

# Dynamic Coast

## Summary results from phase 1 (2017)

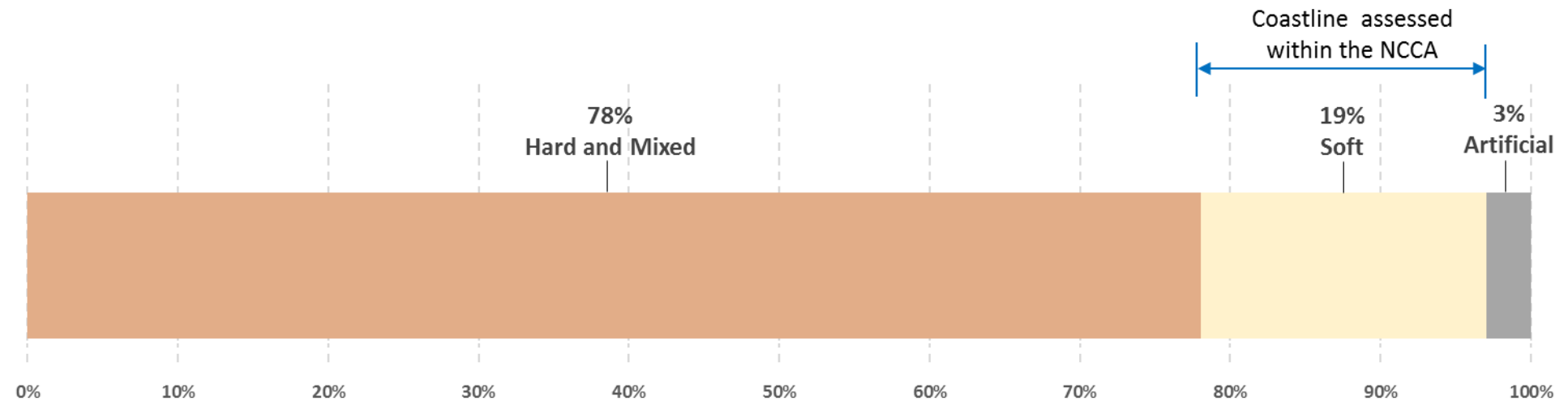
The following images are made available for re-use. Should you need to reference the source report:

*Hansom, J.D., Fitton, J.M., and Rennie, A.F. (2017) Dynamic Coast - National Coastal Change Assessment: National Overview, CRW2014/2.*





Figure 2.1: Proportion of Hard & Mixed (78% - 15,613 km), Soft (19% - 3,802 km) and Artificial (3% - 591 km) coastline in Scotland (Source: NCCA).





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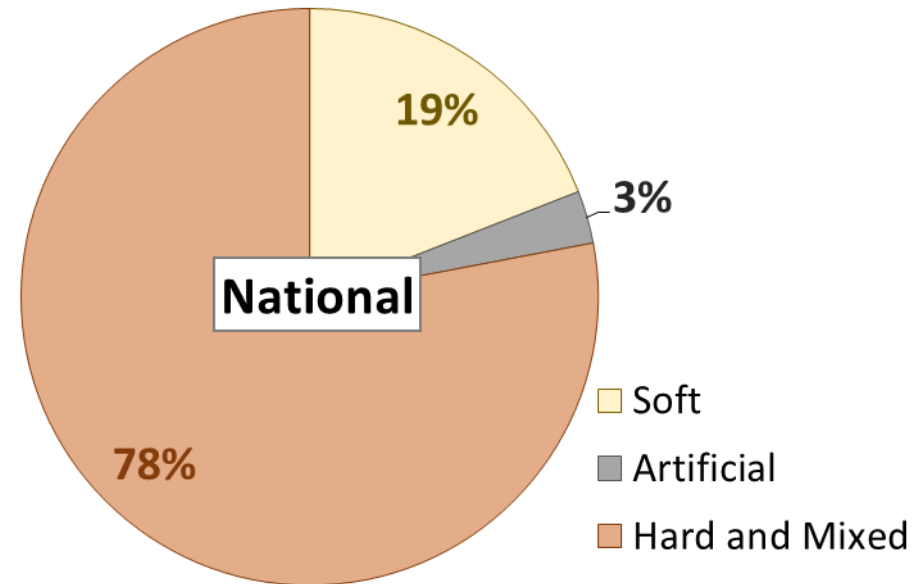




Figure 2.2: Distribution of Hard & Mixed, Soft and Artificial coastlines in Scotland, by coastal cell (Source: NCCA).

