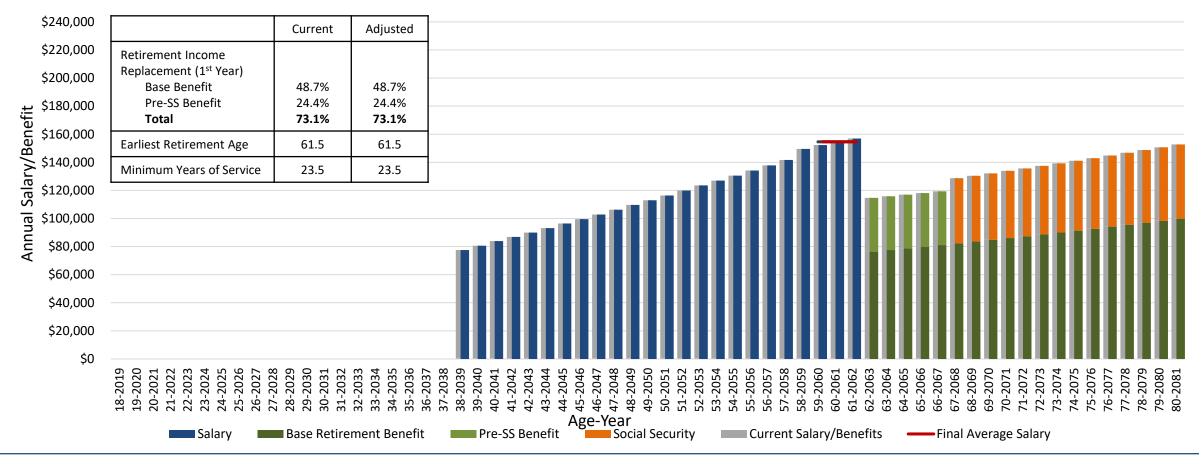


Employees' Retirement System

Limit Pre-SS Supplement to 5 yrs: Average Age Hire

- New Hire in 2039 at Age 38, Hired at 24% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire

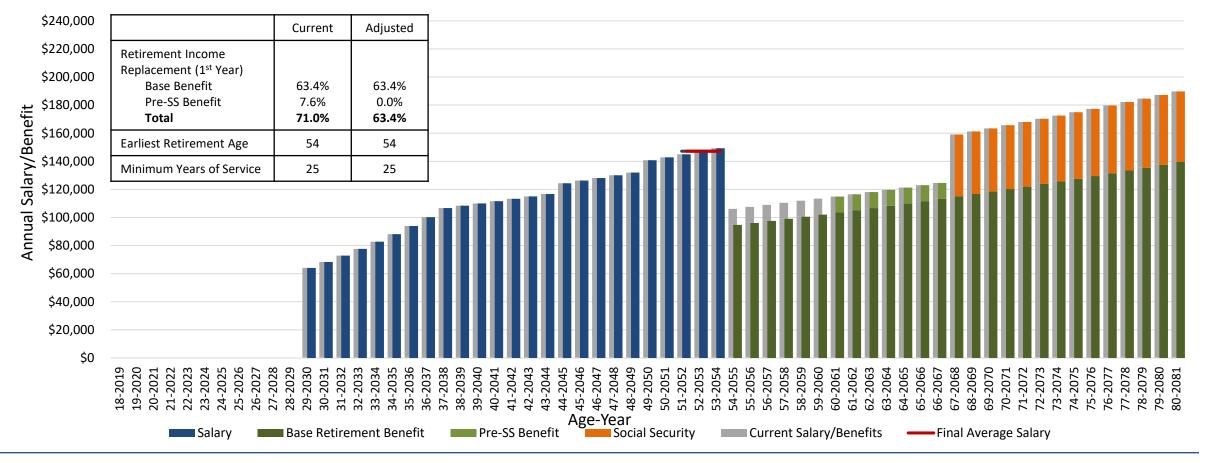


Uniformed Retirement System

Limit Pre-SS Supplement to 7 yrs: Average Age Hire

- New Hire in 2030 at Age 29, Hired at Step 1
- Assume F-18 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year
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Projected Retirement Benefit Based on Average New Hire

