

Appendix 4: Modelled demersal and pelagic fish abundance (catch rate)

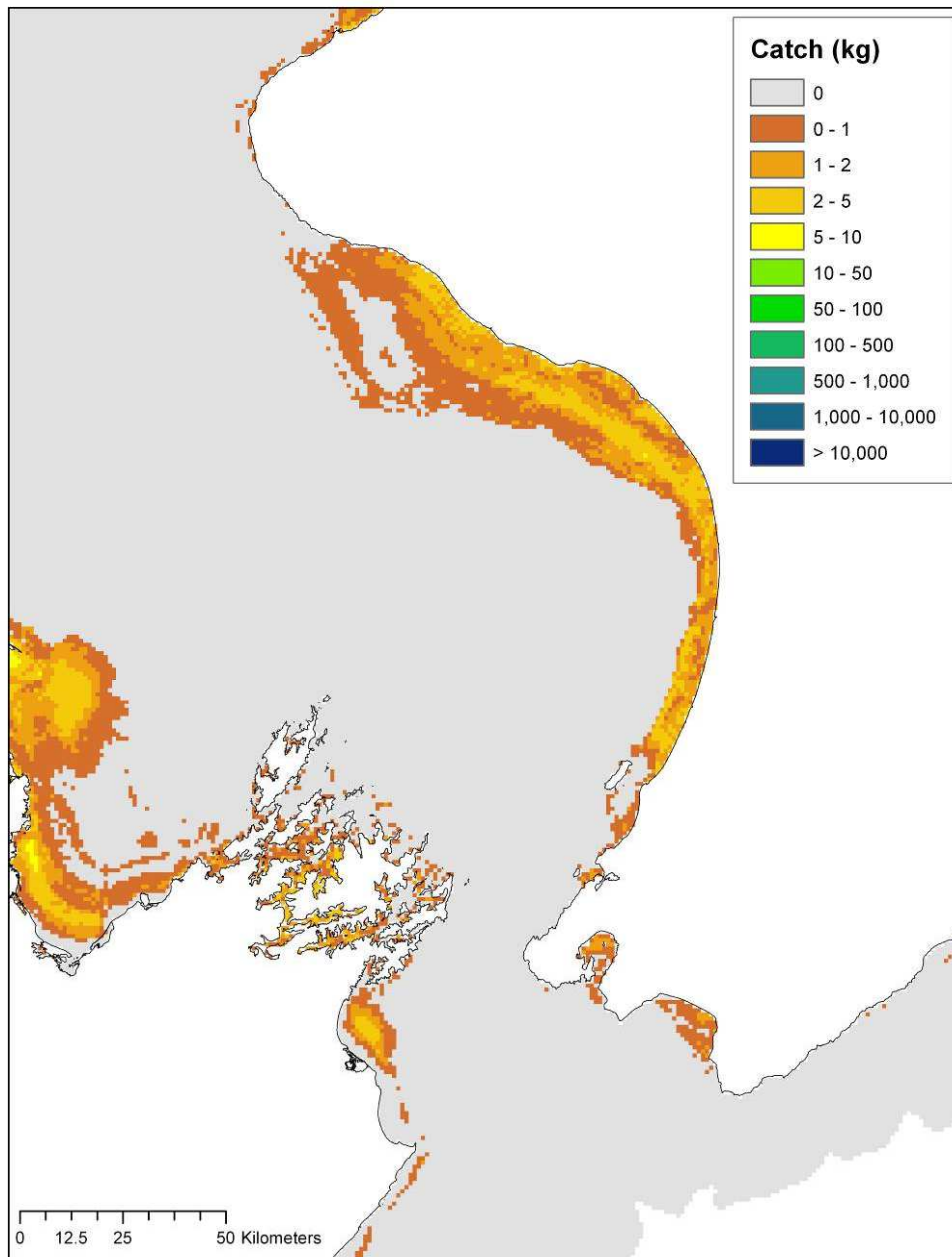


Figure A4.1: Catch (kg per hour) of anchovy (*Engraulis australis*) in a demersal trawl in the South Taranaki Bight region.

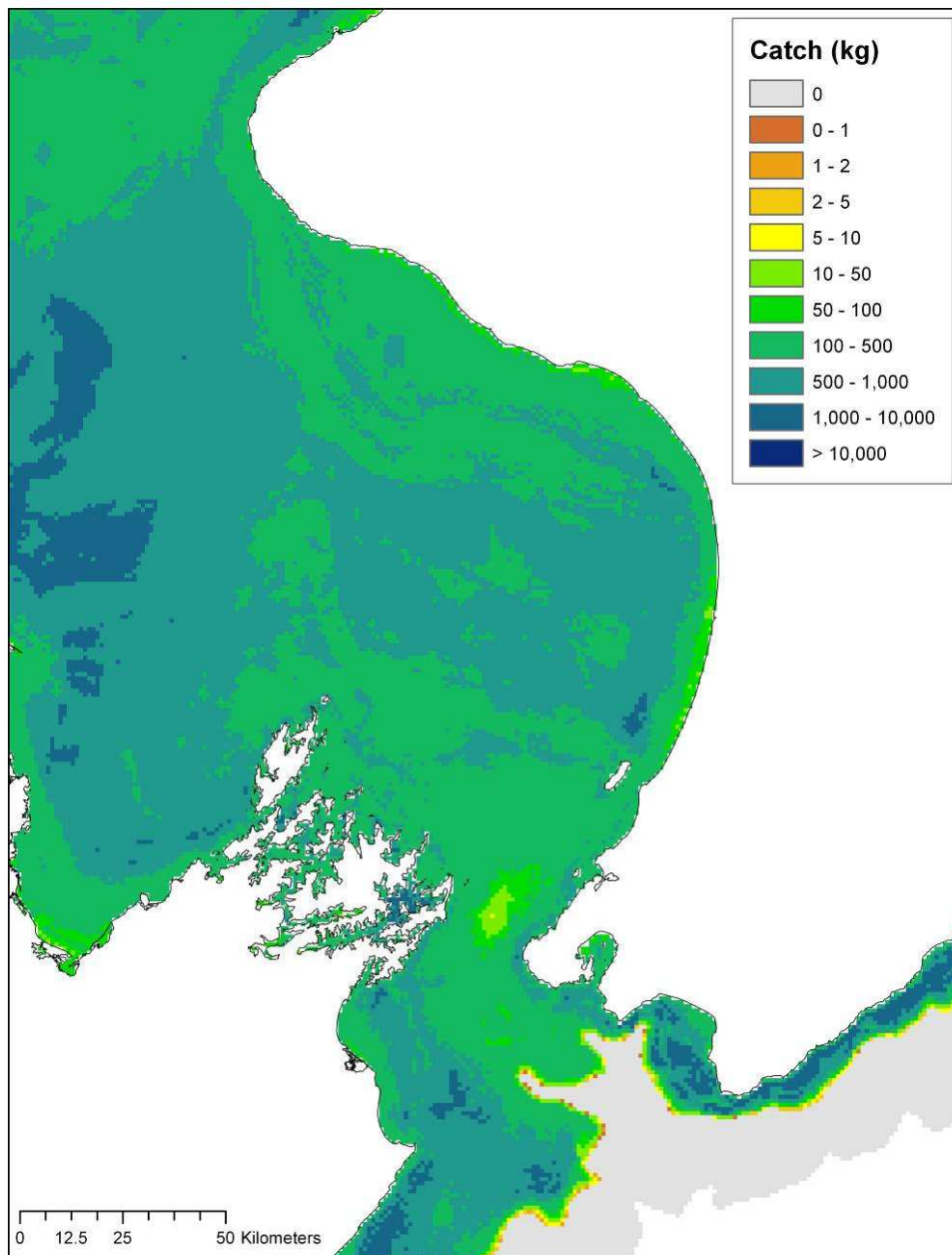


Figure A4.2: Catch (kg per hour) of barracouta (*Thyrsites atun*) in a demersal trawl in the South Taranaki Bight region.

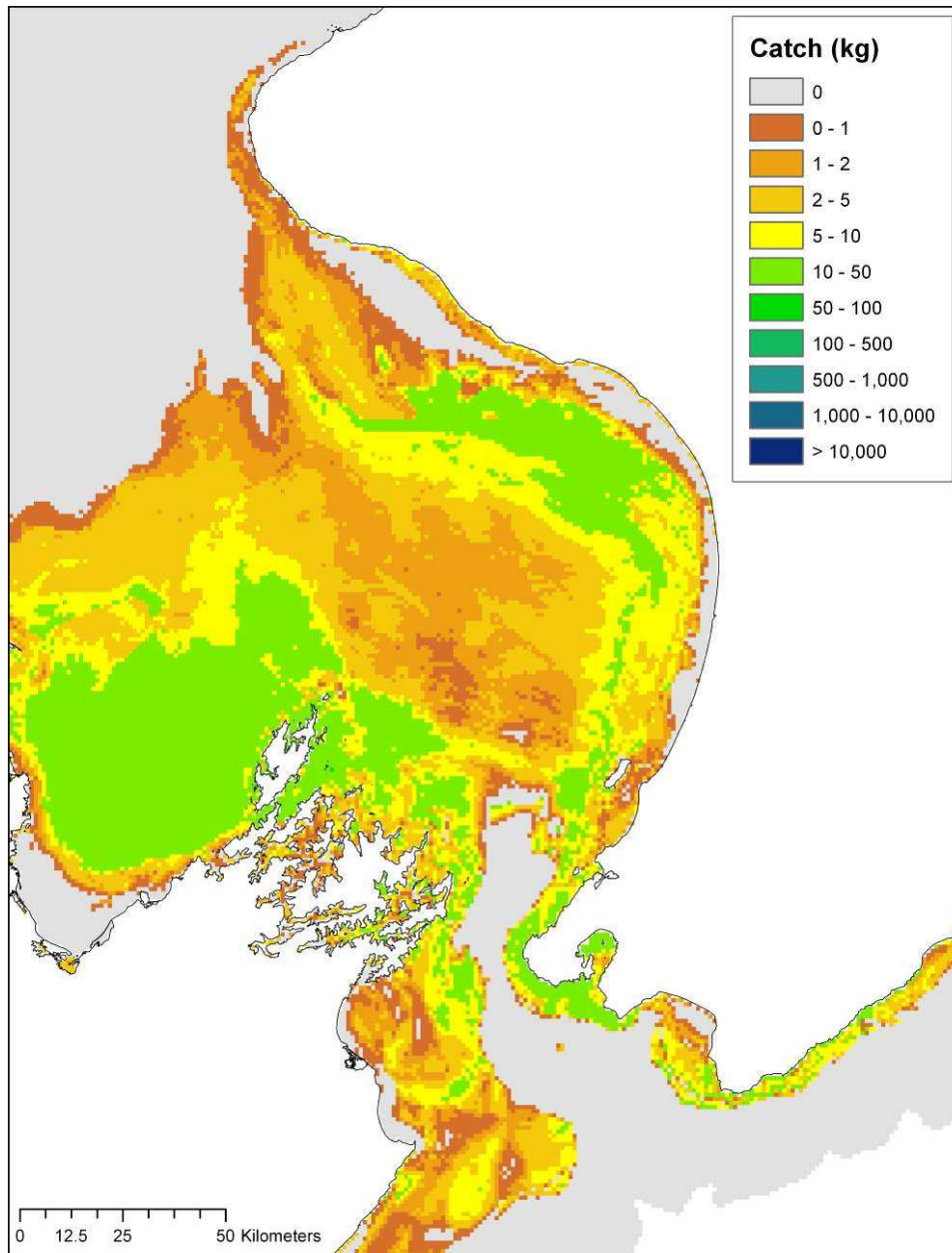


Figure A4.3: Catch (kg per hour) of blue cod (*Parapercis colias*) in a demersal trawl in the South Taranaki Bight region.