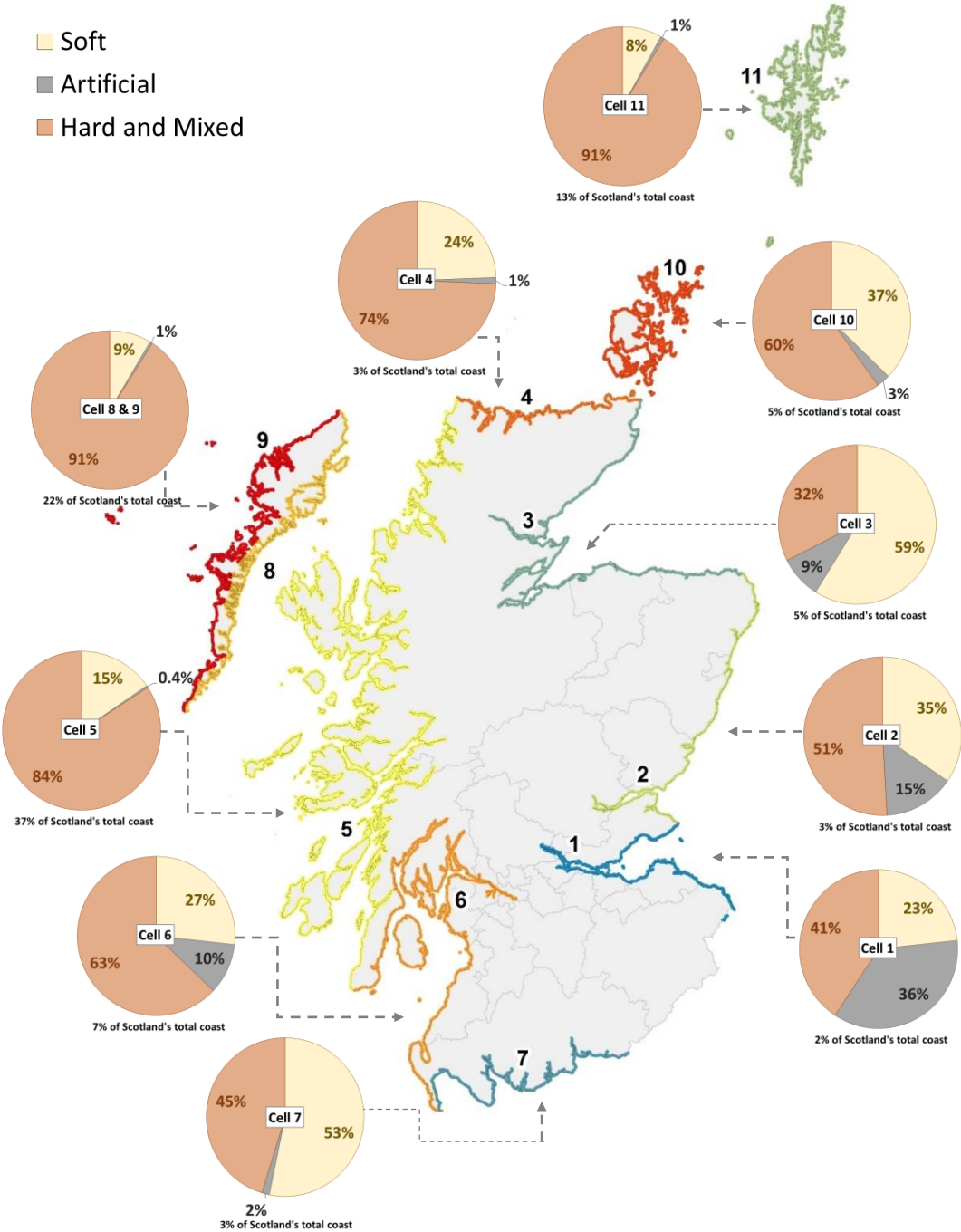




Figure 2.3 Historical coastal change results (not adjusted for time period)