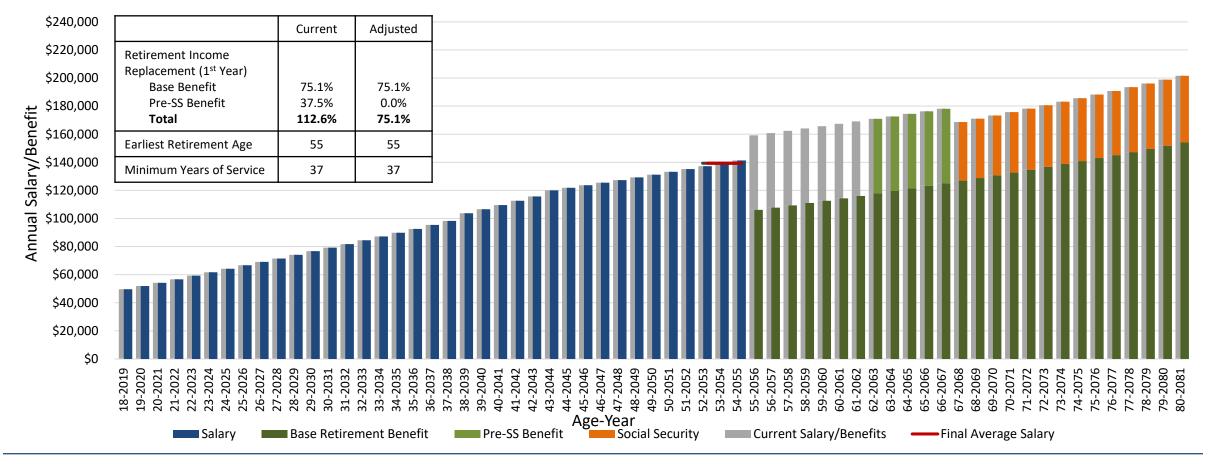


Employees' Retirement System

Limit Pre-SS Supplement to 5 yrs: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at 0% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
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Projected Retirement Benefit Based on Age 18 New Hire



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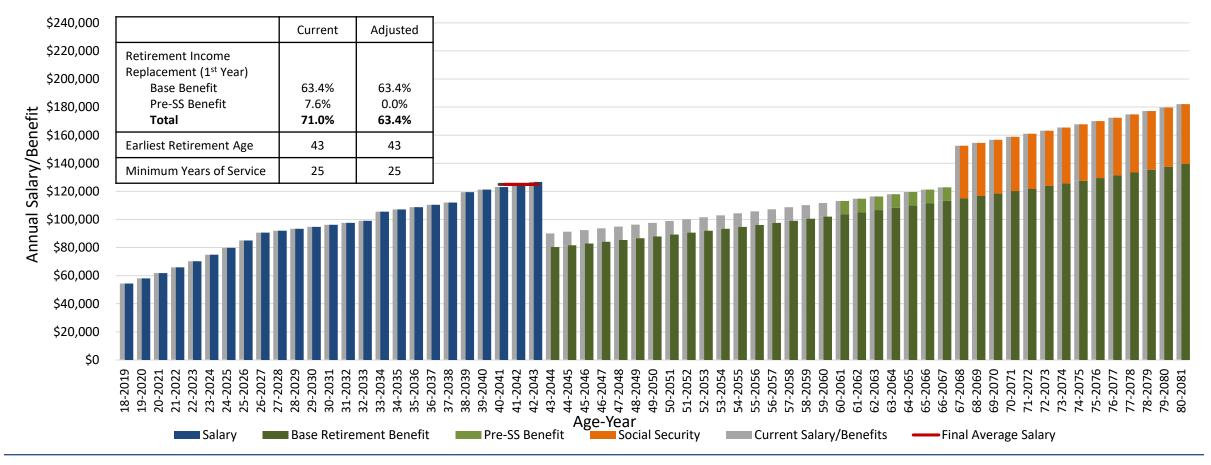
Uniformed Retirement System

Limit Pre-SS Supplement to 7 yrs: Age 18 Hire

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Projected Retirement Benefit Based on Age 18 New Hire

FAIRFAXCOUNTY





Retiree Cost of Living Adjustments

Potential Plan Design Changes for New Hires

Retiree Cost of Living Adjustments (COLAs)

- Effective July 1 each year
- Equal to the increase in the Washington area Consumer Price Index (CPI-U) for the twelve months ending March 31, up to a maximum of 4.0%
- The COLA is not applied to the pre-Social Security Supplement



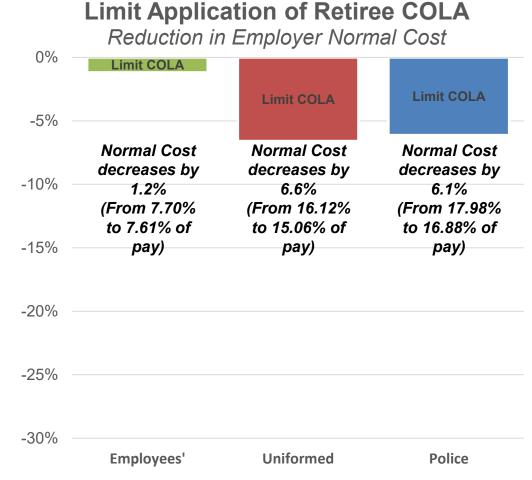
Option 6: Limit Application of Retiree COLA (All)

Potential Plan Design Changes for New Hires



Potential Change for New Hires Limit Application of Retiree COLA

- The COLA provided to new hires when they retire would be calculated on only the portion of retirement income that falls below a certain threshold
- Threshold would be increased by the COLA each year
- Provides inflation protection to those with smaller annuity payments
- Larger annuity payments would be partially protected from inflation

