2026 HMI and FMI VM20 Mortality Improvement Scale

Preliminary Recommendation

August 27, 2026

Life MI Subgroup of the SOA Mortality and Longevity Oversight Advisory Council

SOA Research INSTITUTE

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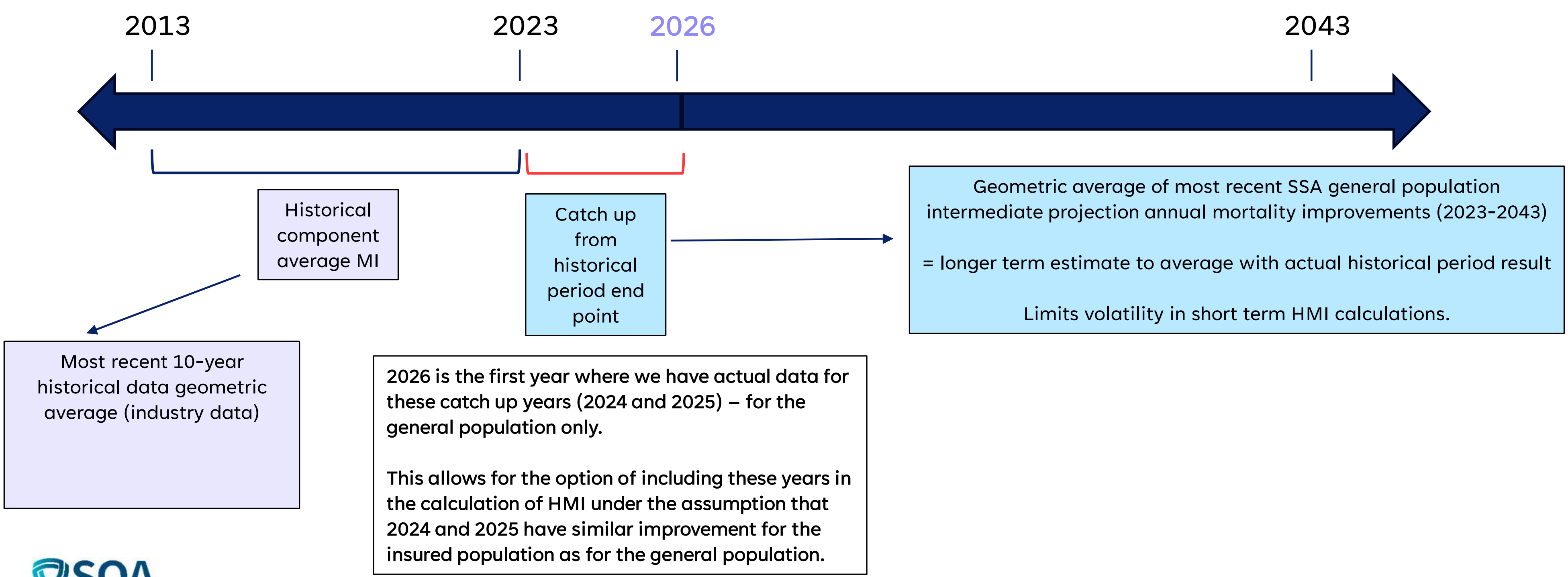
Agenda

- Review Current HMI Scale Recommendation
- Review Current FMI Scale Recommendation
- Next steps