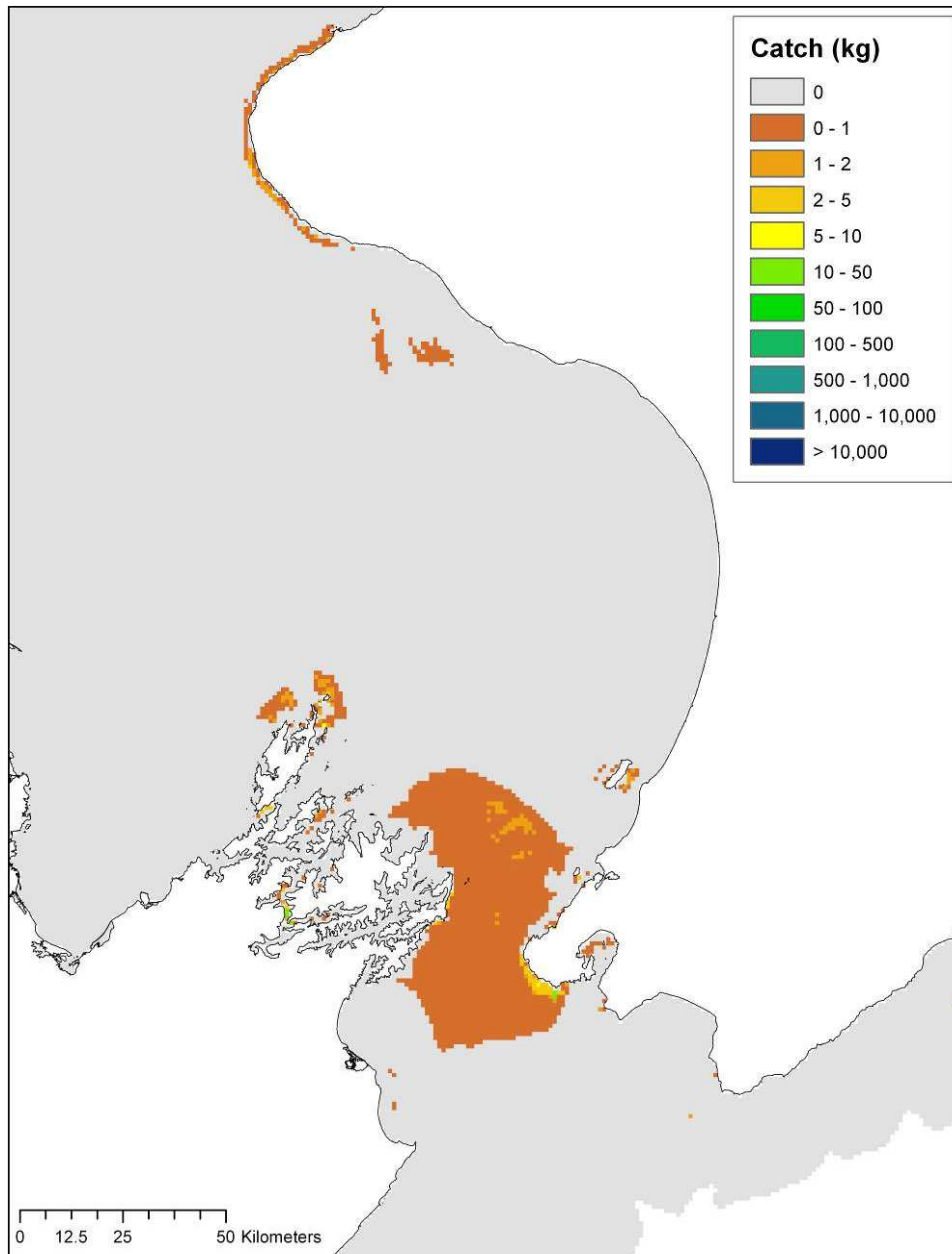


Figure A4.4: Catch (kg per hour) of short-tailed black ray (*Dasyatis brevicaudata*) in a demersal trawl in the South Taranaki Bight region.

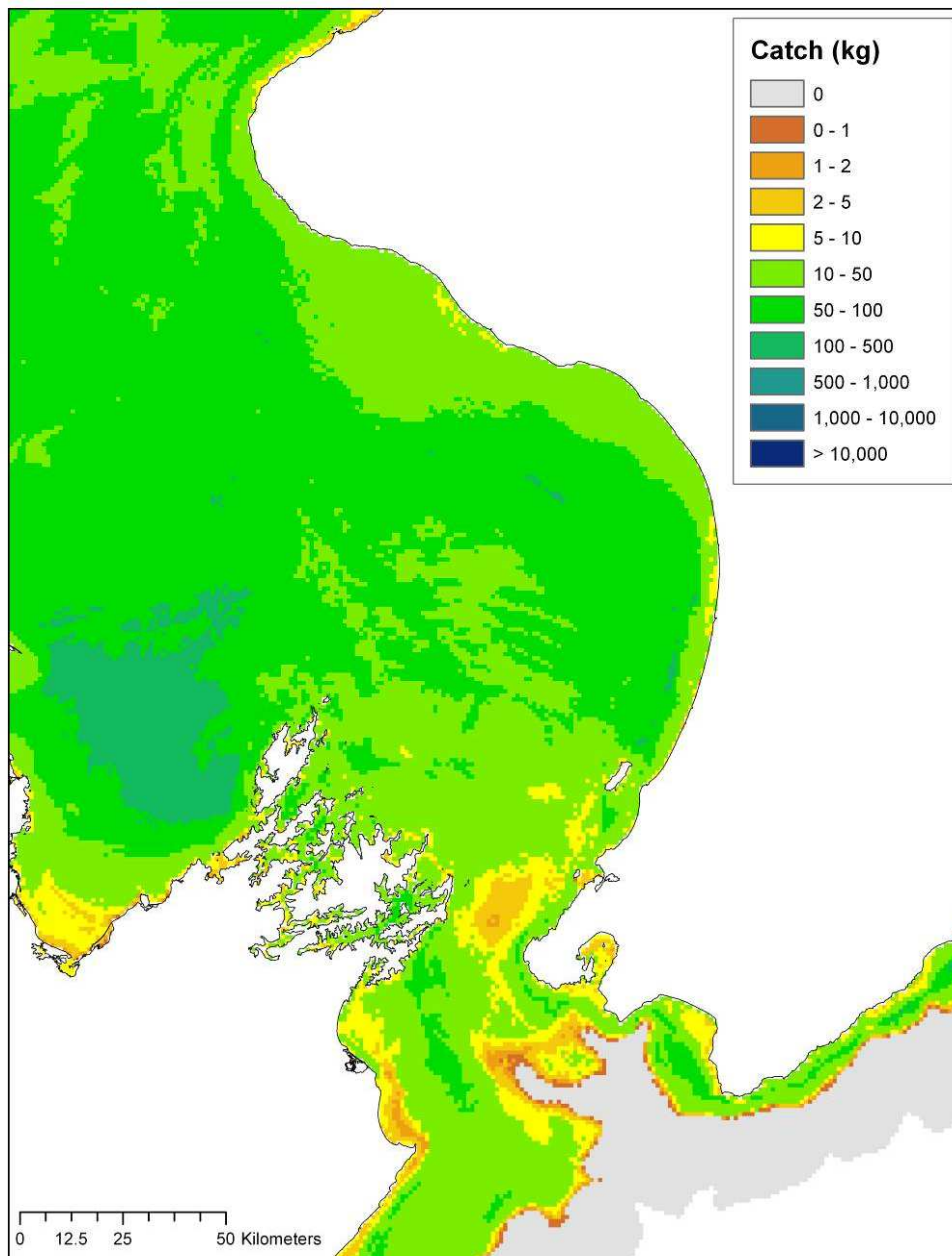


Figure A4.5: Catch (kg per hour) of carpet shark (*Cephaloscyllium isabellum*) in a demersal trawl in the South Taranaki Bight region.

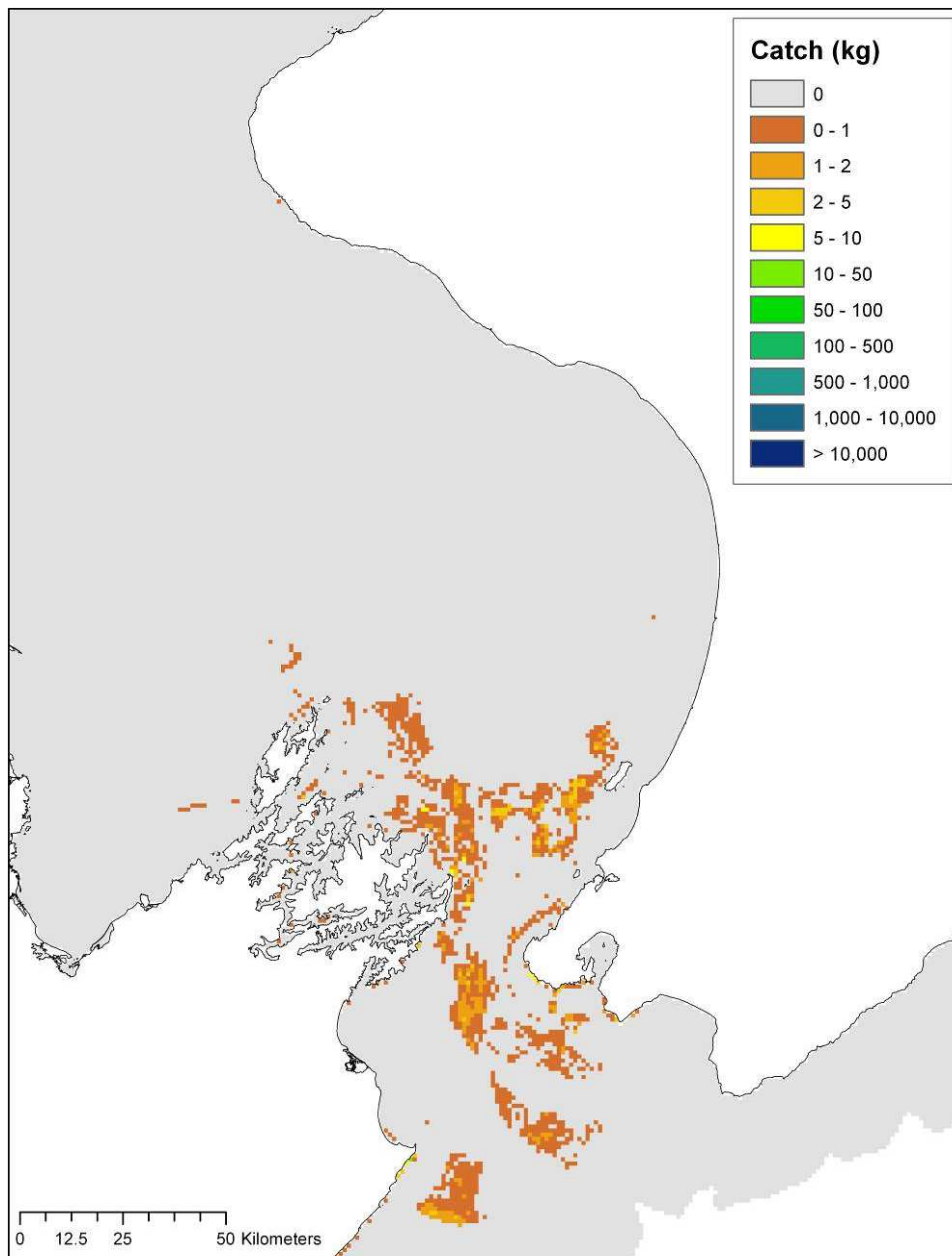


Figure A4.6: Catch (kg per hour) of crested bellowsfish (*Notopogon lillei*) in a demersal trawl in the South Taranaki Bight region.

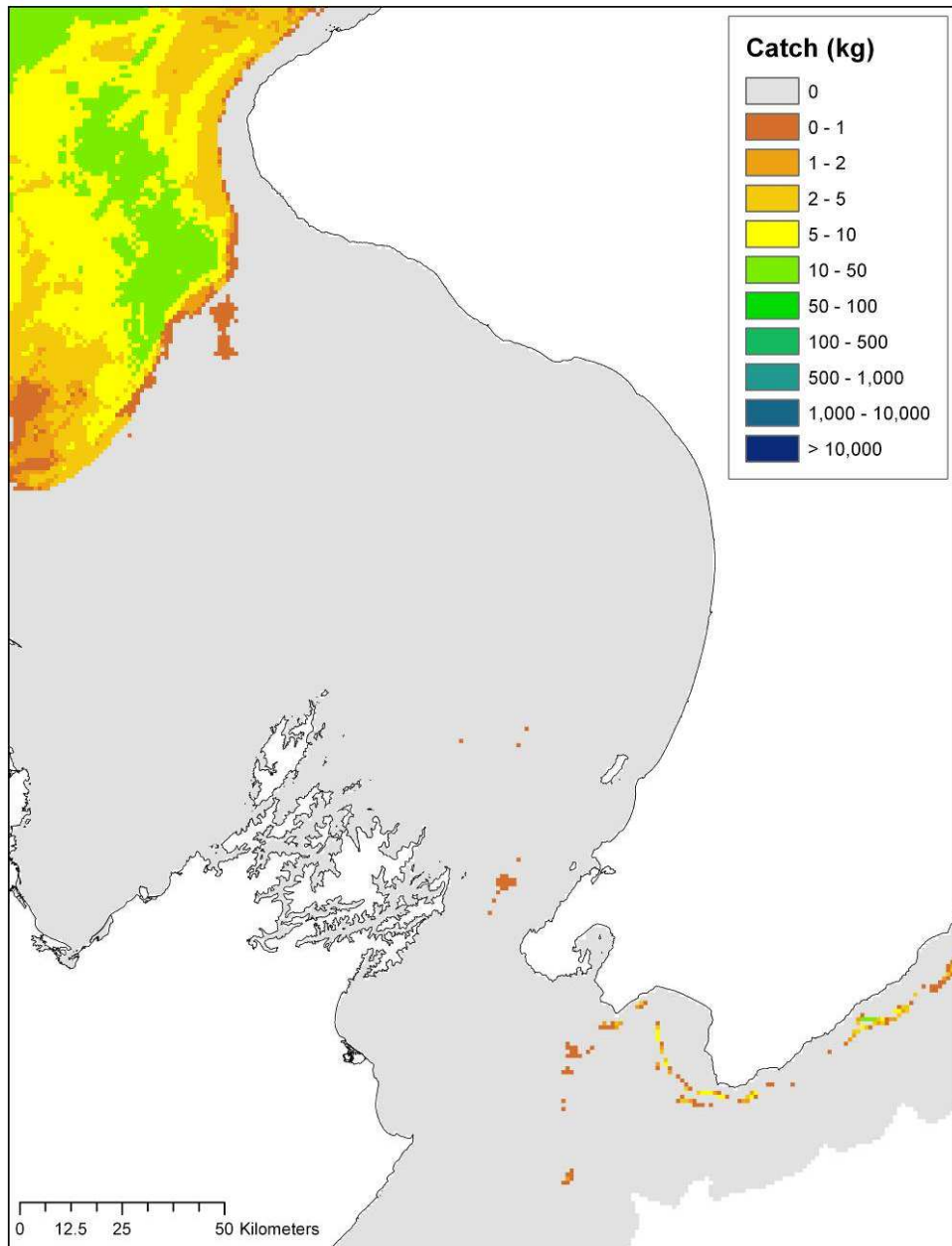


Figure A4.7: Catch (kg per hour) of cucumber fish (*Chlorophthalmus nigripinnis*) in a demersal trawl in the South Taranaki Bight region.