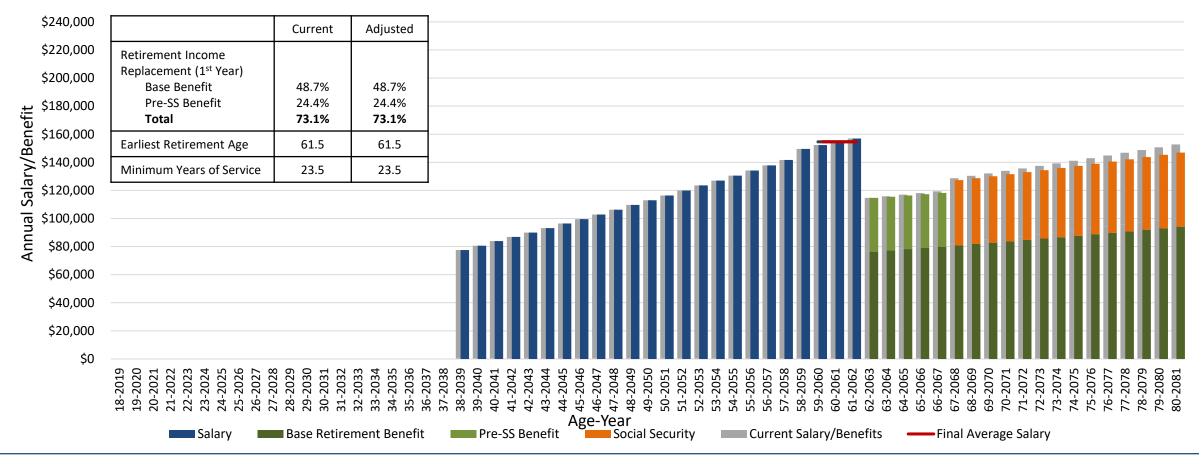


Employees' Retirement System

Limit Retiree COLA: Average Age Hire

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Projected Retirement Benefit Based on Average New Hire



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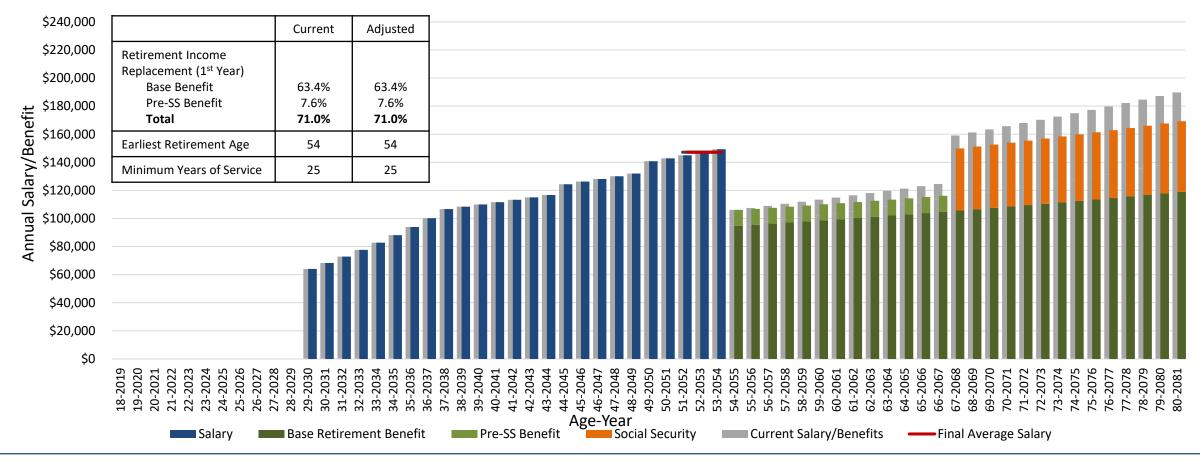
Uniformed Retirement System

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Projected Retirement Benefit Based on Average New Hire

FAIRFAXCOUNTY

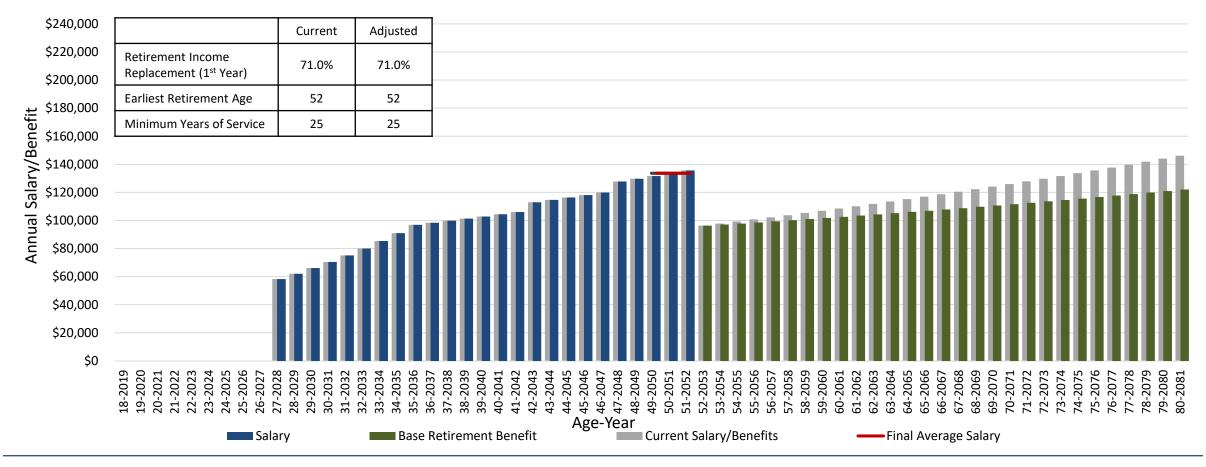


Police Officers Retirement System

Limit Retiree COLA: Average Age Hire

- New Hire in 2028 at Age 27, Hired at Step 1
- Assume O-17 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
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Projected Retirement Benefit Based on Average New Hire