VM20 HMI Scale Standard Methodology Valuation Year 2026 – **UPDATED 8-26-26**



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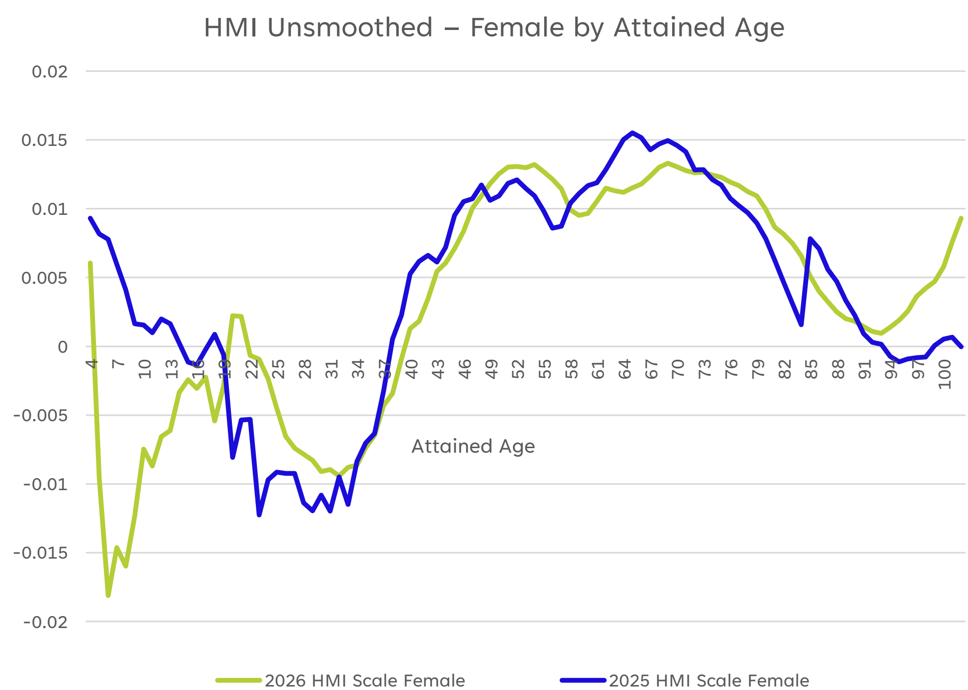
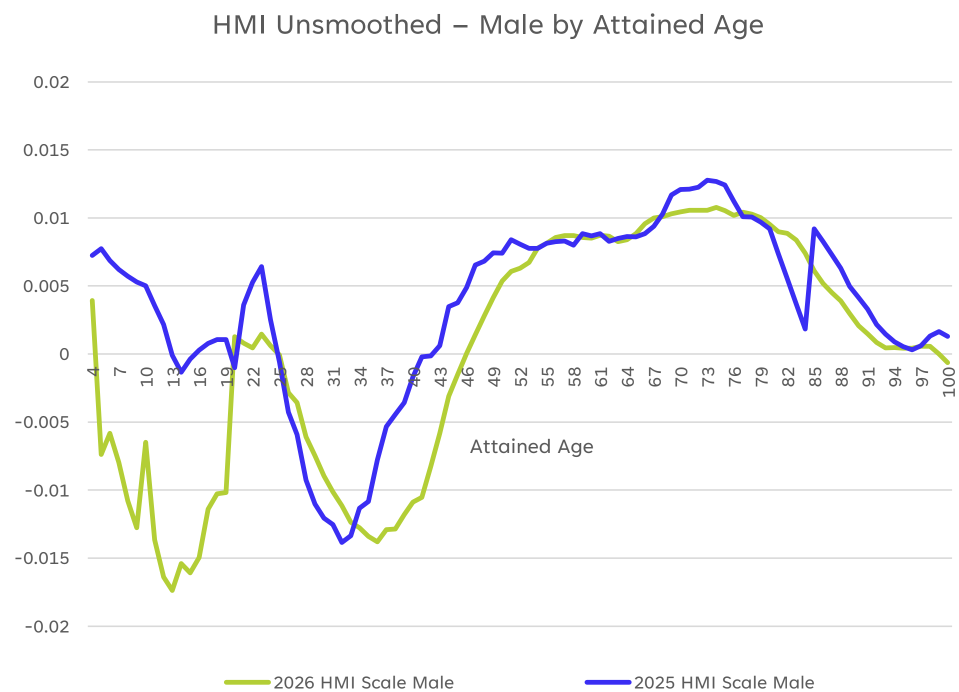
2026 HMI Recommendation – Unsmoothed Scale





