

comprehensive coastwide coverage (albeit with very little data north of 47°N), these years were used to develop “climatologies” of the spatial distribution of the catch, in order to evaluate where the majority of the catch by species took place, so that “coastwide” indices could be crafted for southerly and northerly distributed species. This time period included years of very high (2009, 2013-2016) as well as very low (but spatially variable, 2005- 2007) abundance, and thus should provide a reasonable characterization of the spatial distributions of most species.