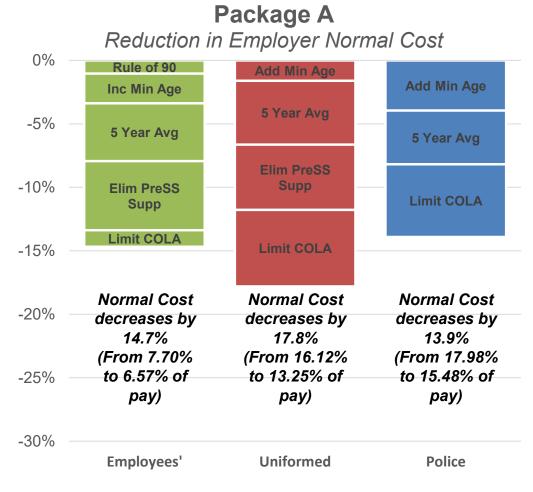
Package A

- Rule of 90 (ERS)
- Minimum Retirement Age 60 (ERS) and 50 (URS/PORS)
- ✓ 5-Year Salary Averaging Period (All)
- Eliminate Pre-Social Security Supplement (ERS/URS)
- Limit Pre-Social Security Supplement to 5 (ERS) and 7 (URS) Years
- ✓ Limit Application of Retiree COLA (All)

Potential Change for New Hires

Package A

- Estimated General Fund savings of approximately \$11.8 million when fully implemented based on current payroll
- Rule of 90 (ERS)
- Minimum Retirement Age 60 (ERS) and 50 (URS/PORS)
- ✓ 5-Year Salary Averaging Period (All)
- Eliminate Pre-Social Security Supplement (ERS/URS)
- Limit Pre-Social Security Supplement to 5 (ERS) and 7 (URS) Years
- ✓ Limit Application of Retiree COLA (All)



Employees' Retirement System

Package A: Average Age Hire

- New Hire in 2039 at Age 38, Hired at 24% of Scale
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- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay

☑ Rule of 90

- Estimates Social Security benefit at 30% of Final Average Salary Assumes 1.5% Market Rate Adjustments and full funding of pay plan
- each year
- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Average New Hire ☑ Minimum Retirement Age 60 5-Year Salary Averaging Period ☑ Eliminate Pre-Social Security Supplement Limit Pre-Social Security Supplement to 5 yrs \$240,000 Adjusted Current ☑ Limit Application of Retiree COLA \$220,000 Retirement Income Replacement (1st Year) \$200,000 Base Benefit 48.7% 52.0% Pre-SS Benefit 24.4% 0.0% \$180,000 Annual Salary/Benefit 52.0% Total 73.1% \$160,000 **Earliest Retirement Age** 61.5 64 \$140,000 Minimum Years of Service 23.5 26 \$120,000 \$100,000 \$80,000 \$60,000 \$40,000 \$20,000 \$0 71-2072 72-2073 73-2074 18-2019 19-2020 34-2035 35-2036 37-2038 38-2039 39-2040 40-2041 41-2042 42-2043 43-2044 44-2045 47-2048 48-2049 49-2050 50-2051 51-2052 52-2053 54-2055 55-2056 56-2057 57-2058 58-2059 59-2060 60-2061 61-2062 62-2063 63-2064 64-2065 65-2066 67-2068 68-2069 69-2070 70-2071 74-2075 75-2076 77-2078 46-2047 66-2067 80-2081 20-2021 21-2022 22-2023 23-2024 24-2025 25-2026 27-2028 28-2029 29-2030 30-2031 31-2032 32-2033 33-2034 36-2037 45-2046 53-2054 76-2077 78-2079 79-2080 26-2027 Age-Year Current Salary/Benefits Final Average Salary Salarv Base Retirement Benefit Pre-SS Benefit Social Security

FAIRFAXCOUNTY

October 3, 2017

Uniformed Retirement System

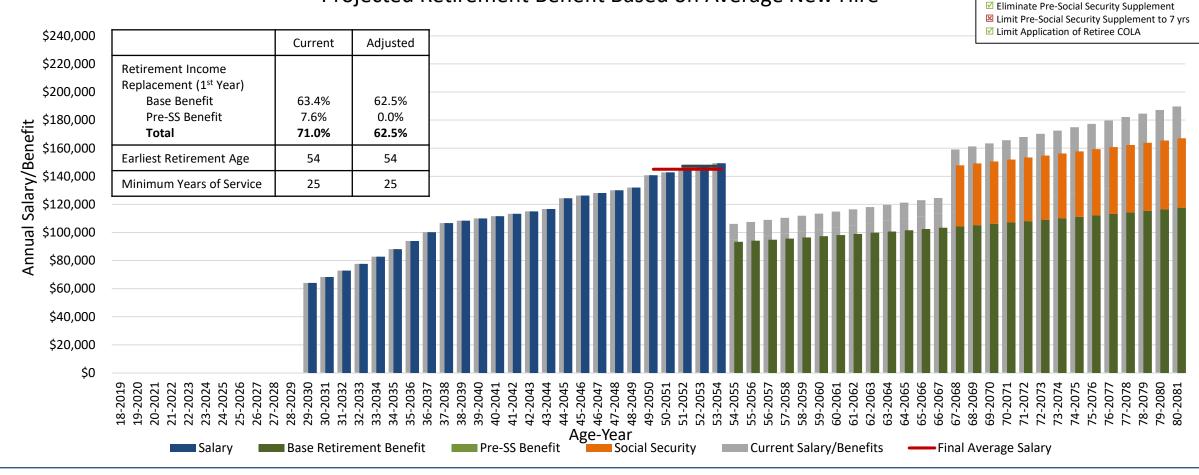
Package A: Average Age Hire

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- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year