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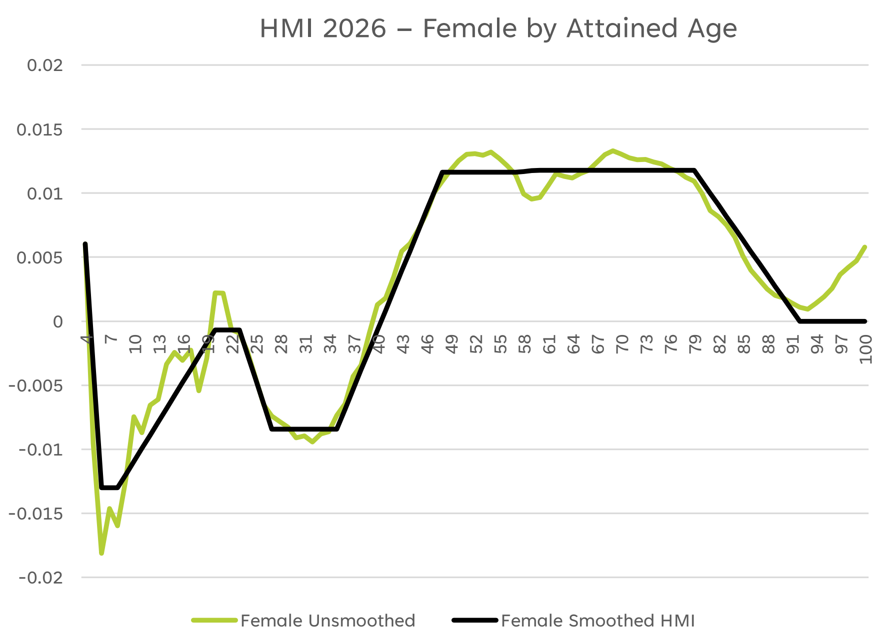
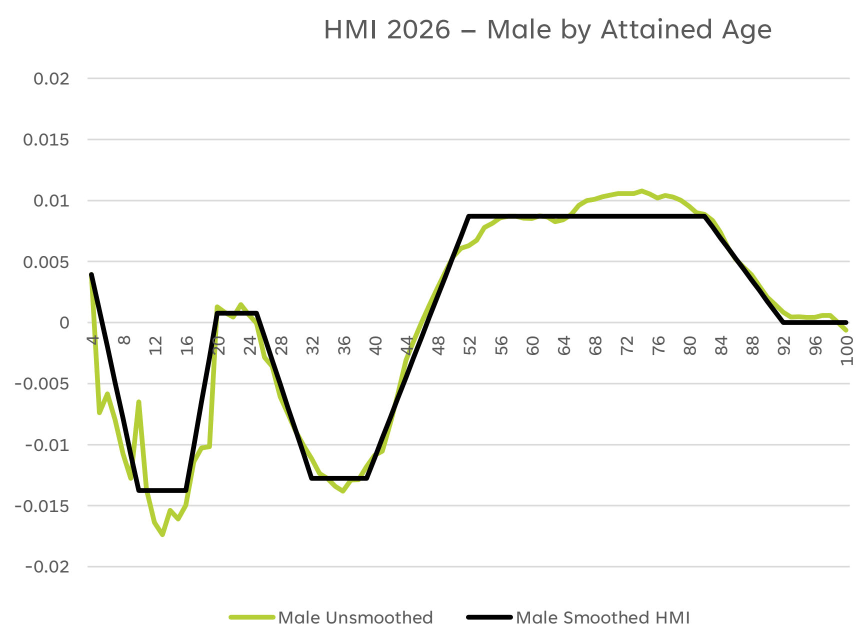
2026 HMI Recommendation – Smoothed Scale

UPDATED 8-26-26





The 2026 scale recommendation for HMI is to continue to apply the standard methodology applies in 2025 and earlier rather than applying a direct calculation method using general population data for catch up years. The application of a potential direct calculation will be explored in greater detail in 2027 to better understand potential volatility of the method.