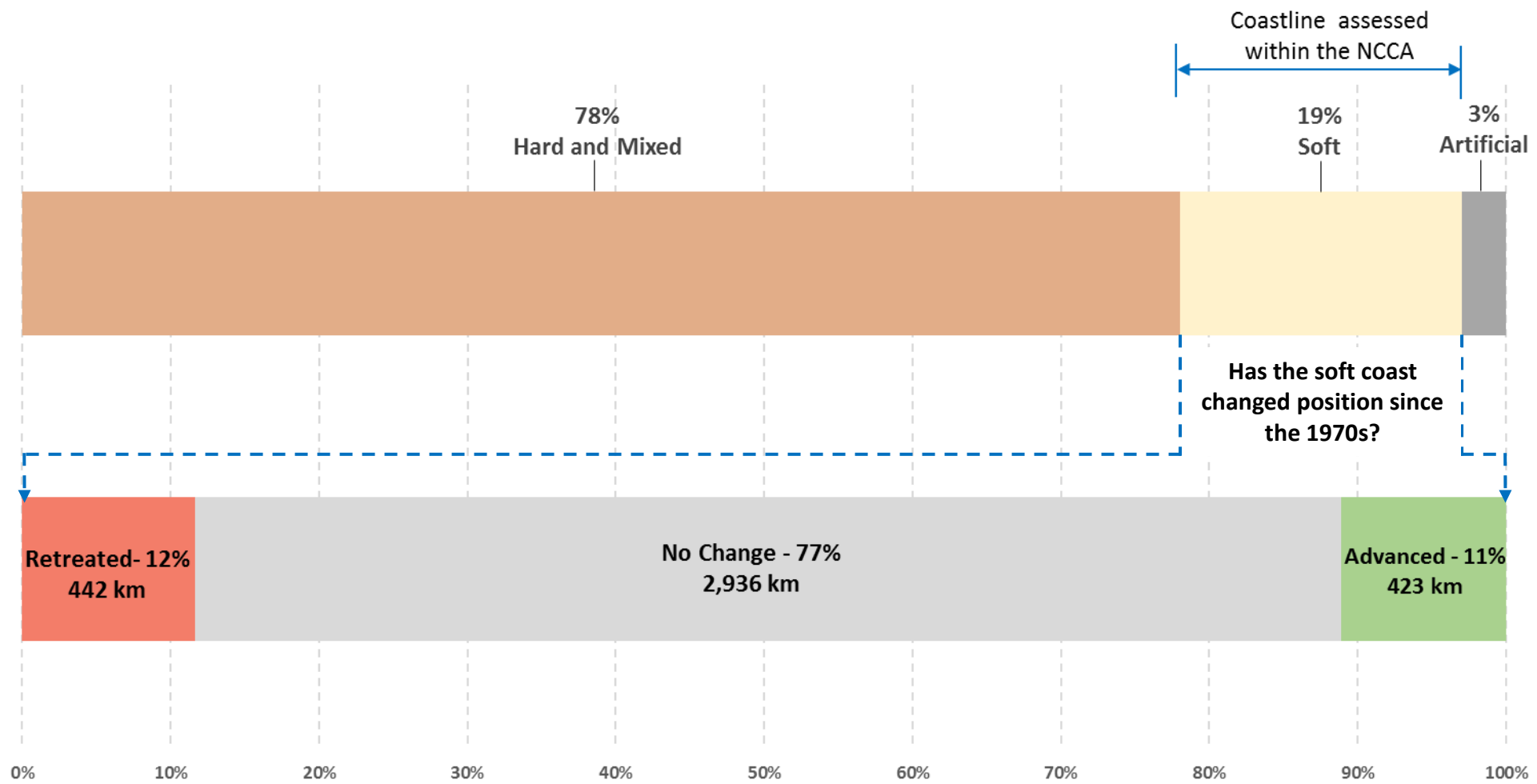




Figure 2.4: The proportion of soft coast that has advanced, retreated, or not changed in the historical (1890-1970) and modern (1970-Modern) time periods (historical data normalised to 37yrs).