Minimum Retirement Age 50

☑ 5-Year Salary Averaging Period

- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security



Projected Retirement Benefit Based on Average New Hire

FAIRFAXCOUNTY

Police Officers Retirement System

Package A: Average Age Hire

- New Hire in 2028 at Age 27, Hired at Step 1
- Assume O-17 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary Assumes 1.5% Market Rate Adjustments and full funding of pay plan

Minimum Retirement Age 50

✓ 5-Year Salary Averaging Period
✓ Limit Application of Retiree COLA

- each year
- Assumes 1.5% annual County retiree COLA
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Projected Retirement Benefit Based on Average New Hire

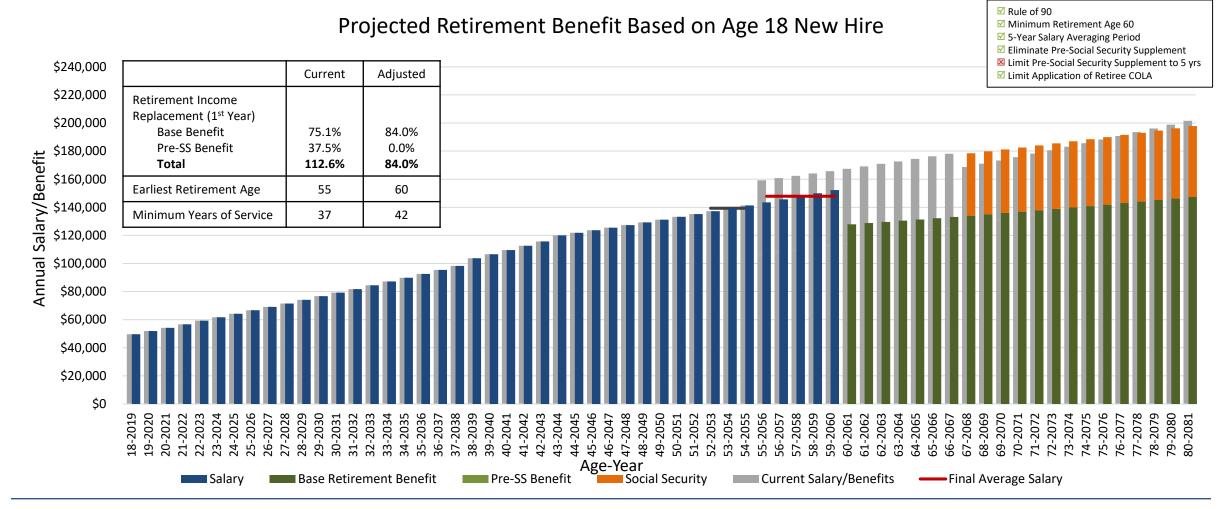
FAIRFAXCOUNTY

\$240,000 Adjusted Current \$220,000 Retirement Income 71.0% 70.0% Replacement (1st Year) \$200,000 Earliest Retirement Age 52 52 \$180,000 Annual Salary/Benefit 25 25 Minimum Years of Service \$160,000 \$140,000 \$120,000 \$100,000 \$80,000 \$60,000 \$40,000 \$20,000 \$0 27-2028 29-2030 35-2036 37-2038 18-2019 19-2020 23-2024 24-2025 25-2026 28-2029 30-2031 31-2032 32-2033 33-2034 34-2035 36-2037 38-2039 39-2040 40-2041 41-2042 42-2043 43-2044 44-2045 45-2046 46-2047 47-2048 48-2049 49-2050 50-2051 51-2052 52-2053 53-2054 54-2055 55-2056 56-2057 57-2058 58-2059 59-2060 60-2061 61-2062 62-2063 63-2064 64-2065 65-2066 67-2068 68-2069 69-2070 70-2071 71-2072 72-2073 73-2074 74-2075 75-2076 77-2078 20-2021 21-2022 22-2023 66-2067 78-2079 80-2081 26-2027 76-2077 79-2080 Age-Year Current Salary/Benefits -Final Average Salary Salary Base Retirement Benefit

Employees' Retirement System

Package A: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at 0% of Scale
- Assume S-21 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
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FAIRFAXCOUNTY