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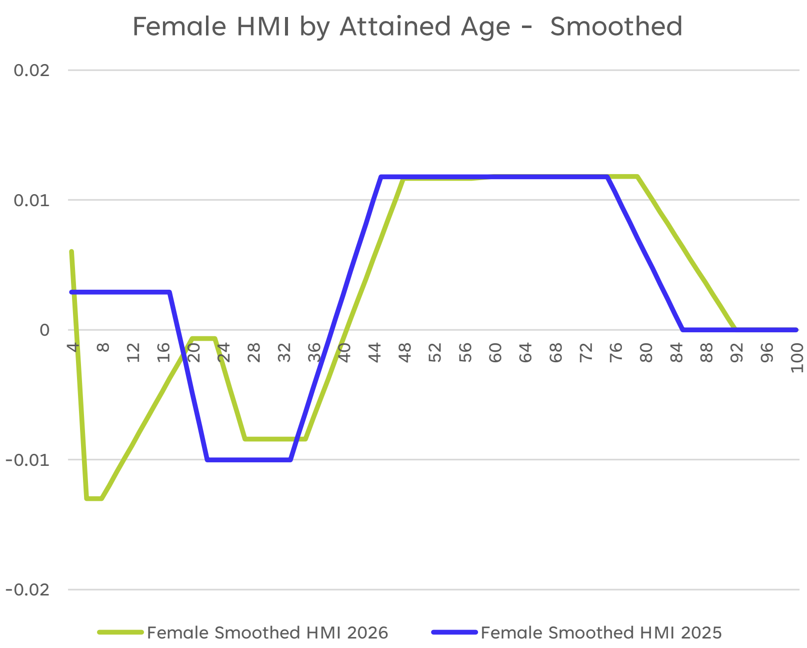
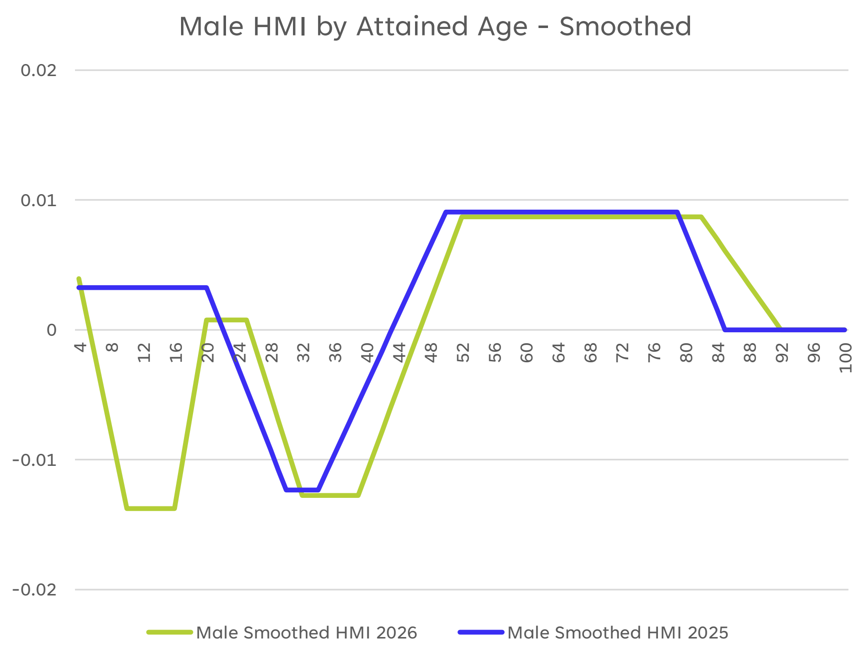
