

THREE: APPENDICES

MISCELLANEOUS ASSUMPTIONS

continued

Assumptions Removed from Future Studies

The assumptions contained in this section will be removed from future studies based on our analysis.

Age and Service Limits

What are the Age and Service Limits Assumptions and How Do We Use them?

The Age and Service Limits apply lower and upper bounds to reported ages and service levels to help us ensure our data is reasonable. We substitute ages or service levels for our valuation data records when a member's age or service level falls outside our minimum or maximum limits, or is unreasonable given the plan's closure date.

For example, if the valuation data showed a 30-year-old PERS 1 member, the data would be considered invalid, since PERS 1 closed to new members more than 30 years ago. We would adjust this member's age to reflect the current age of a member who joined PERS 1 at the earliest possible age, on the last day PERS 1 was open to new entrants (September 30, 1977).

High Level Takeaways

Our current Age and Service Limits are as follows.

	Non-Annuitant Age	Annuitant Age	Years of Service
Minimum Limit	16	20	0
Maximum Limit	80	110	N/A

We reassessed the reasonableness of these assumptions using 2018 valuation data, reported to us by DRS. We found that very few members had ages outside our current limits. We also found that less than 50 members had over 50 years of service, and all of them were Plan 1 members. These service levels were reasonable, and thus we did not feel it necessary to impose a maximum limit on years of service.

Given this information, we find our current Age and Service Limits to be reasonable and are not making any changes to this assumption. We do not plan to revisit this assumption in the future unless plan or legislation changes merit it.