October 3, 2017

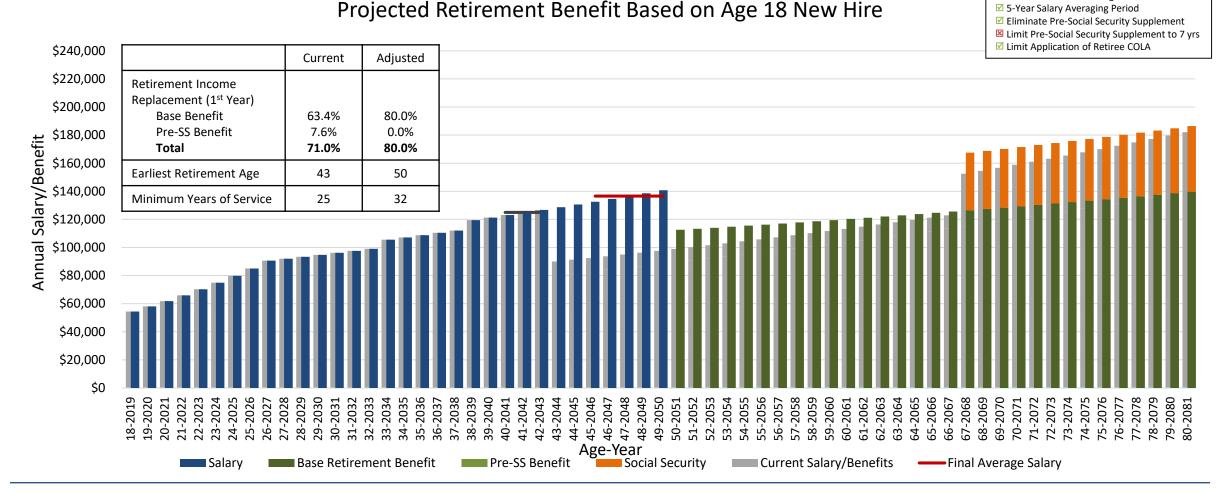
Uniformed Retirement System

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Minimum Retirement Age 50

- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security



FAIRFAXCOUNTY

Police Officers Retirement System

Package A: Age 18 Hire

- New Hire in 2019 at Age 18, Hired at Step 1
- Assume O-17 with no promotions
- Retiring at earliest age for unreduced benefits
- Does not include pension-eligible stipends or extra pay
- Estimates Social Security benefit at 30% of Final Average Salary
- Assumes 1.5% Market Rate Adjustments and full funding of pay plan each year

Minimum Retirement Age 50

✓ 5-Year Salary Averaging Period
✓ Limit Application of Retiree COLA

- Assumes 1.5% annual County retiree COLA
- Assumes 1.0% annual COLA for Social Security

Projected Retirement Benefit Based on Age 18 New Hire

\$240,000 Adjusted Current \$220,000 Retirement Income 71.0% 89.6% Replacement (1st Year) \$200,000 Earliest Retirement Age 43 50 \$180,000 Annual Salary/Benefit Minimum Years of Service 25 32 \$160,000 \$140,000 \$120,000 \$100,000 \$80,000 \$60,000 \$40,000 \$20,000 \$O 18-2019 19-2020 20-2021 27-2028 37-2038 47-2048 21-2022 22-2023 23-2024 24-2025 26-2027 28-2029 29-2030 30-2031 31-2032 32-2033 33-2034 34-2035 35-2036 36-2037 38-2039 39-2040 40-2041 41-2042 42-2043 43-2044 44-2045 45-2046 46-2047 48-2049 49-2050 50-2051 51-2052 52-2053 53-2054 54-2055 55-2056 56-2057 57-2058 58-2059 59-2060 60-2061 61-2062 62-2063 63-2064 64-2065 65-2066 67-2068 68-2069 69-2070 70-2071 71-2072 72-2073 73-2074 74-2075 75-2076 77-2078 78-2079 79-2080 66-2067 80-2081 25-2026 76-2077 Age-Year Current Salary/Benefits -Final Average Salary Base Retirement Benefit Salary

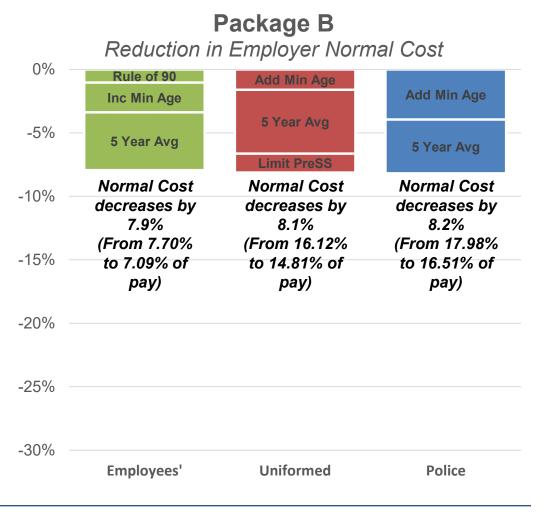


Package B

- Rule of 90 (ERS)
- Minimum Retirement Age 60 (ERS) and 50 (URS/PORS)
- ✓ 5-Year Salary Averaging Period (All)
- Eliminate Pre-Social Security Supplement (ERS/URS)
- ☑ Limit Pre-Social Security Supplement to 5 (ERS) and 7 (URS) Years
- Limit Application of Retiree COLA (All)

Potential Change for New Hires Package B

- Estimated General Fund savings of approximately \$6.1 million when fully implemented based on current payroll
- Rule of 90 (ERS)
- Minimum Retirement Age 60 (ERS) and 50 (URS/PORS)
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Employees' Retirement System