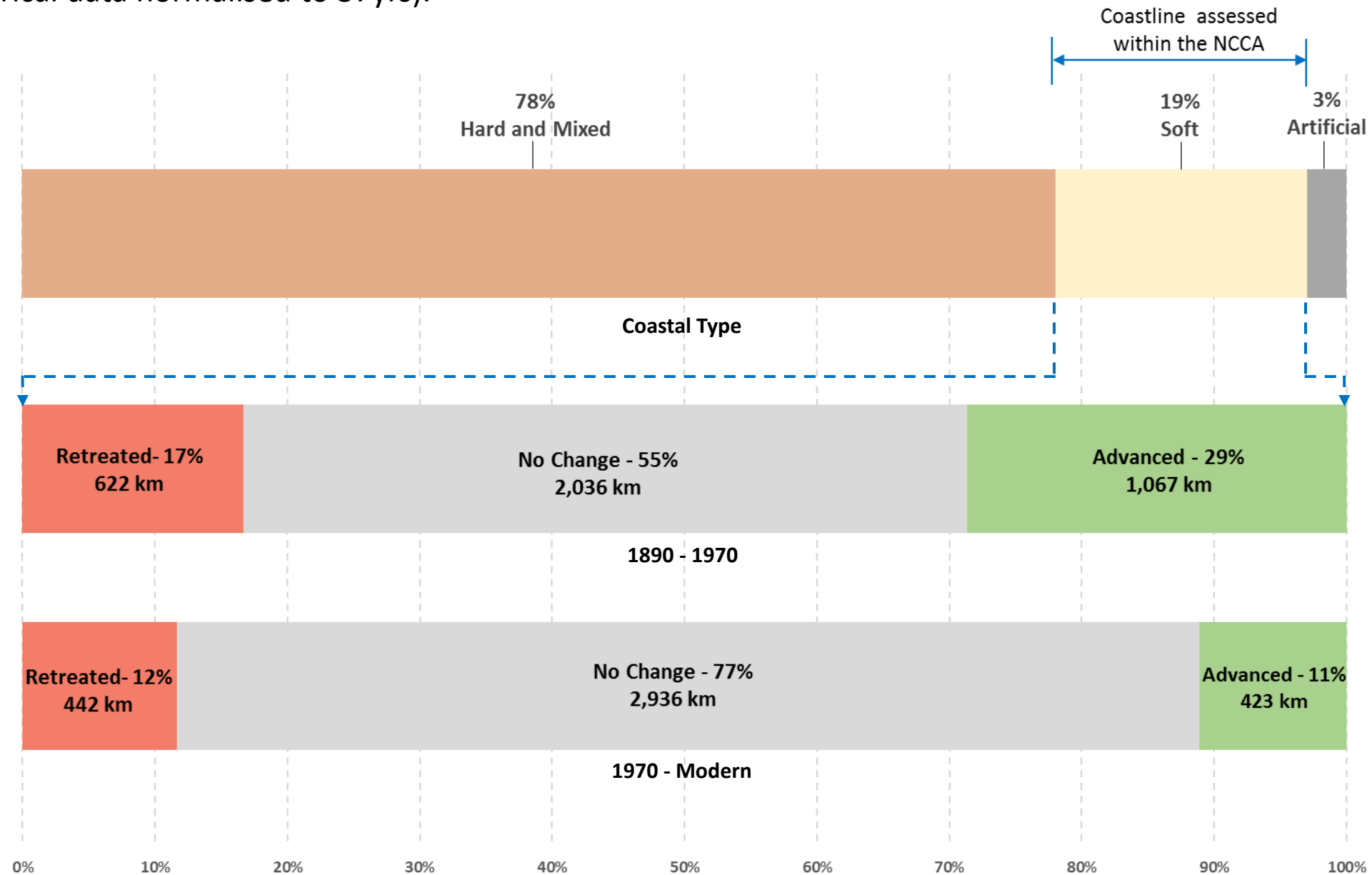
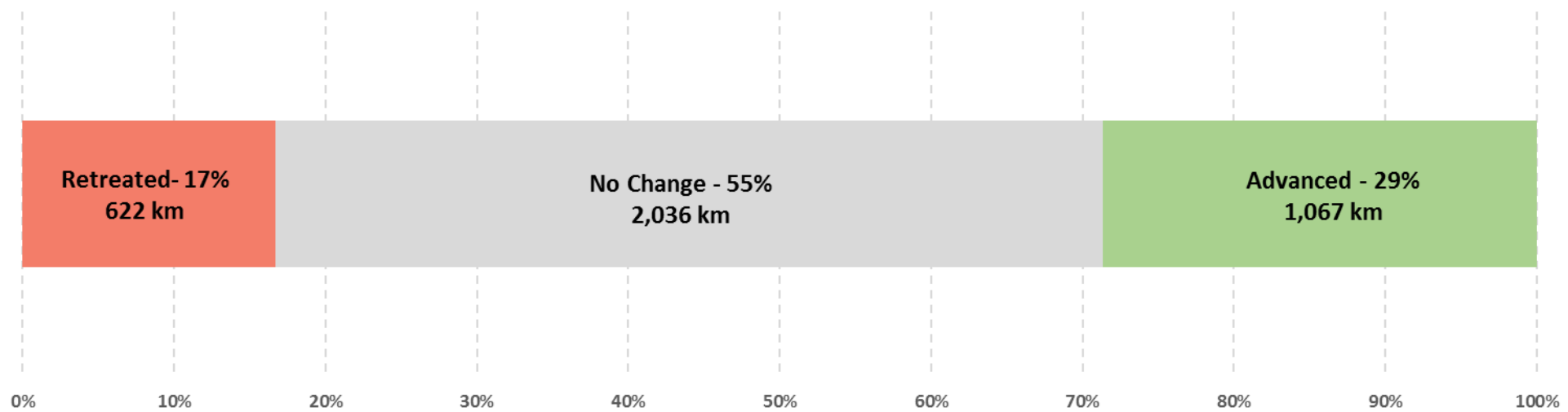