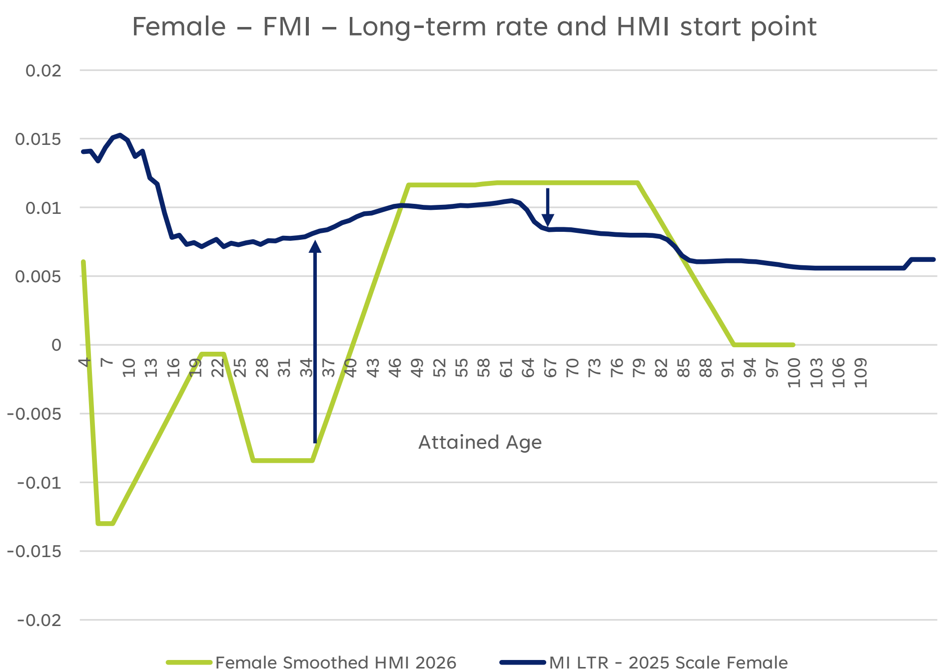
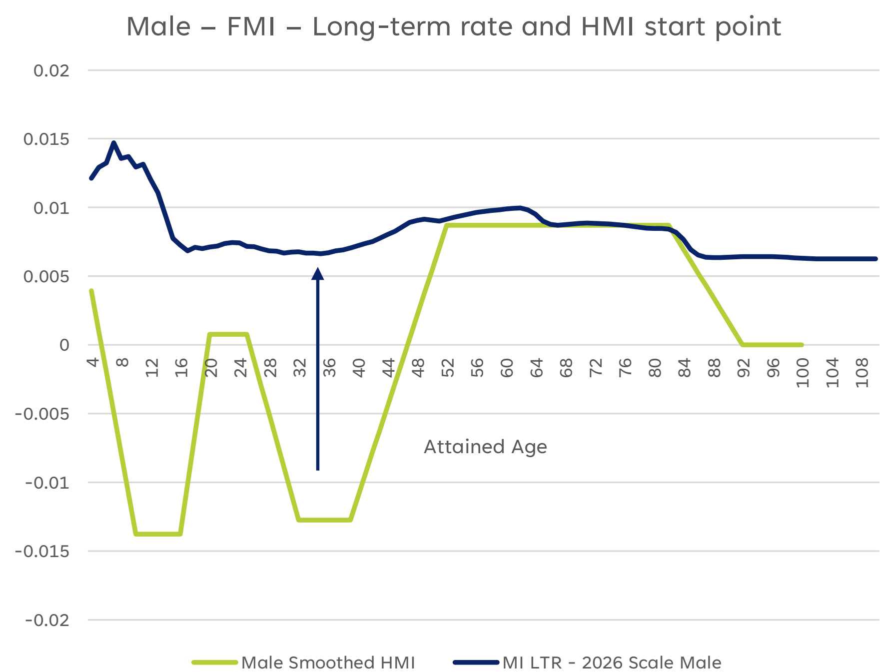
2026 vs 2025 HMI Recommendation Smoothed Scales