Package B: Average Age Hire

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- each year

Current Salary/Benefits

Assumes 1.5% annual County retiree COLA

——Final Average Salary

Assumes 1.0% annual COLA for Social Security

☑ Rule of 90 Projected Retirement Benefit Based on Average New Hire ☑ Minimum Retirement Age 60 5-Year Salary Averaging Period Eliminate Pre-Social Security Supplement ☑ Limit Pre-Social Security Supplement to 5 yrs \$240,000 Adjusted Current Limit Application of Retiree COLA \$220,000 Retirement Income Replacement (1st Year) \$200,000 Base Benefit 48.7% 52.0% Pre-SS Benefit 24.4% 26.0% \$180,000 Annual Salary/Benefit Total 73.1% 78.0% \$160,000 Earliest Retirement Age 61.5 64 \$140,000 Minimum Years of Service 23.5 26 \$120,000 \$100,000 \$80,000 \$60,000 \$40,000 \$20,000 \$0 71-2072 72-2073 73-2074 18-2019 19-2020 34-2035 35-2036 37-2038 38-2039 39-2040 40-2041 41-2042 42-2043 43-2044 44-2045 47-2048 48-2049 49-2050 50-2051 51-2052 52-2053 54-2055 55-2056 56-2057 57-2058 58-2059 59-2060 60-2061 61-2062 62-2063 63-2064 64-2065 65-2066 67-2068 68-2069 69-2070 70-2071 74-2075 75-2076 77-2078 46-2047 66-2067 80-2081 20-2021 21-2022 22-2023 23-2024 24-2025 25-2026 27-2028 28-2029 29-2030 30-2031 31-2032 32-2033 33-2034 36-2037 45-2046 53-2054 76-2077 78-2079 79-2080 26-2027 Age-Year

FAIRFAXCOUNTY

Salarv

Base Retirement Benefit

Social Security

Pre-SS Benefit

Uniformed Retirement System

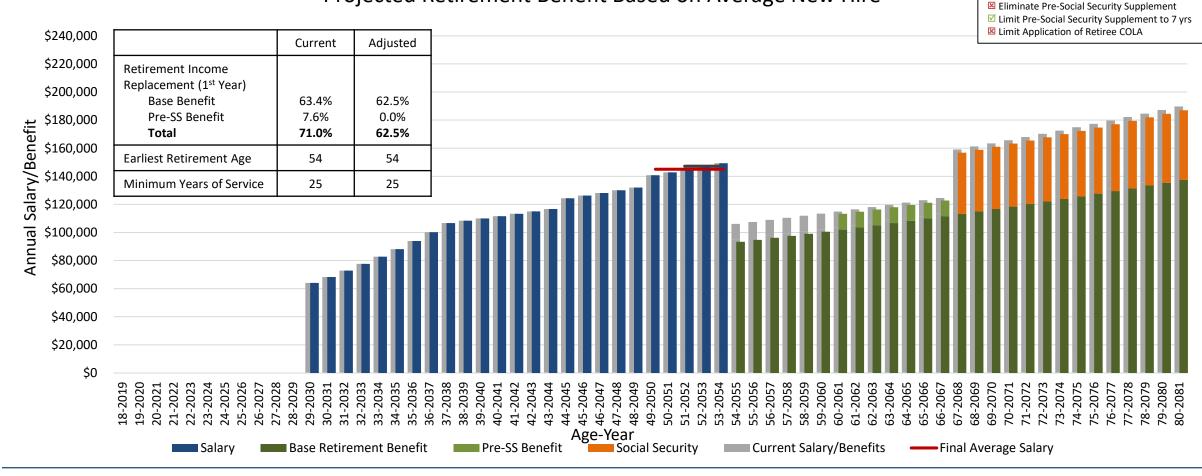
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Minimum Retirement Age 50

☑ 5-Year Salary Averaging Period

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Projected Retirement Benefit Based on Average New Hire

FAIRFAXCOUNTY

Police Officers Retirement System

Package B: Average Age Hire

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Minimum Retirement Age 50

5-Year Salary Averaging Period
Limit Application of Retiree COLA

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Projected Retirement Benefit Based on Average New Hire

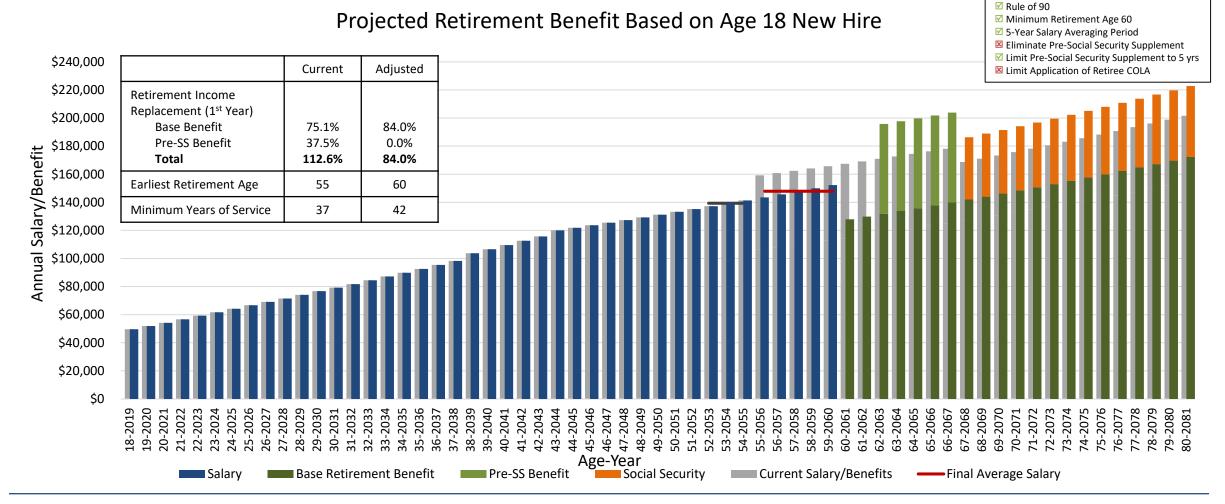
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Employees' Retirement System