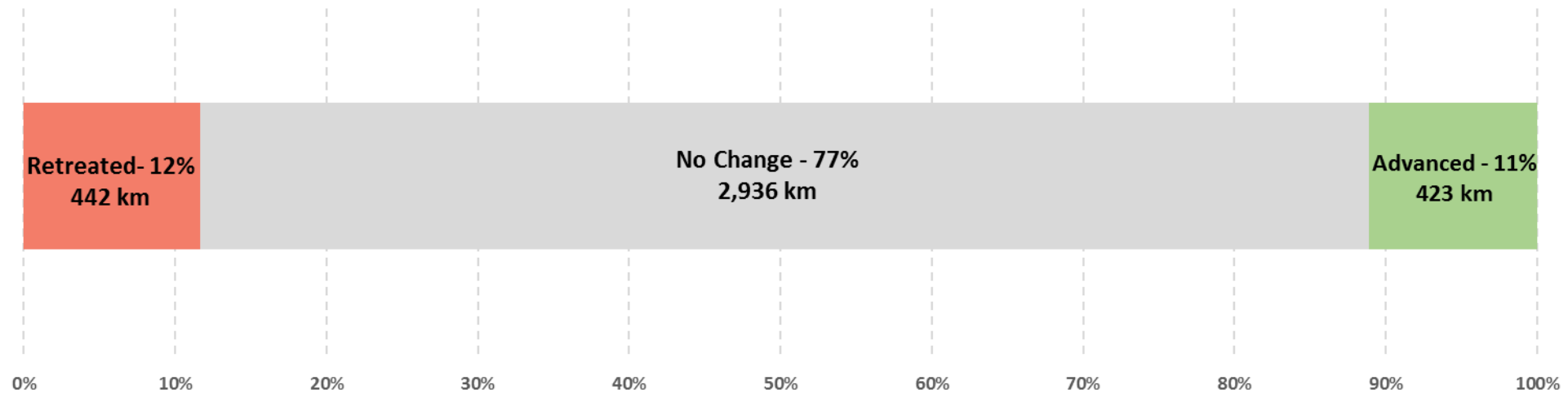


Figure 2.3 Historical coastal change results (1890 – 1970 not adjusted for time period)