2026 FMI Recommendation

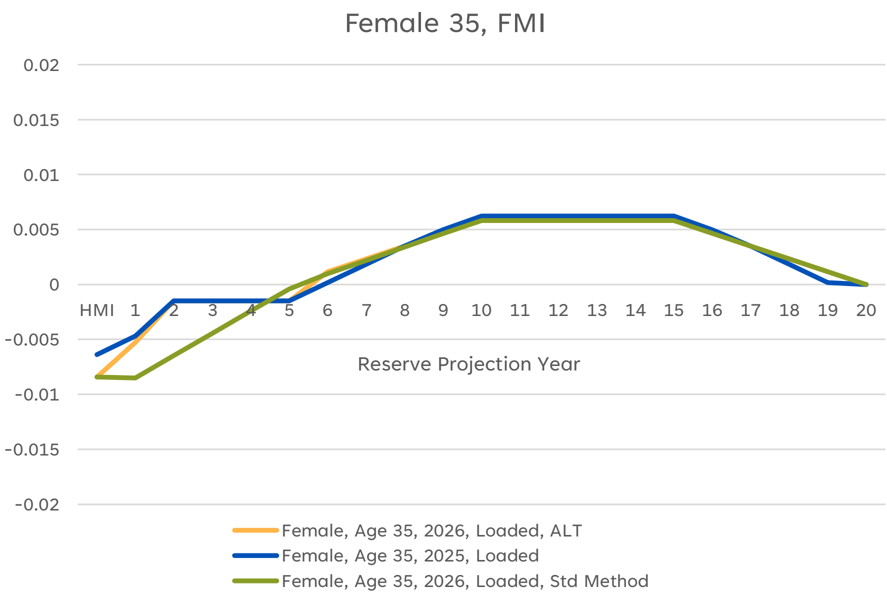


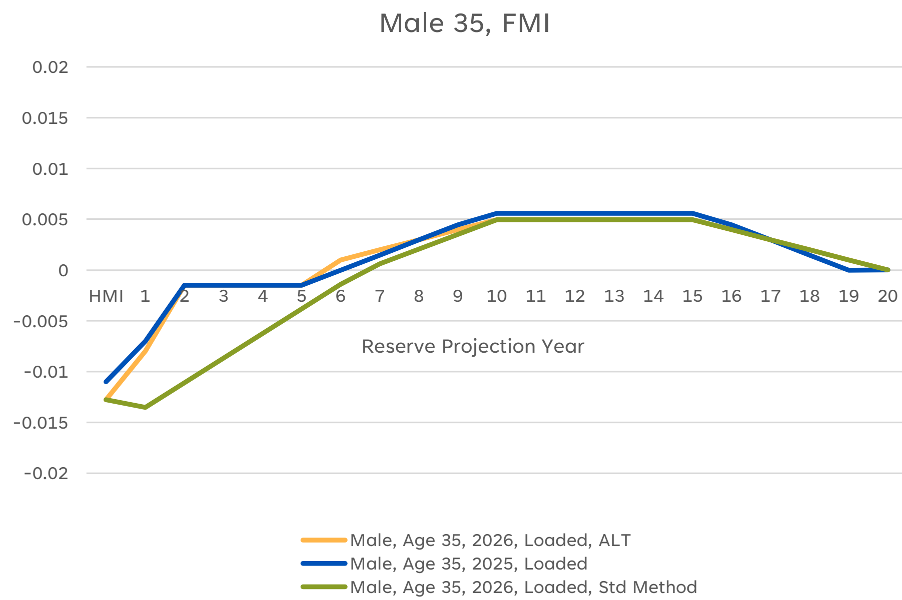


FMI:

- Starting in 2026 at HMI Scale
- Grades to MI LTR in 2036
- Remains at MI LTR until 2041
- Then grades to FMI=0 at year 20 (2046)