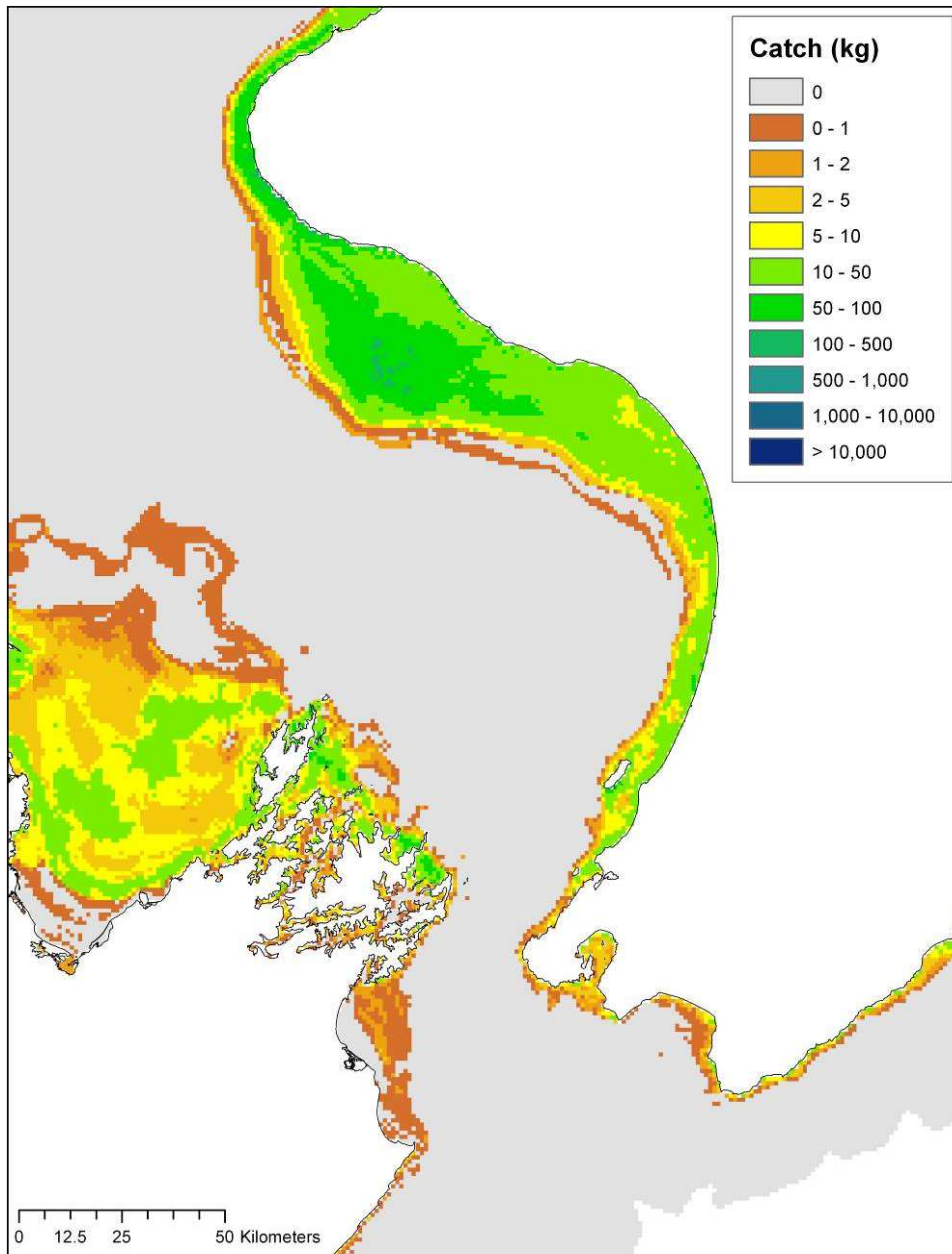


Figure A4.8: Catch (kg per hour) of eagle Ray (*Myliobatis tenuicaudatus*) in a demersal trawl in the South Taranaki Bight region.

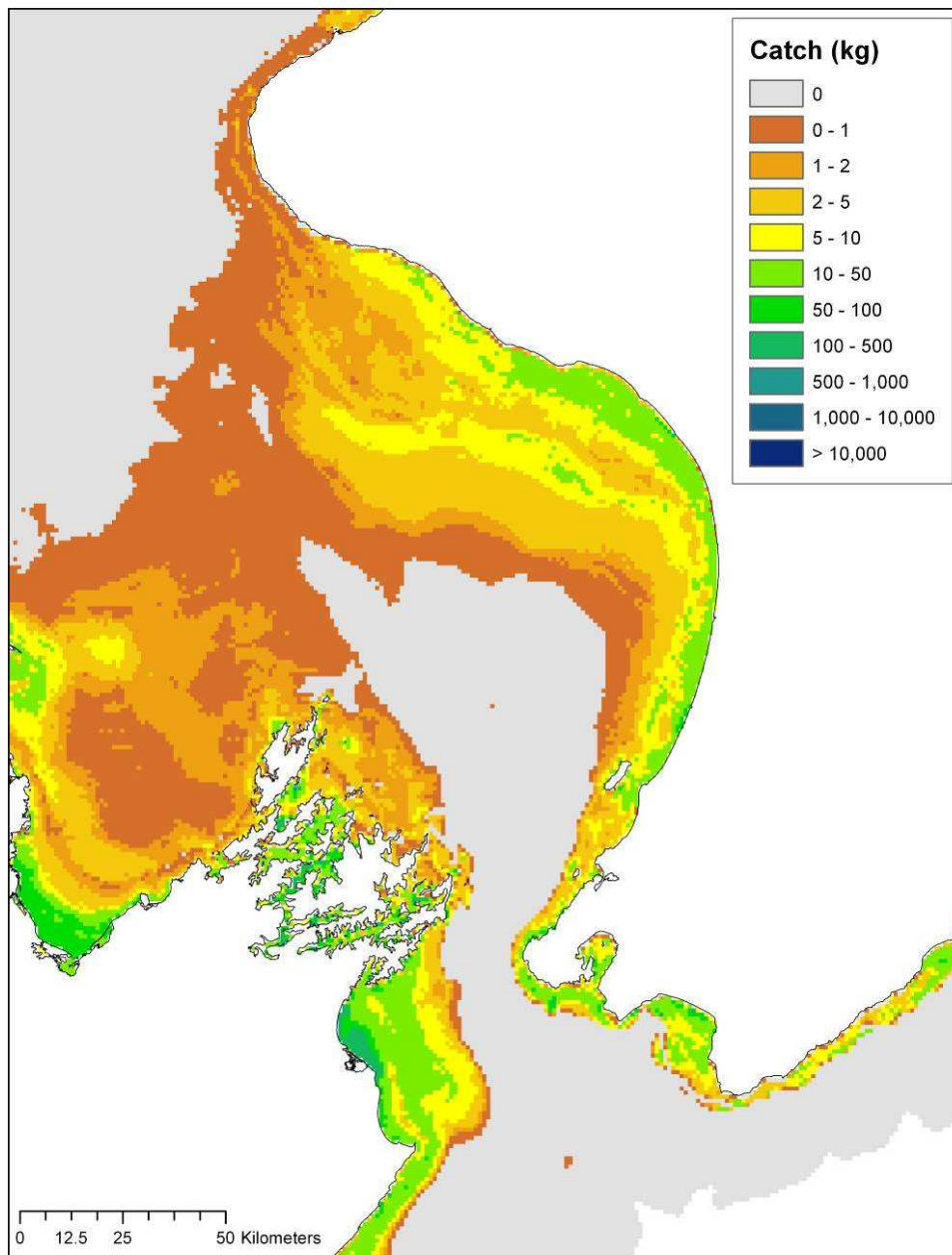


Figure A4.9: Catch (kg per hour) of elephant fish (*Callorhinchus milii*) in a demersal trawl in the South Taranaki Bight region.

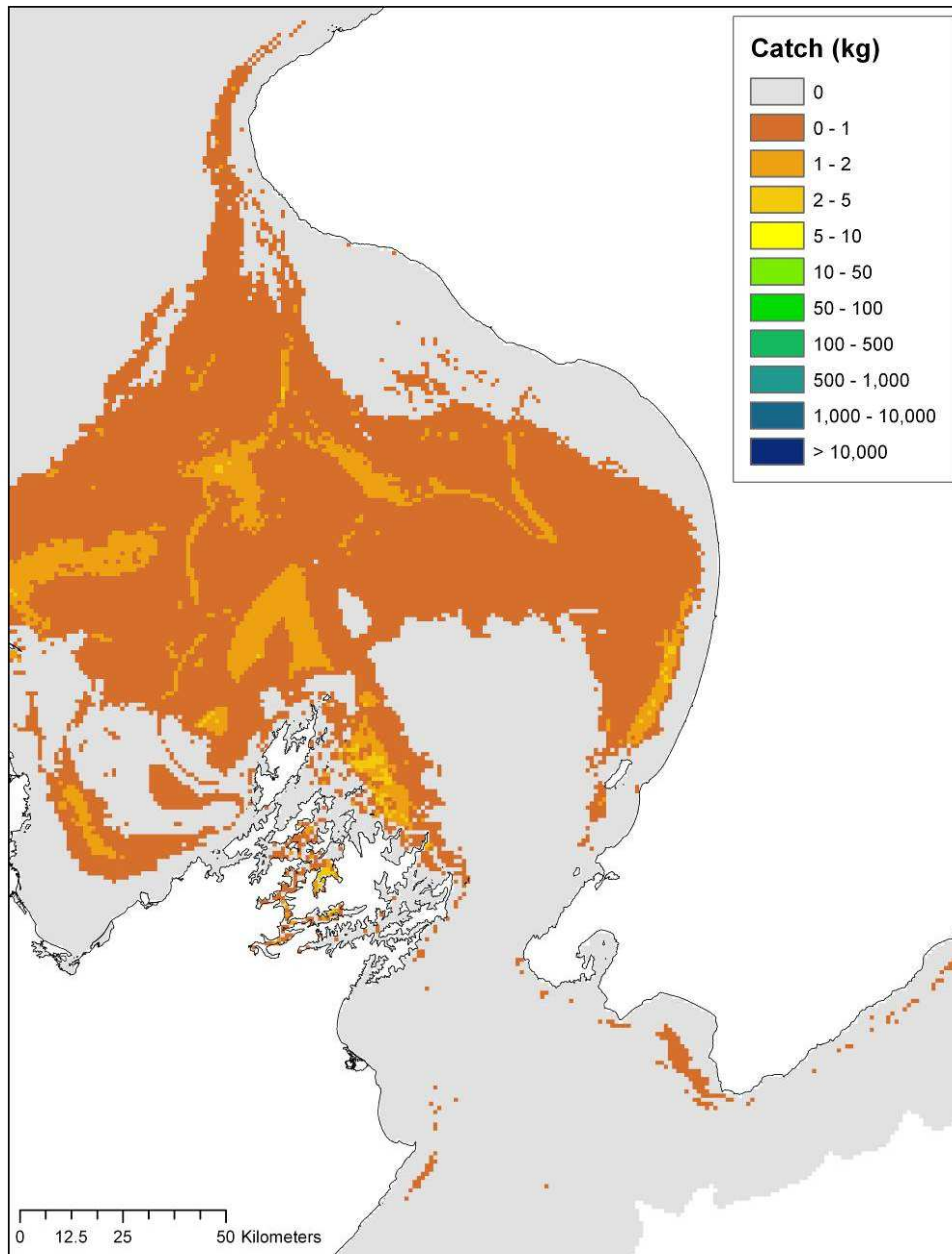


Figure A4.10: Catch (kg per hour) of blue mackerel (*Scomber australasicus*) in a demersal trawl in the South Taranaki Bight region.