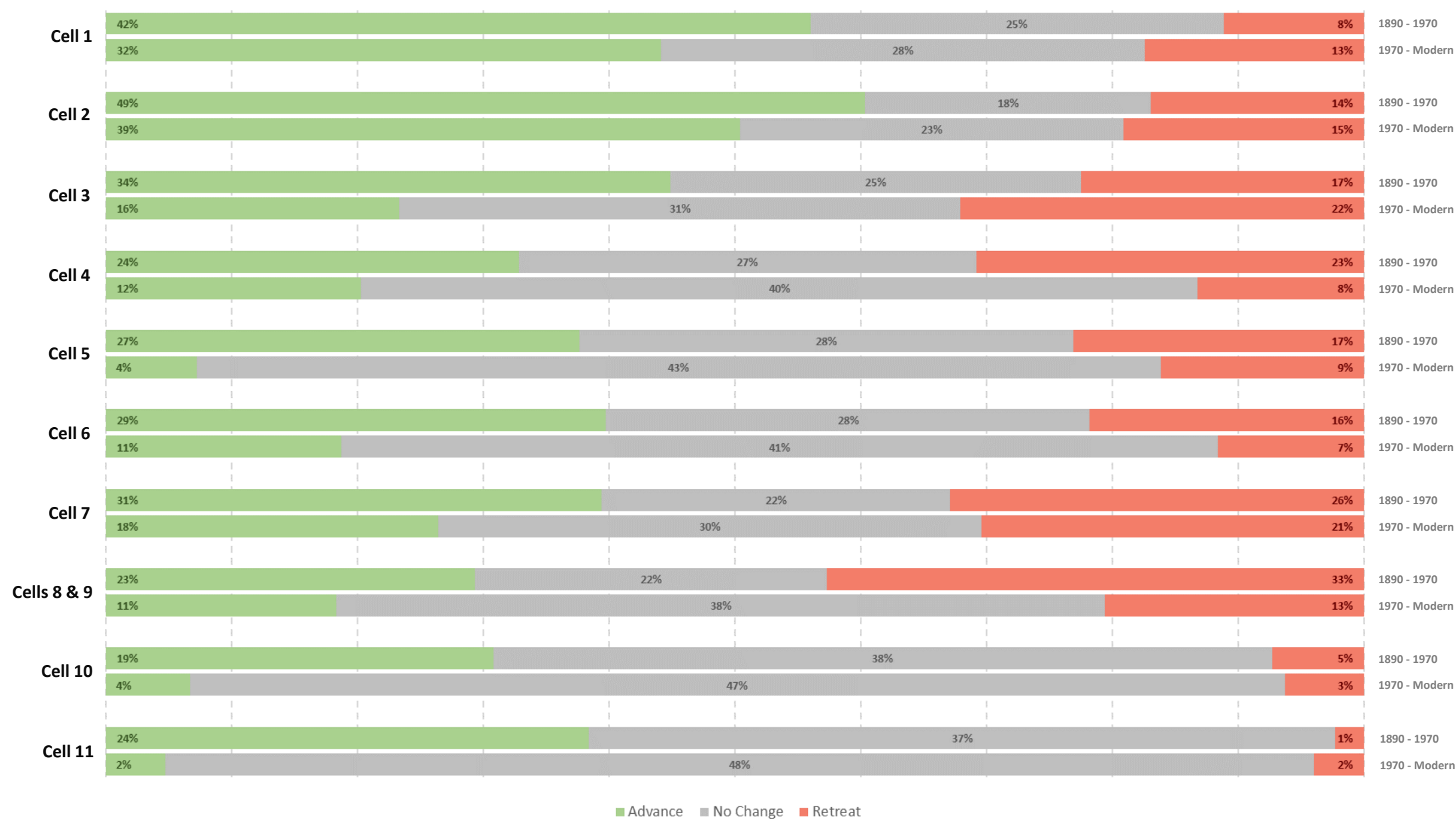


The proportion of soft coast that has advanced, retreated, or not changed in the modern (1970-Modern) time period.