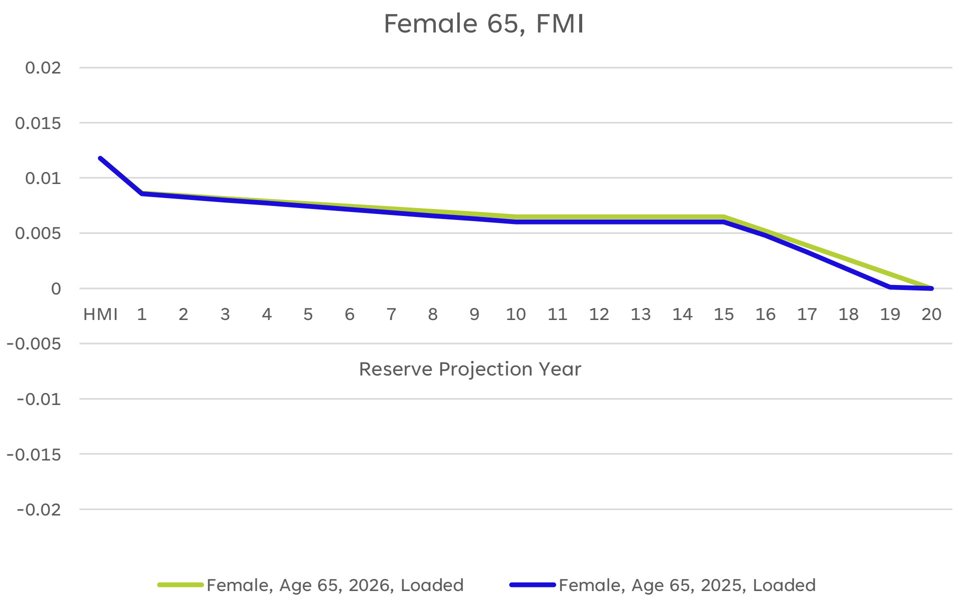
2026 vs 2025 FMI Recommendation
Loaded Scale (with margin) – Sample Age 35
UPDATED 8-26-26

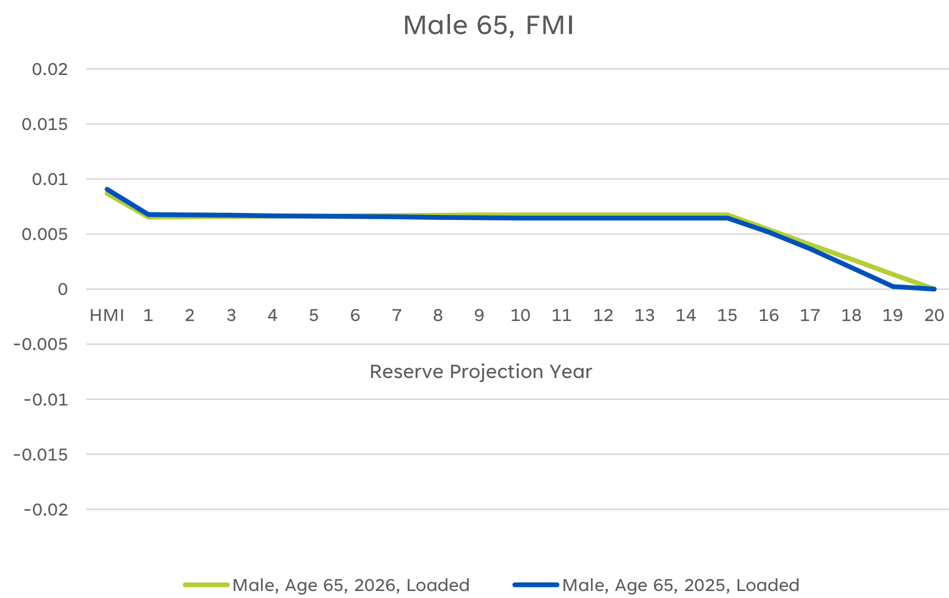




For attained ages 26-40, the 2026 scale recommendation for FMI is to continue to apply the standard methodology along with the early reserve projection year adjustments that were applied for the 2025 scale. This continues to reflect the ongoing trend of improvement at these ages. This is represented by the orange line in charts above.

2026 vs 2025 FMI Recommendation Loaded Scale (with margin) – Sample Age 65





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