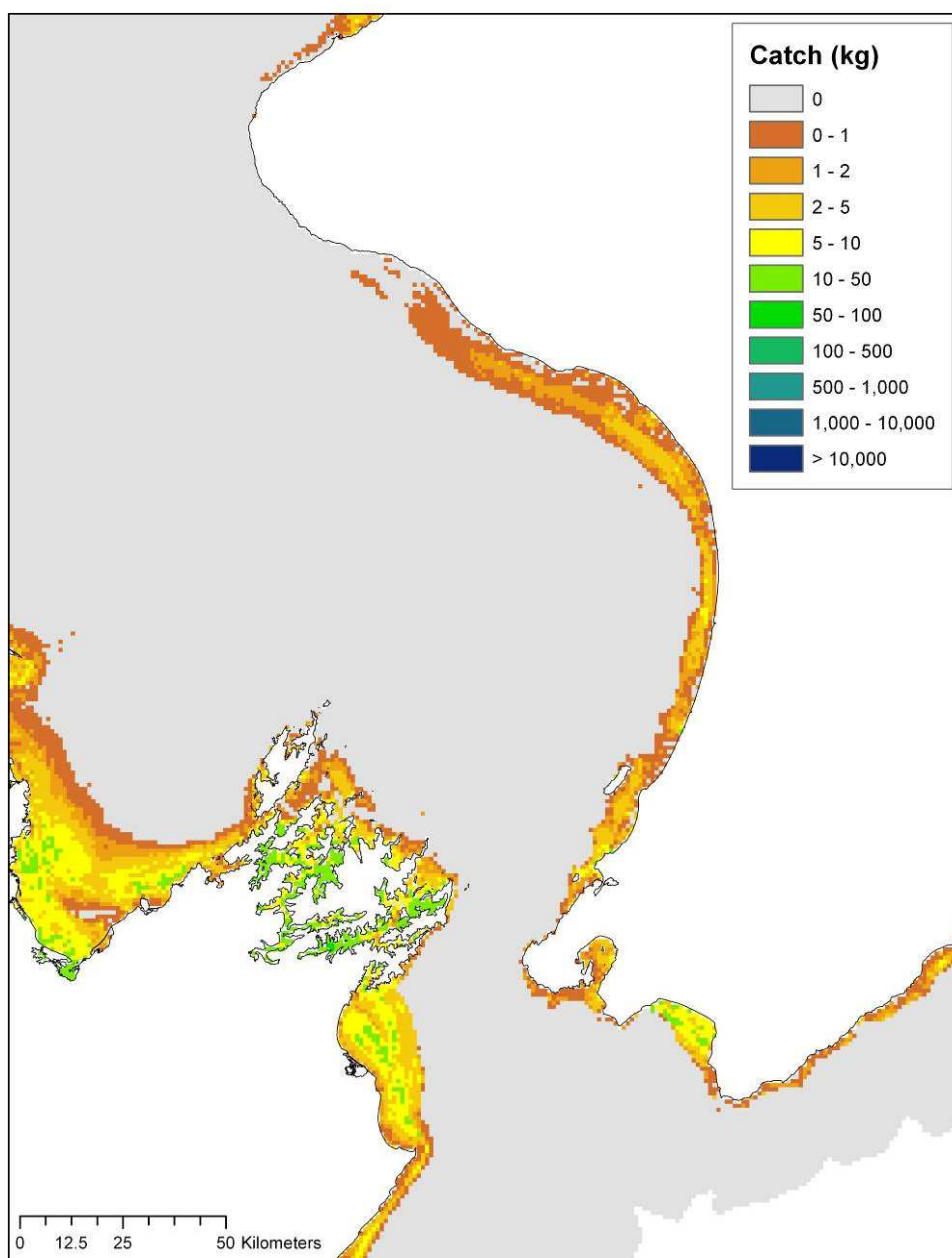


Figure A4.11: Catch (kg per hour) of N.Z. sole (*Peltorhamphus novaezeelandiae*) in a demersal trawl in the South Taranaki Bight region.

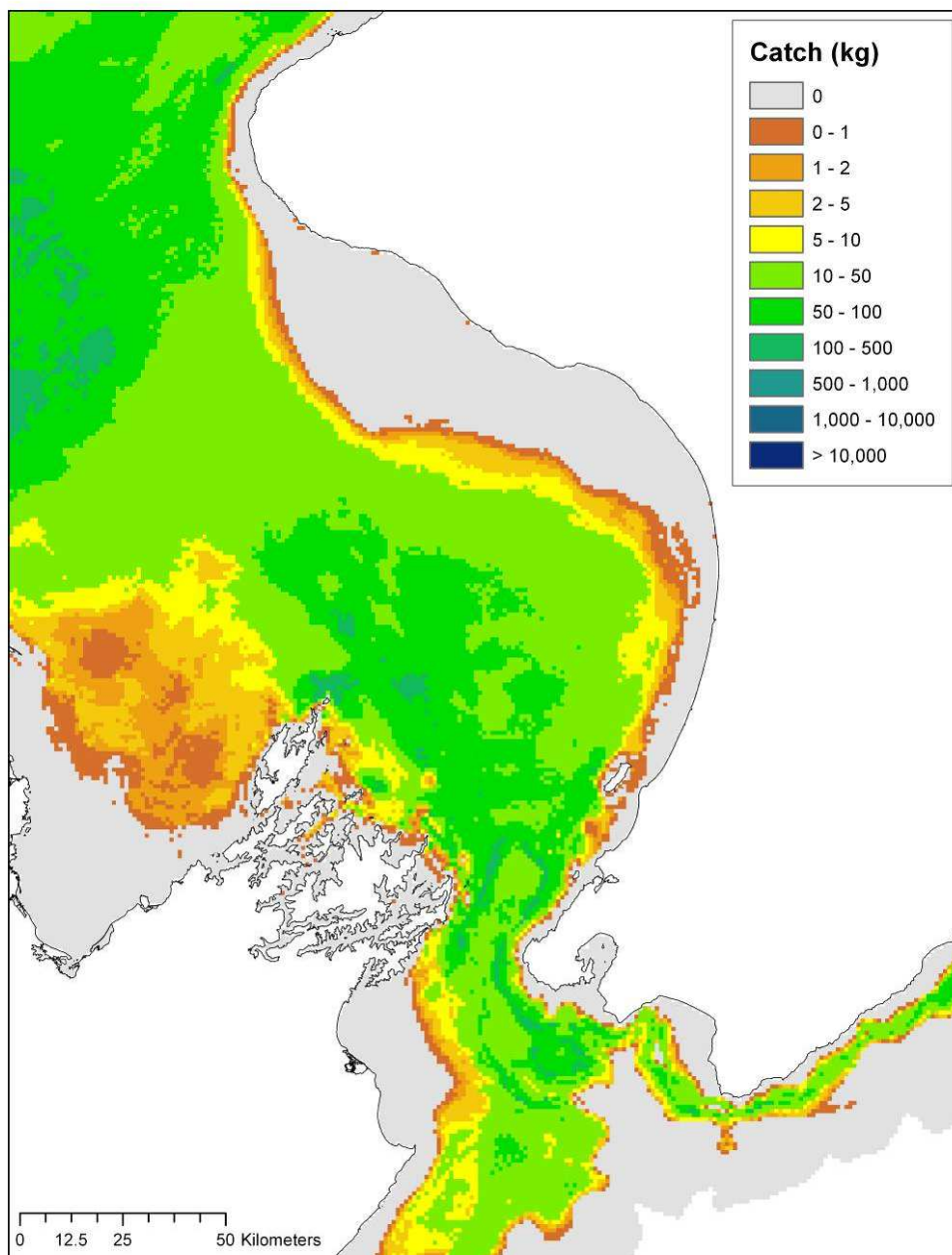


Figure A4.12: Catch (kg per hour) of frostfish (*Lepidopus caudatus*) in a demersal trawl in the South Taranaki Bight region.

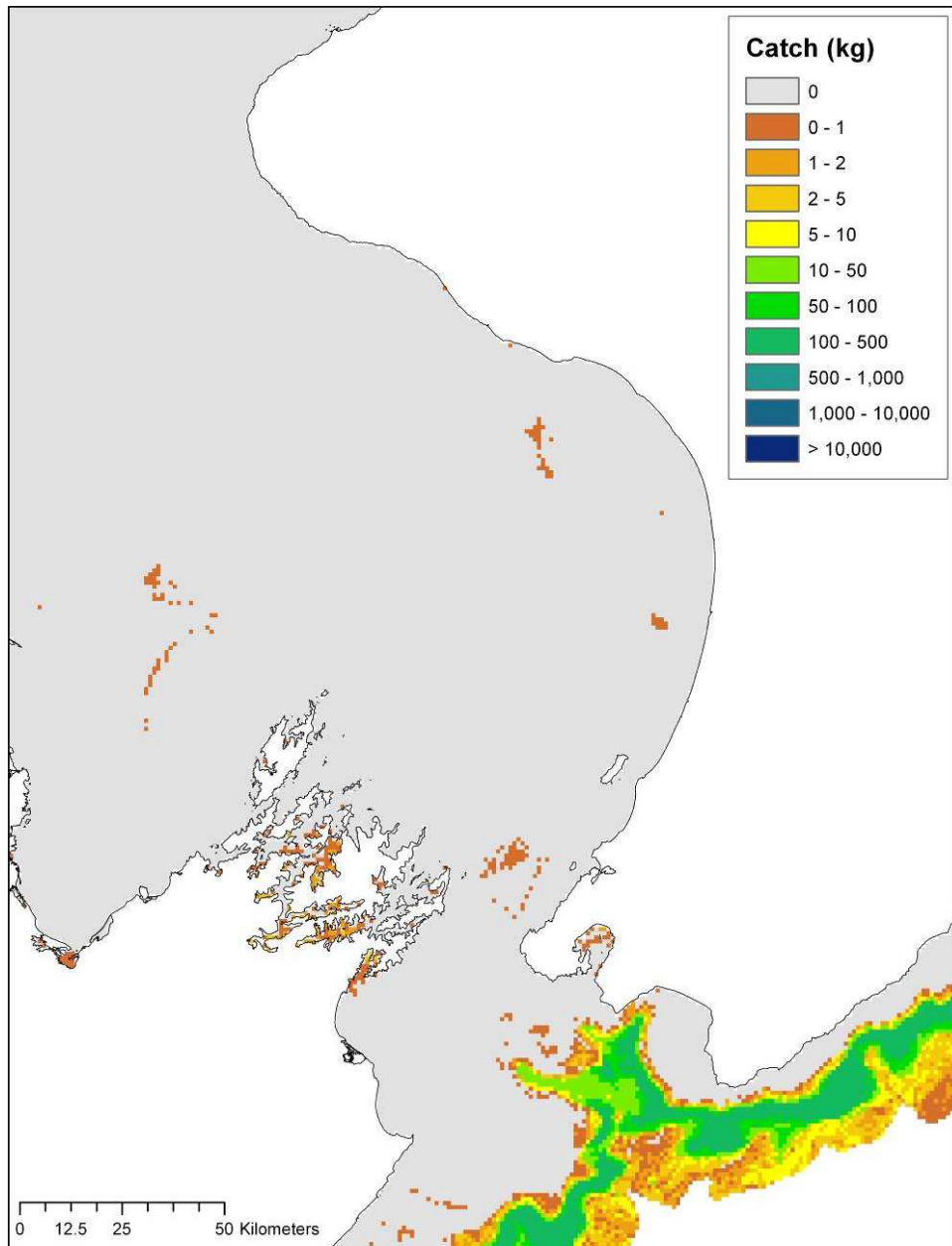


Figure A4.13: Catch (kg per hour) of pale ghost shark (*Hydrolagus bemisi*) in a demersal trawl in the South Taranaki Bight region.

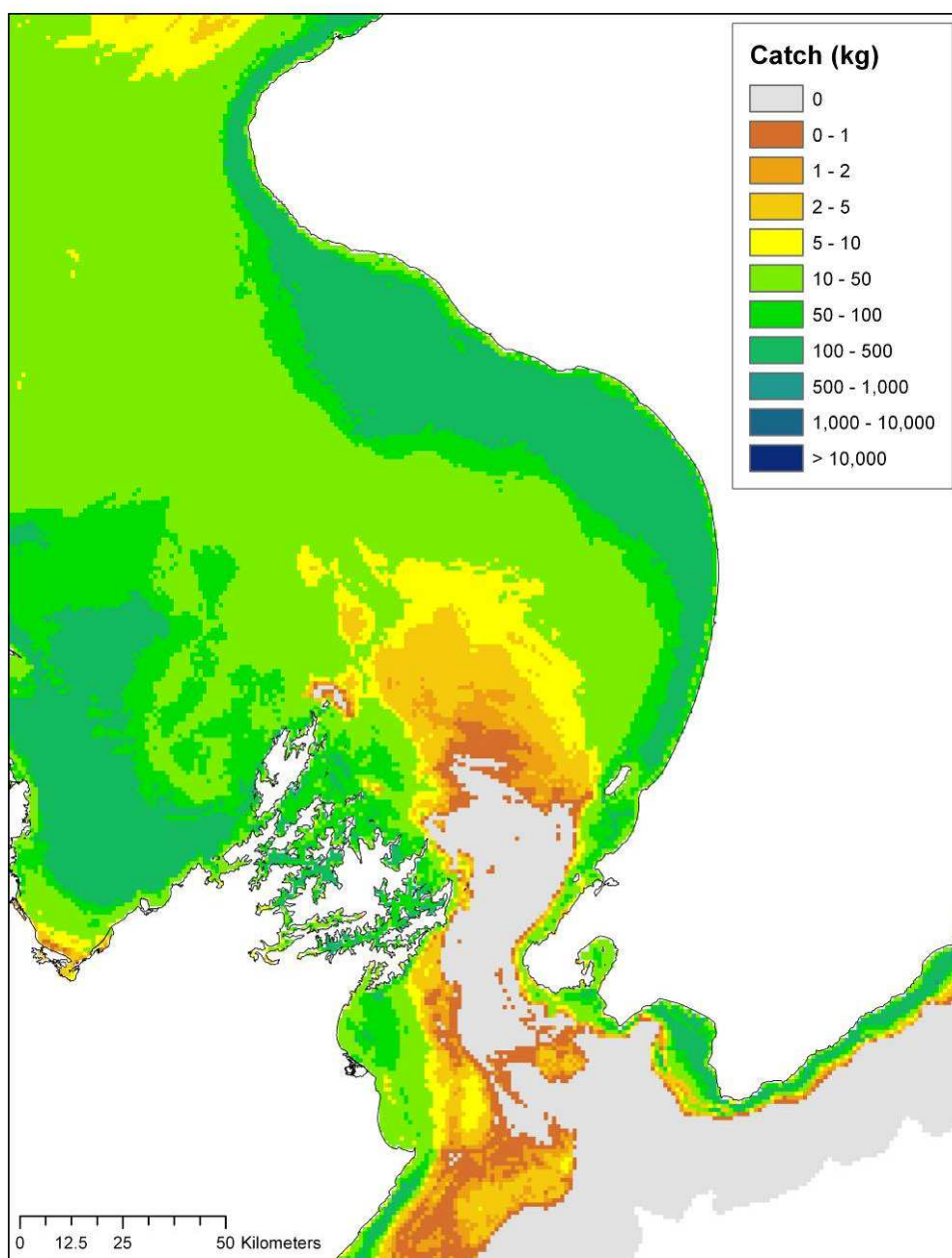


Figure A4.14: Catch (kg per hour) of gurnard (*Chelidonichthys kumu*) in a demersal trawl in the South Taranaki Bight region.