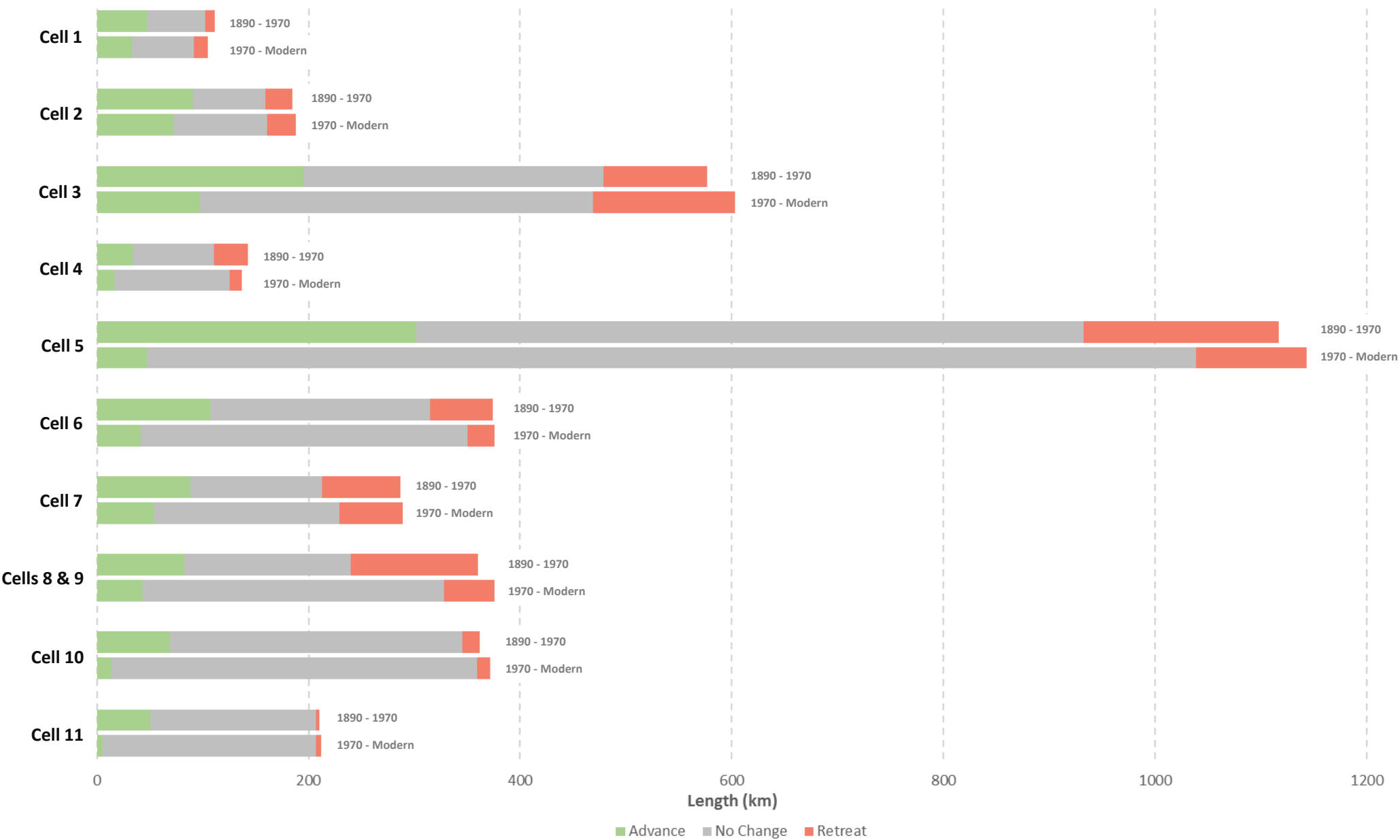


The proportion of soft coasts within each coastal cell that has advanced, retreated, or not changed in the historical (1890-1970) and modern (1970-Modern) time periods (historical data normalised to 37yrs).





The proportion of soft coasts within each coastal cell that has advanced, retreated, or not changed in the historical (1890-1970) and modern (1970-Modern) time periods (historical data normalised to 37yrs).





The proportion of advance, retreat and no change along the soft coast within the 1890-1970 data within each coastal cell. Note the larger proportion of accretion and erosion within the east coast cells and Solway Firth (Cells 1-3 & 7).