Package B: Age 18 Hire

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FAIRFAXCOUNTY

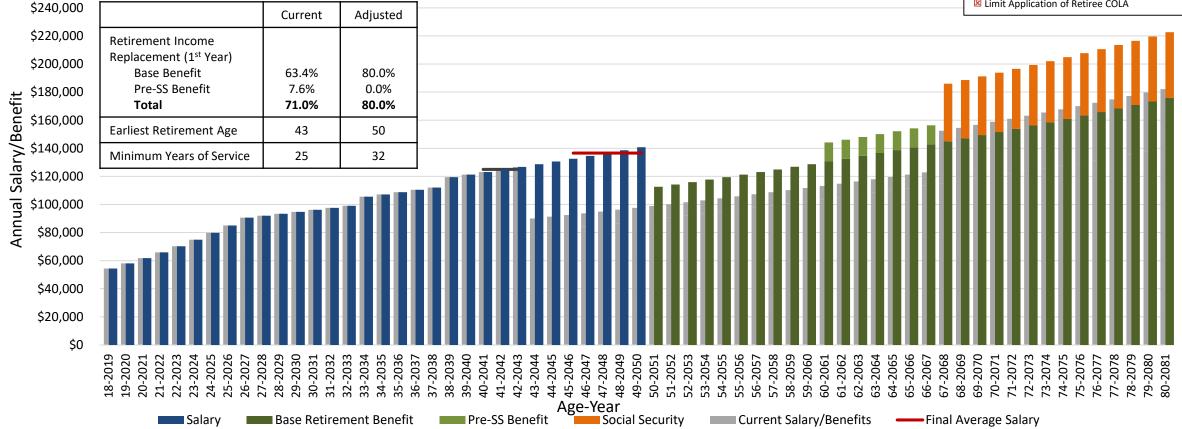
October 3, 2017

Uniformed Retirement System

Package B: Age 18 Hire

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Minimum Retirement Age 50
5-Year Salary Averaging Period
Eliminate Pre-Social Security Supplement
Limit Pre-Social Security Supplement to 7 yrs
Limit Application of Retiree COLA



FAIRFAXCOUNTY

Projected Retirement Benefit Based on Age 18 New Hire

October 3, 2017

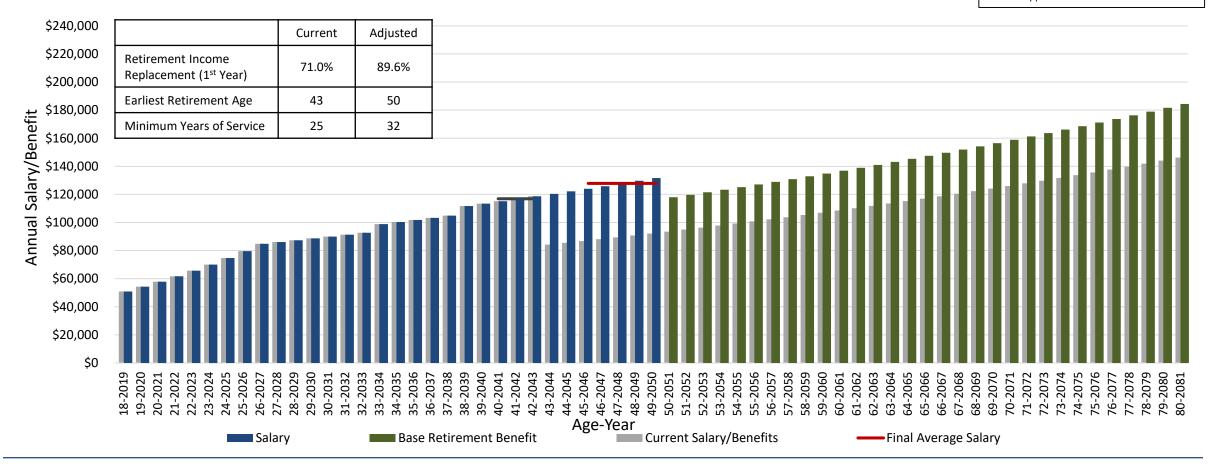
Police Officers Retirement System

Package B: Age 18 Hire

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Projected Retirement Benefit Based on Age 18 New Hire

Minimum Retirement Age 50
5-Year Salary Averaging Period
Limit Application of Retiree COLA



Discussion

- Next steps/tentative timeline
 - Fall 2017 Spring 2018
 - Engagement with employees
 - Discussions with FCPS
 - Review/discussion of changes to plans by a subcommittee of the Board
 - Summer/Fall 2018 Implementation of changes in code
 - Changes effective for new hires on or after January 1, 2019
- Target savings percentage
- Additional options
 - Reduced benefit multiplier for new hires
 - Capped benefit level for new hires
 - Use of sick leave for retirement purposes for new hires
 - Increased employee contribution rate for new hires
 - Wage types included in benefit calculation for new hires
 - Optional buy-out of pre-Social Security supplement for existing employees