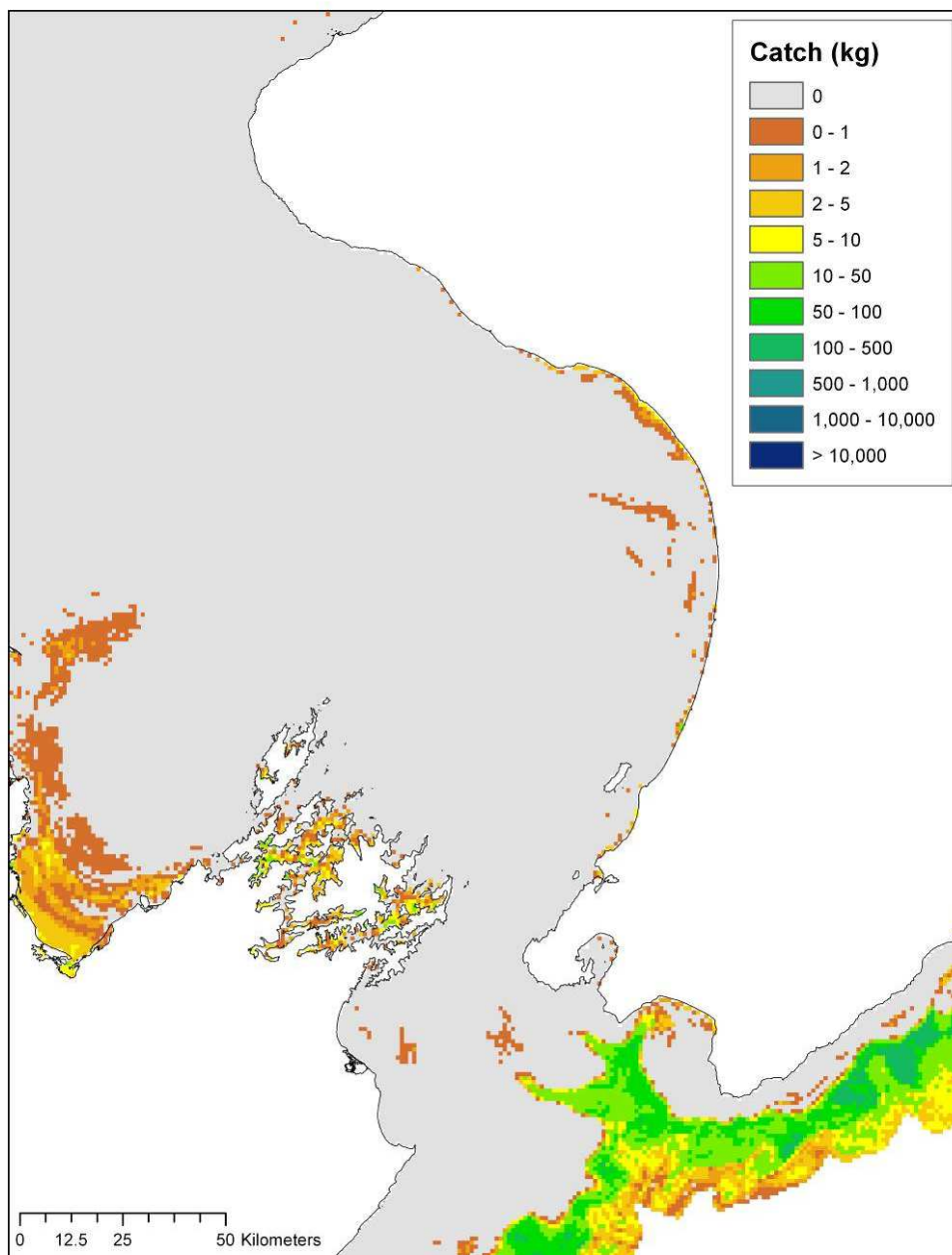


Figure A4.15: Catch (kg per hour) of Hake (*Merluccius australis*) in a demersal trawl in the South Taranaki Bight region.

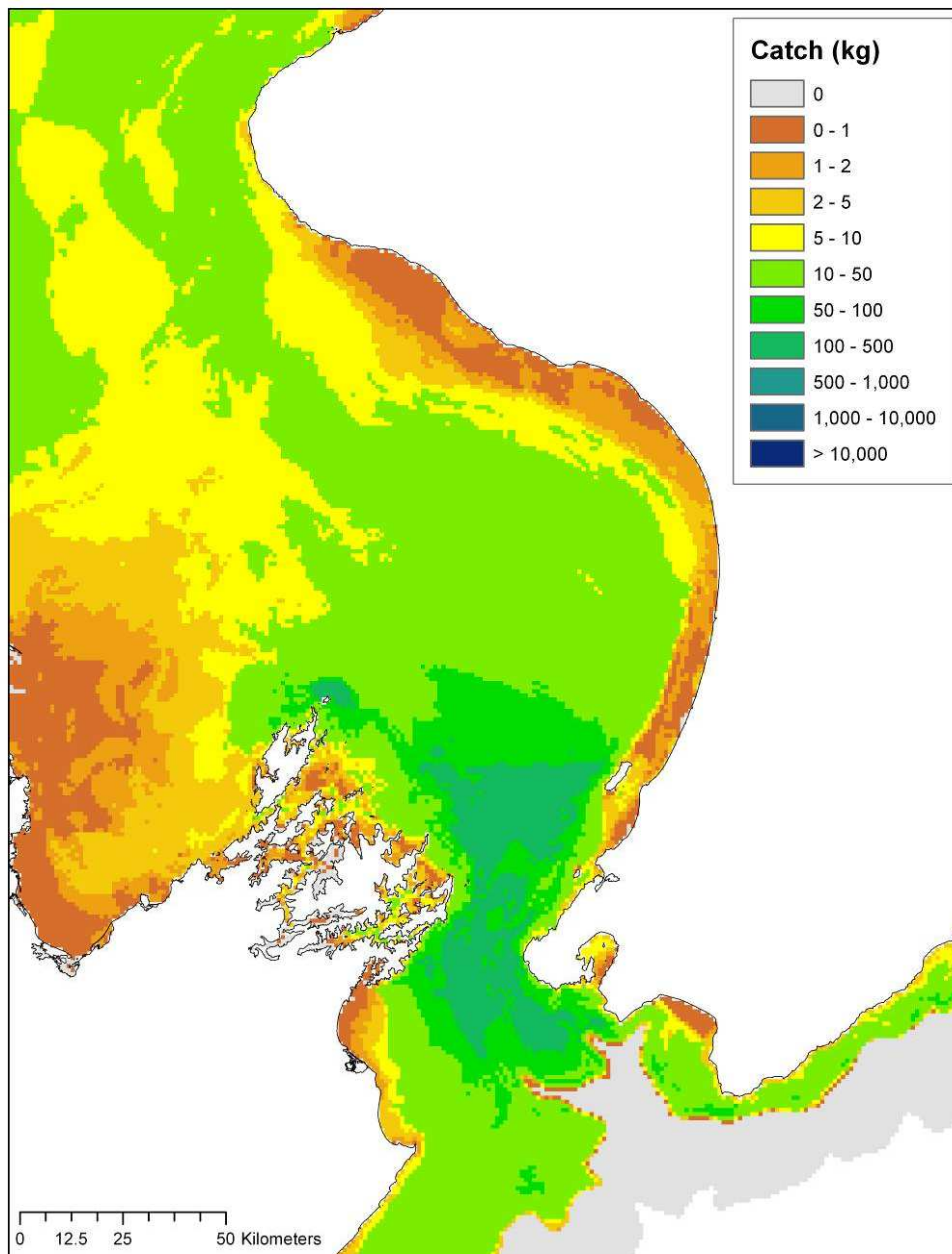


Figure A4.16: Catch (kg per hour) of hapuka (*Polyprion oxygeneios*) in a demersal trawl in the South Taranaki Bight region.

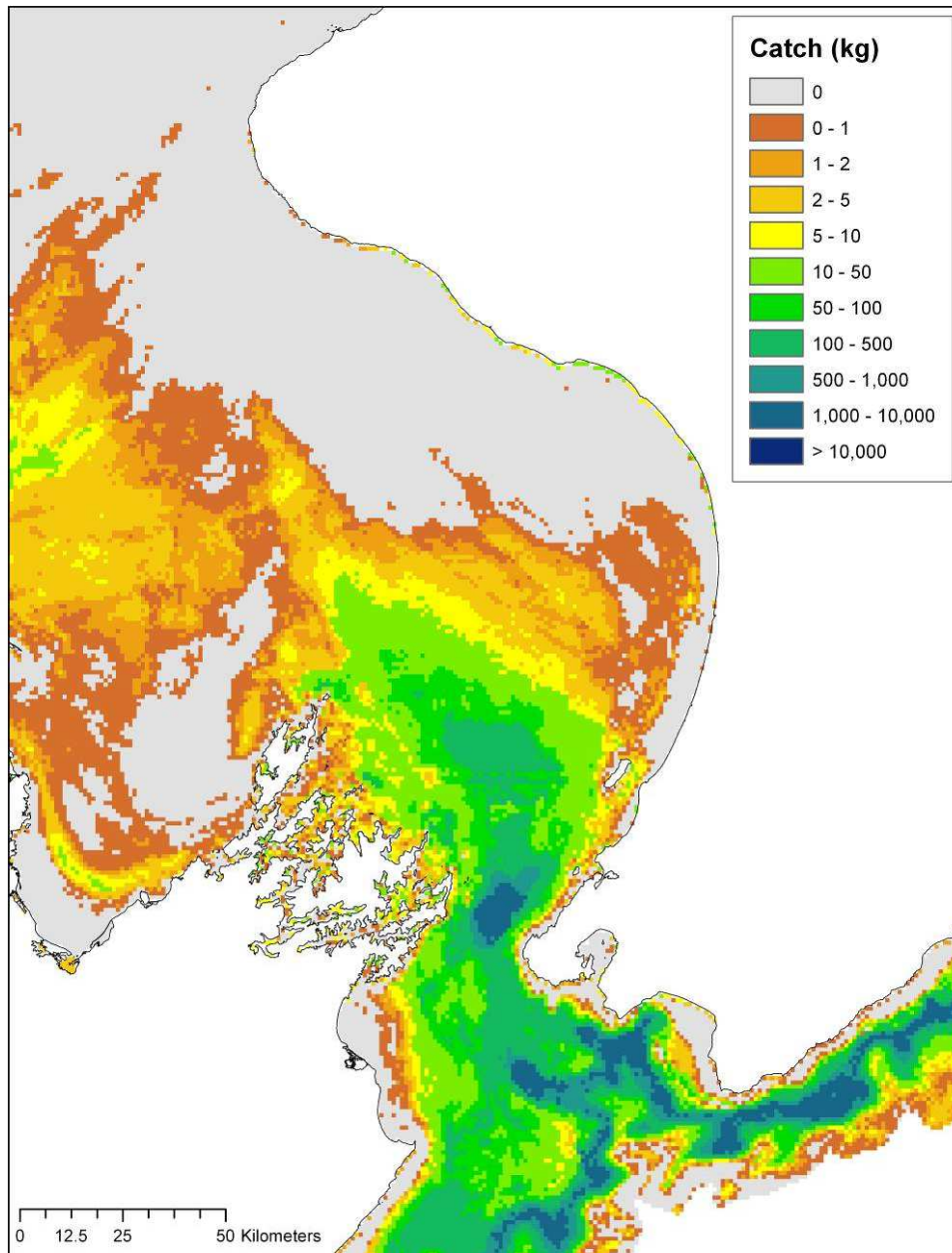


Figure A4.17: Catch (kg per hour) of hoki (*Macruronus novaezelandiae*) in a demersal trawl in the South Taranaki Bight region.