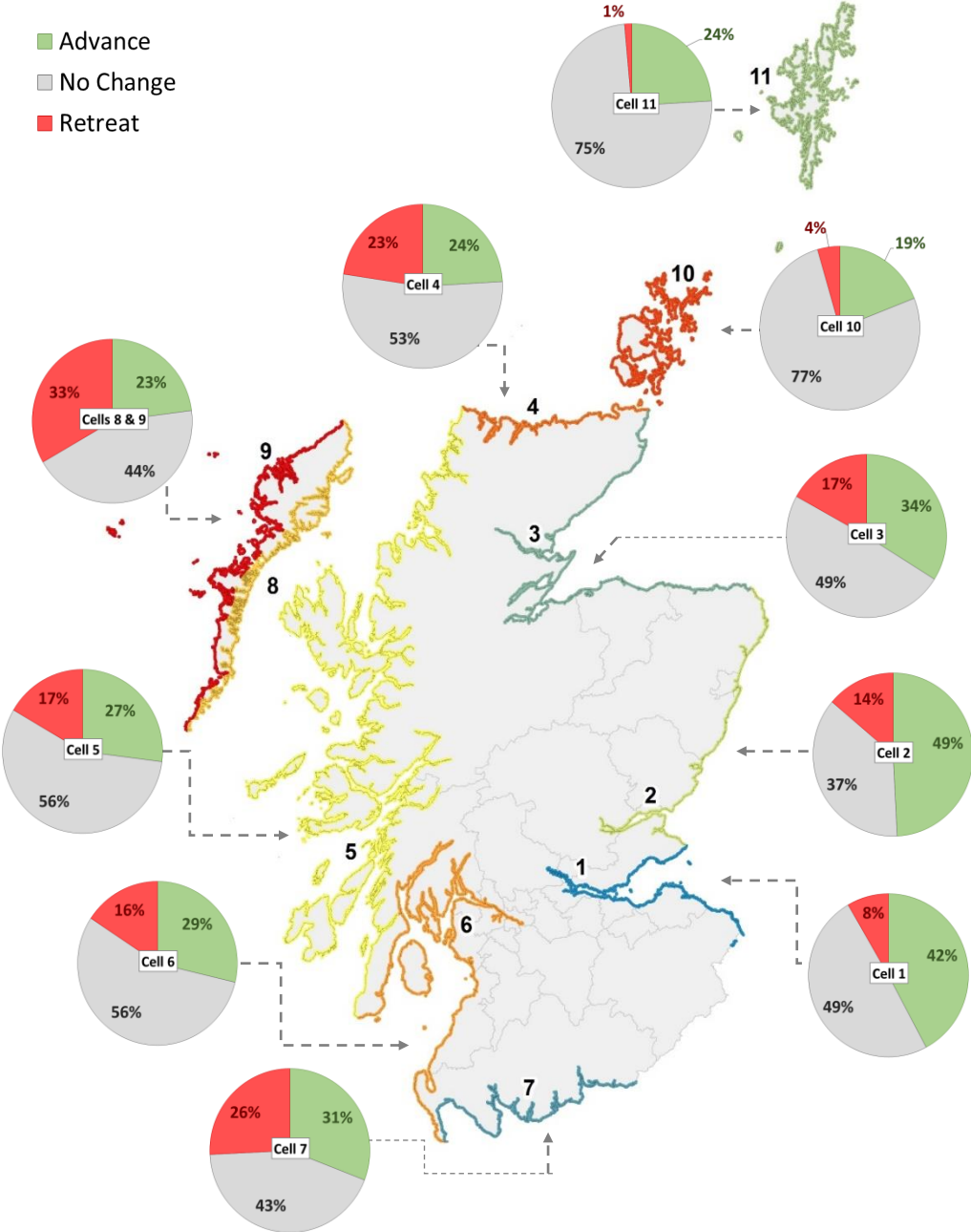




Figure 2.6: The proportion of advance, retreat and no change along the soft coast within the 1970-Modern data within each coastal cell. Note the larger proportion of accretion and erosion within the east coast cells and Solway Firth (Cells 1-3 & 7).

