Whiplash ratios for 80-20 1920-1950 1950-1980 0.5 1.0 1.5 2.0 0.0 0.5 1.0 1.5 0.0 whiplash fractional change whiplash fractional change 1980-2010 2010-2040 1.0 1.0 0.5 1.5 0.5 1.5 0.0 0.0 whiplash fractional change whiplash fractional change 2040-2070 2070-2100 0.0 0.5 1.0 1.5 0.0 0.5 1.0 1.5 whiplash fractional change whiplash fractional change