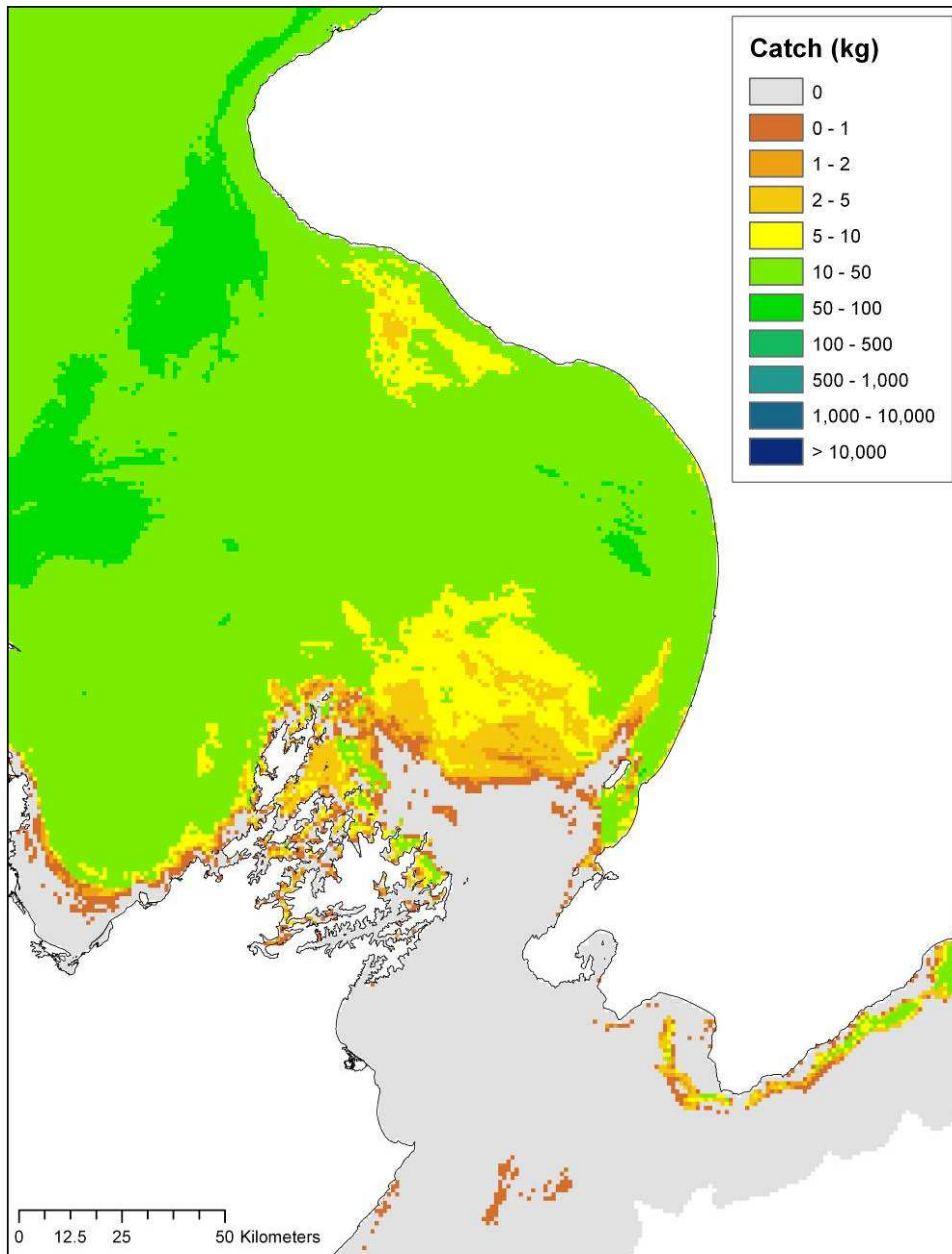


Figure A4.18: Catch (kg per hour) of John dory (*Zeus faber*) in a demersal trawl in the South Taranaki Bight region.

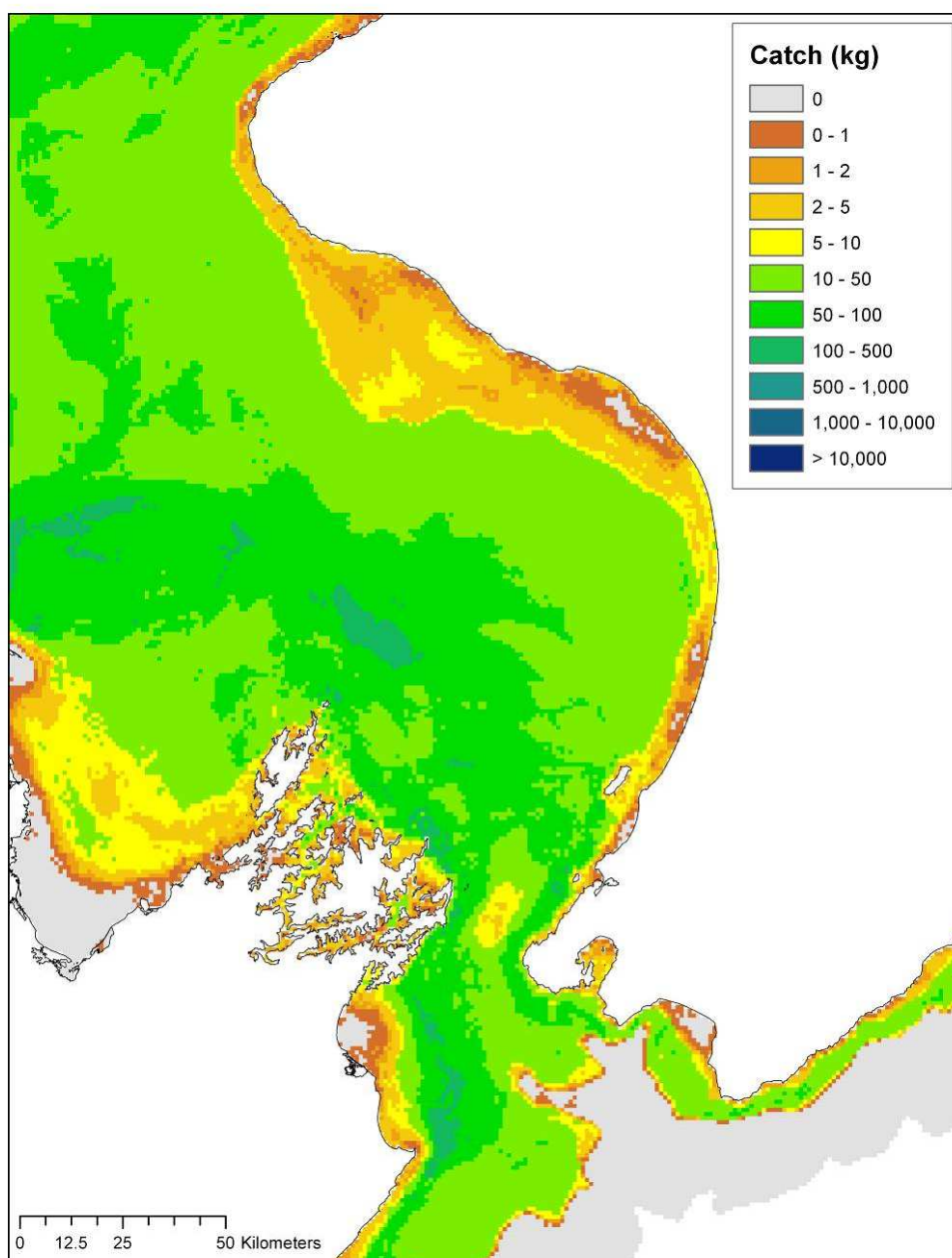


Figure A4.19: Catch (kg per hour) of horse mackerel (*Trachurus declivis*) in a demersal trawl in the South Taranaki Bight region.

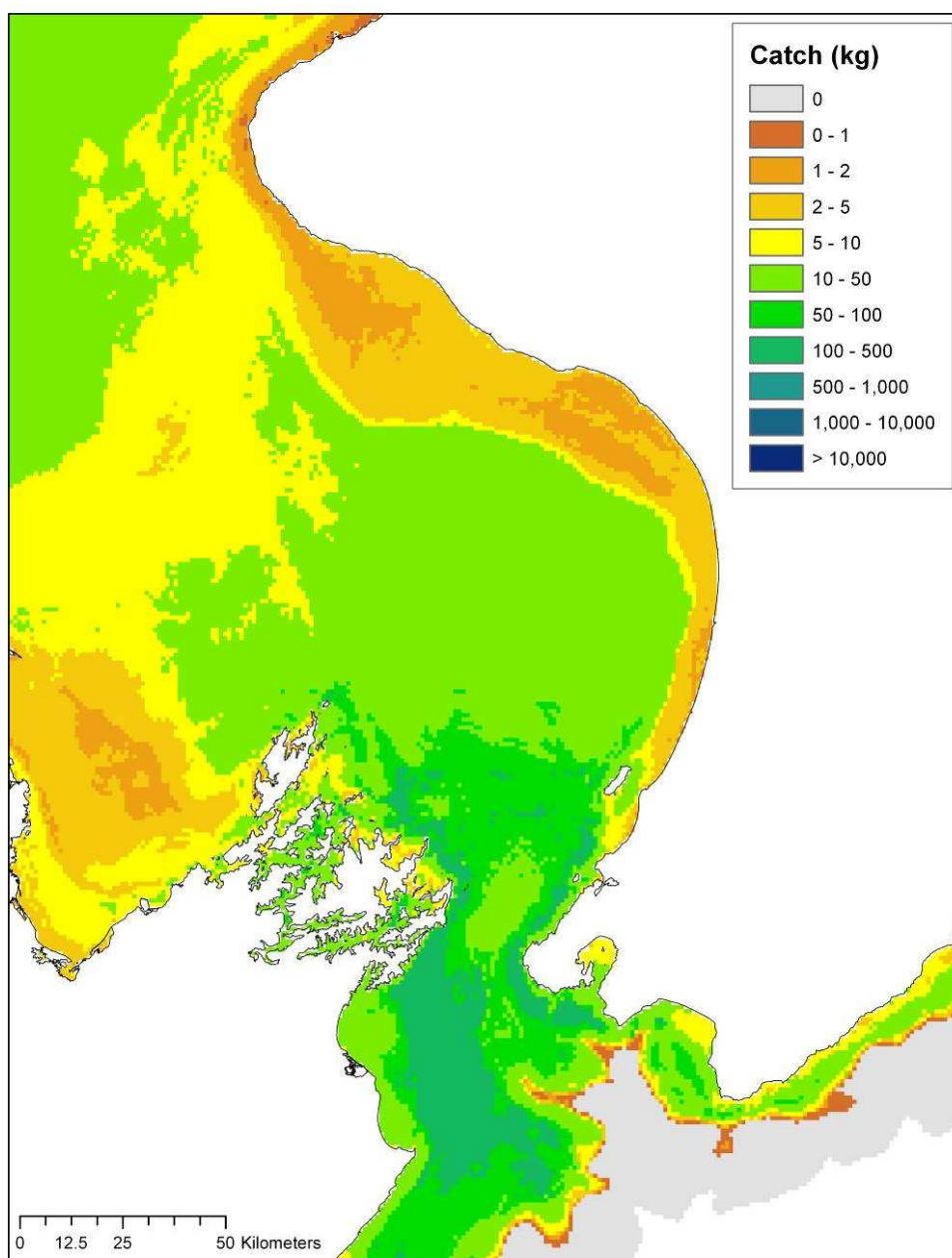


Figure A4.20: Catch (kg per hour) of Murphys mackerel (*Trachurus symmertricus murphyi*) in a demersal trawl in the South Taranaki Bight region.

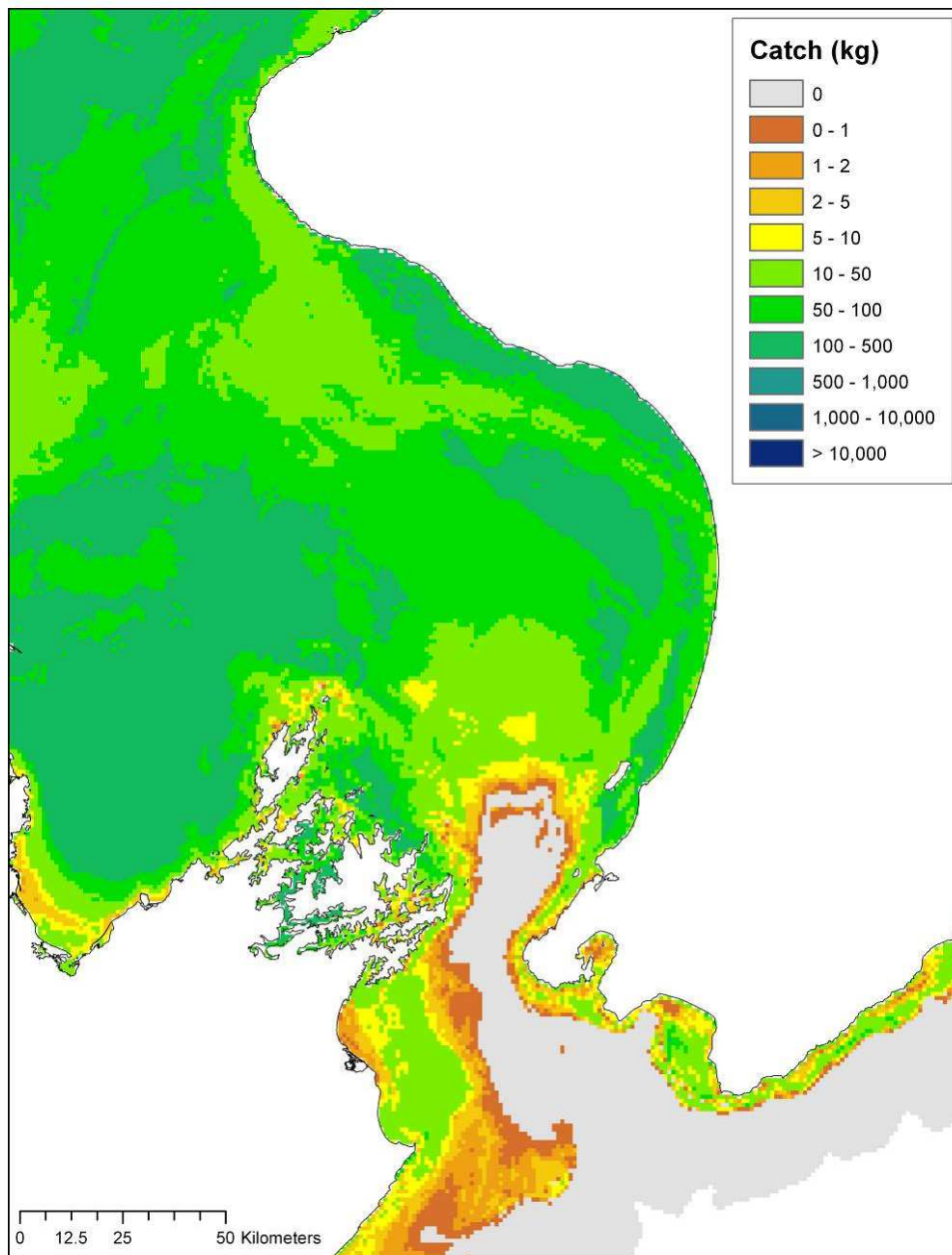


Figure A4.21: Catch (kg per hour) of golden mackerel (*Trachurus novaezelandiae*) in a demersal trawl in the South Taranaki Bight region.

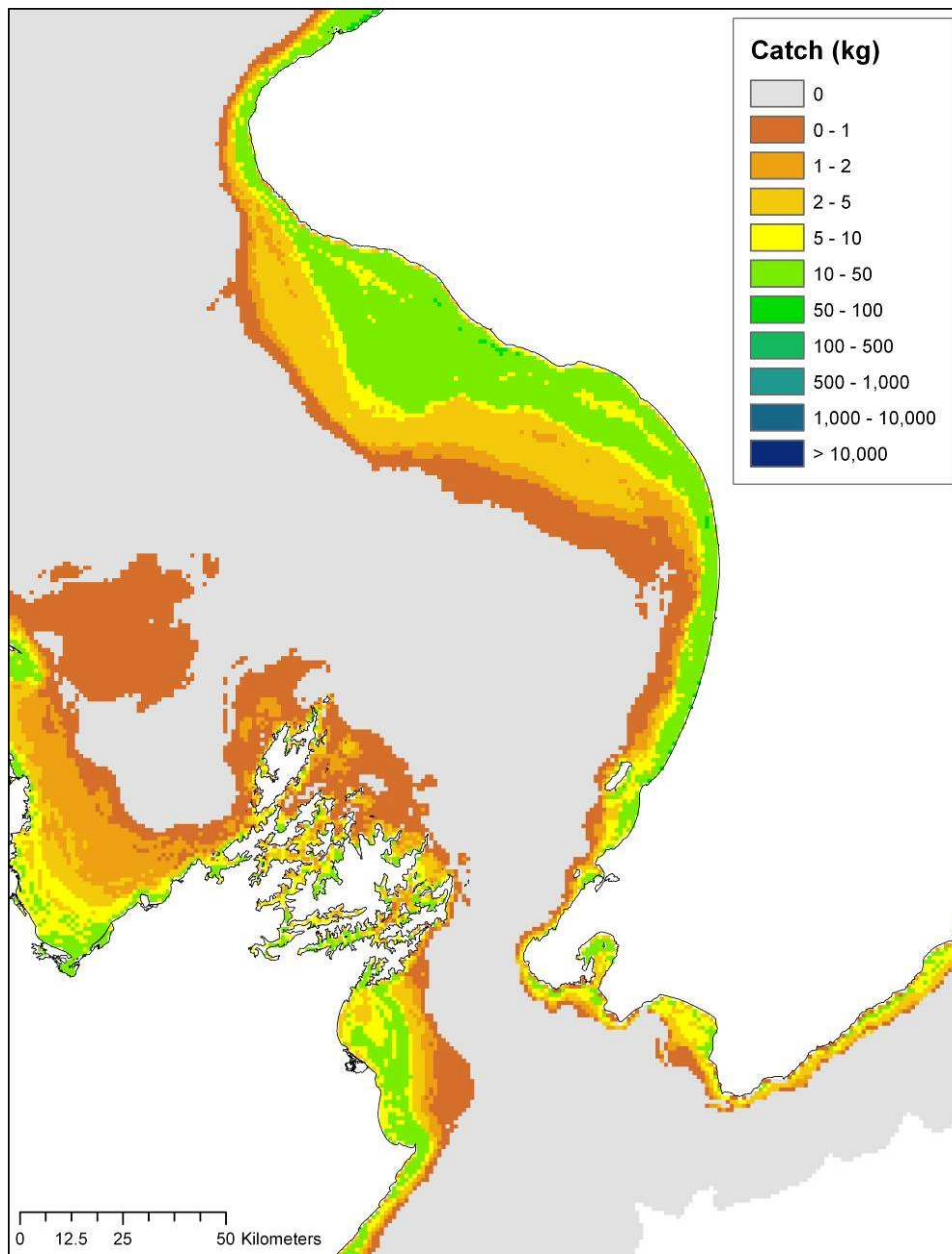


Figure A4.22: Catch (kg per hour) of kahawai (*Arripis trutta*) in a demersal trawl in the South Taranaki Bight region.

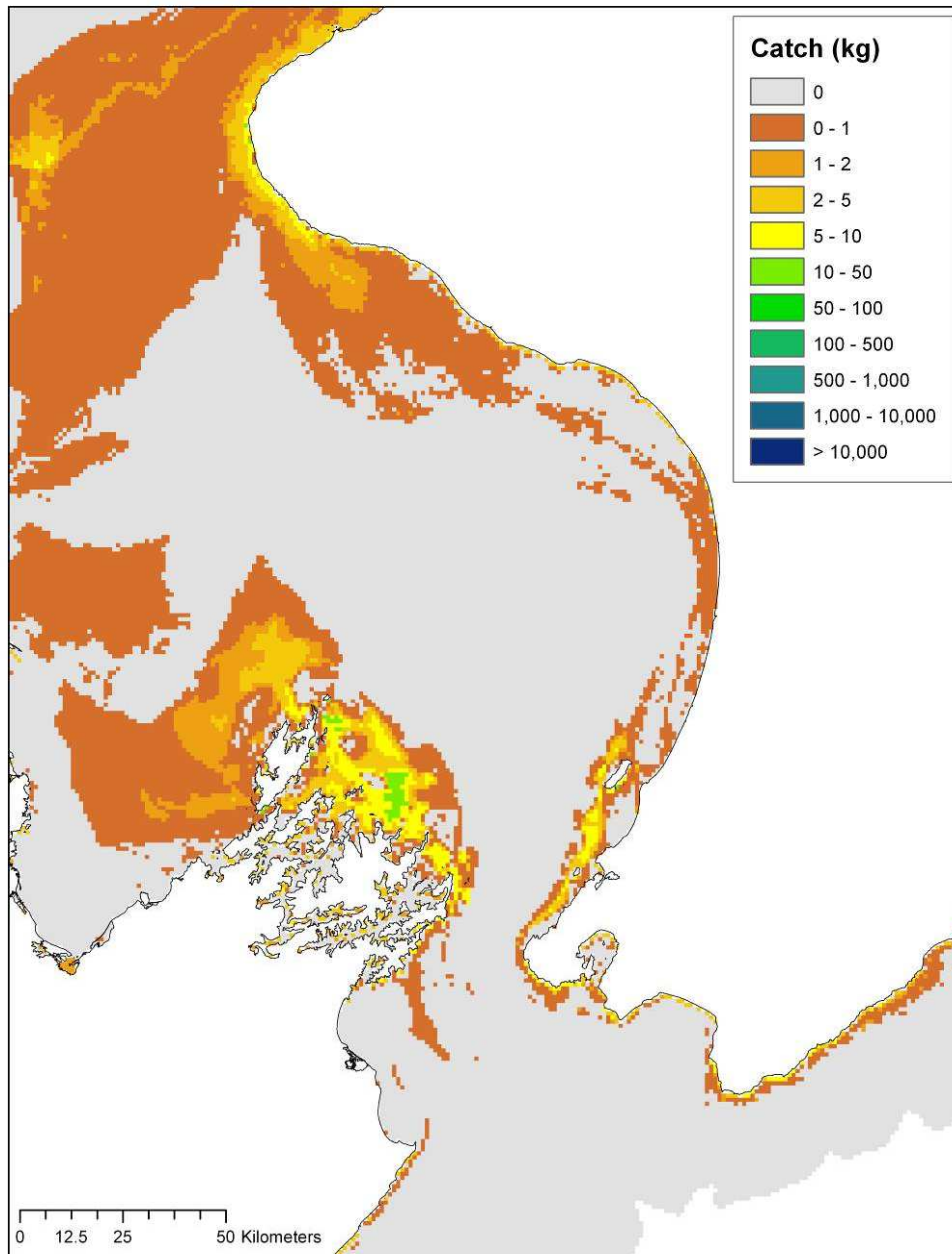


Figure A4.23: Catch (kg per hour) of kingfish (*Seriola lalandi*) in a demersal trawl in the South Taranaki Bight region.

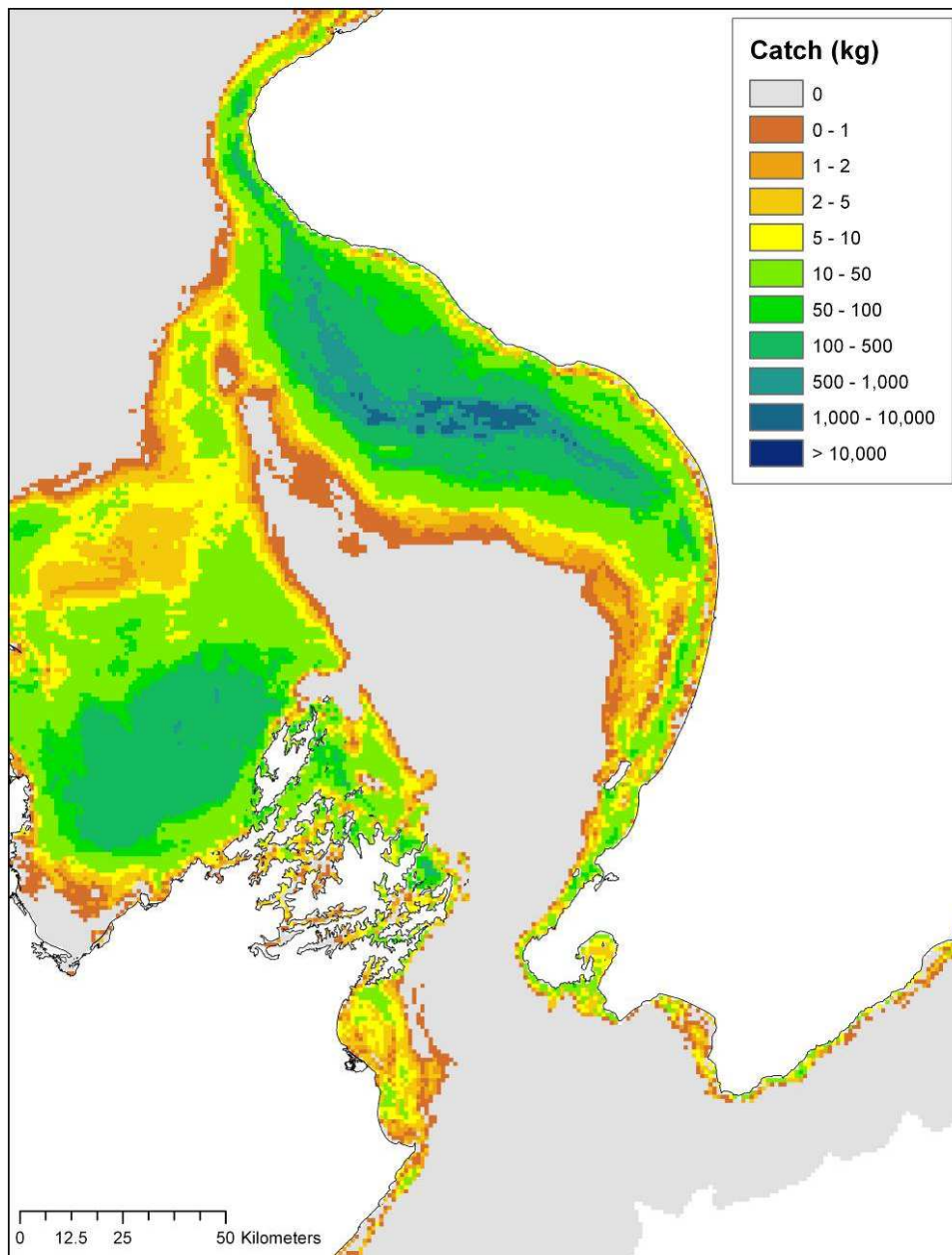


Figure A4.24: Catch (kg per hour) of leatherjacket (*Parika scaber*) in a demersal trawl in the South Taranaki Bight region.

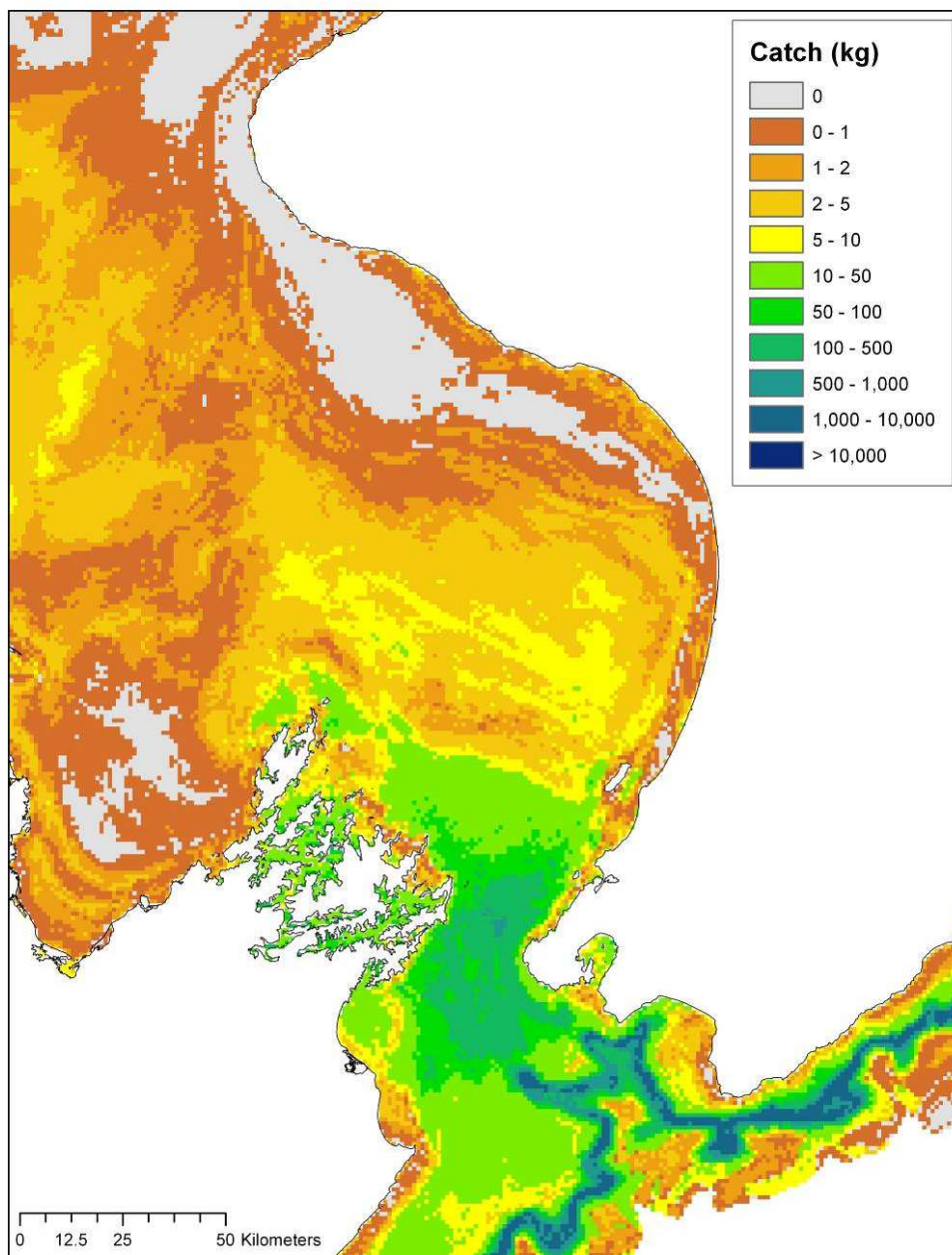


Figure A4.25: Catch (kg per hour) of ling (*Genypterus blacodes*) in a demersal trawl in the South Taranaki Bight region.

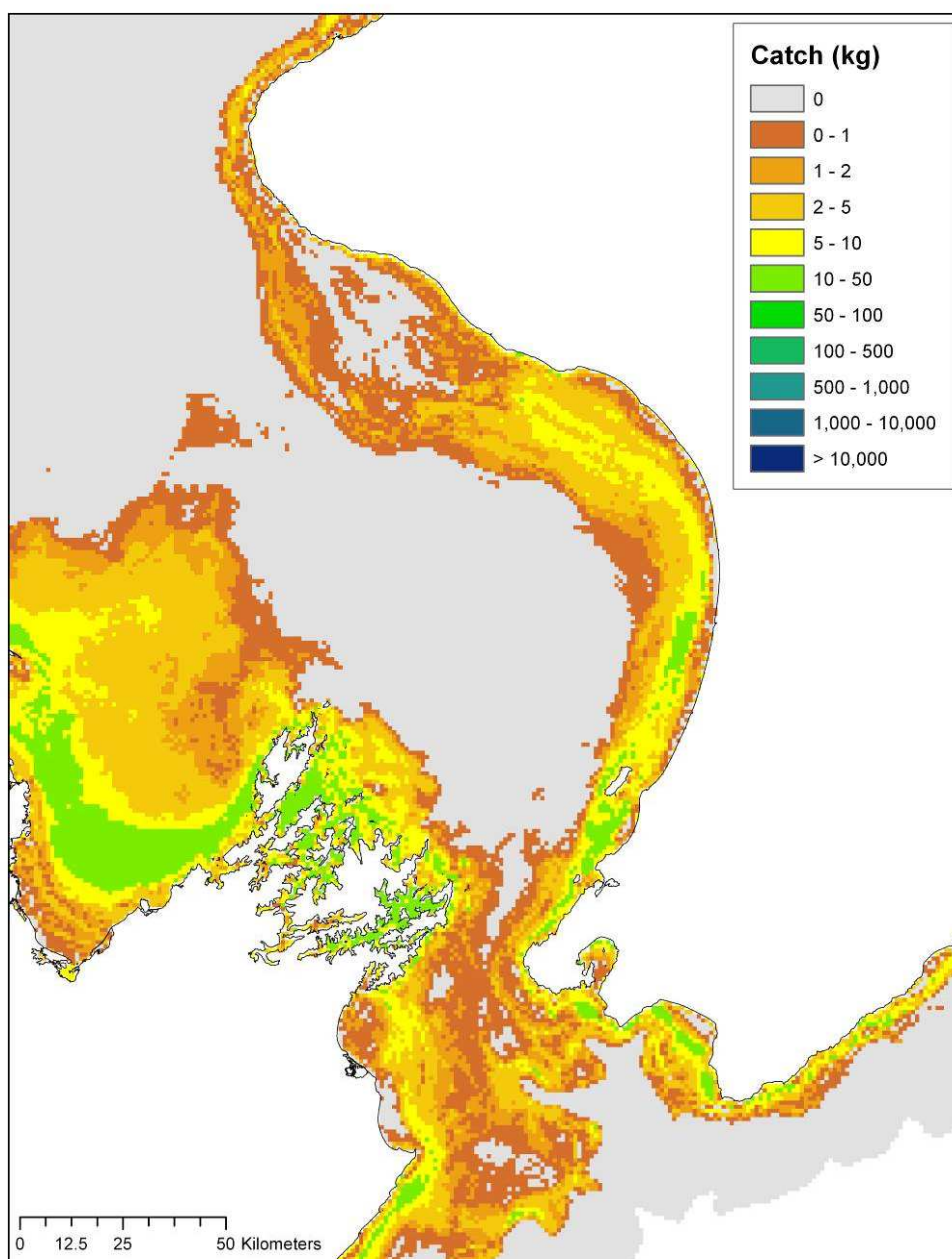


Figure A4.26: Catch (kg per hour) of lemon sole (*Pelotretis flavilatus*) in a demersal trawl in the South Taranaki Bight region.

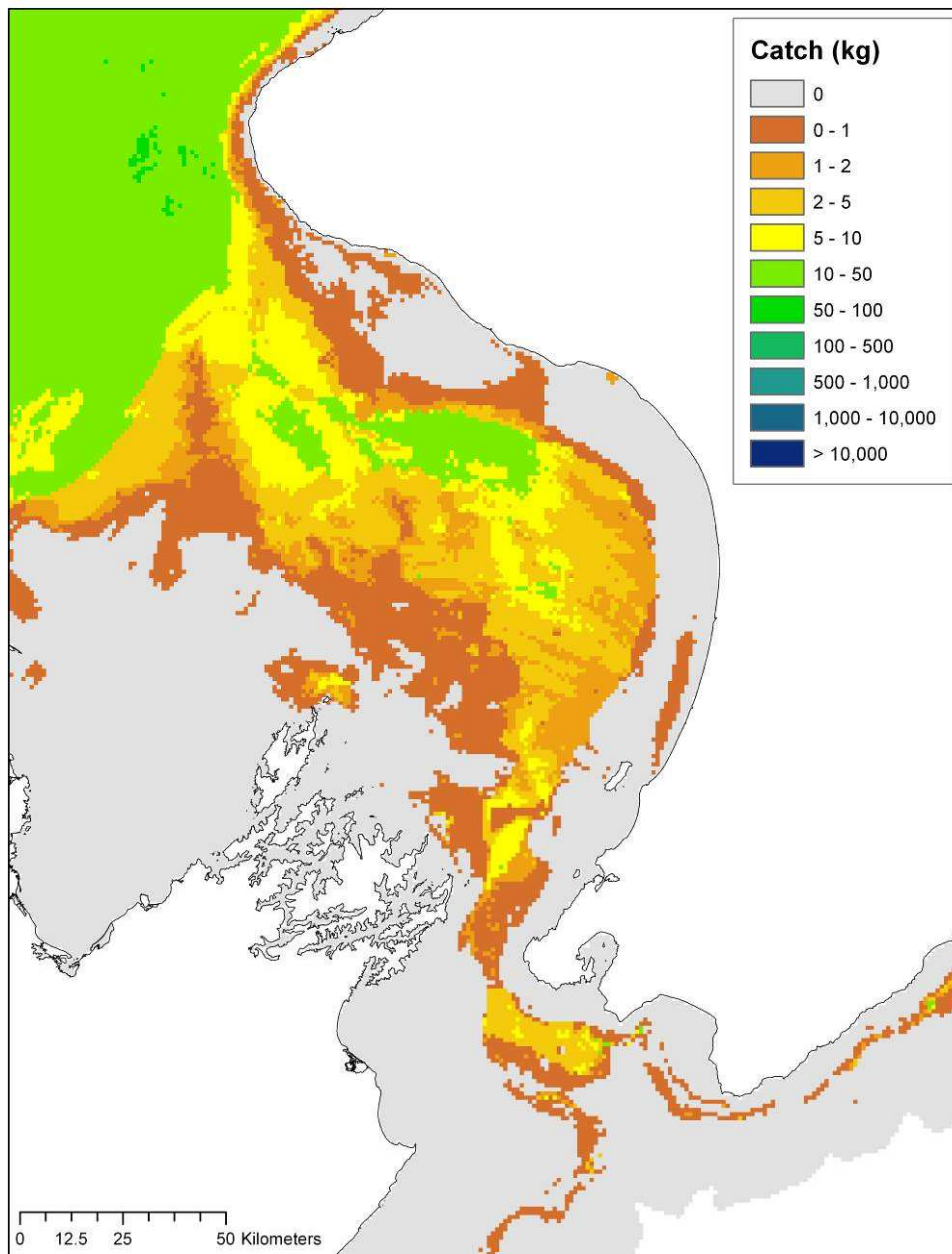


Figure A4.27: Catch (kg per hour) of northern spiny dogfish (*Squalus griffini*) in a demersal trawl in the South Taranaki Bight region.

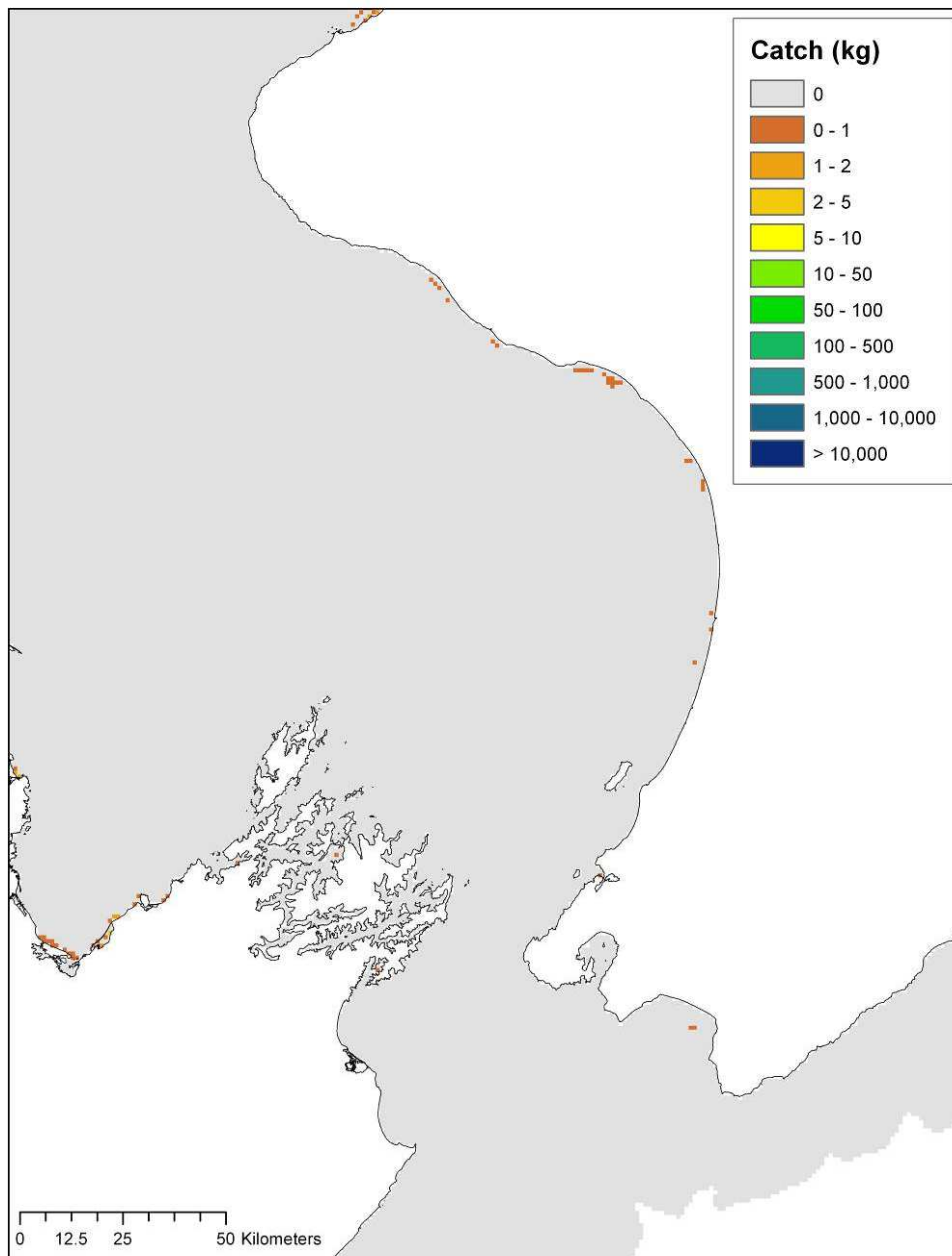


Figure A4.28: Catch (kg per hour) of ahuru (*Auchenoceros punctatus*) in a demersal trawl in the South Taranaki Bight region.

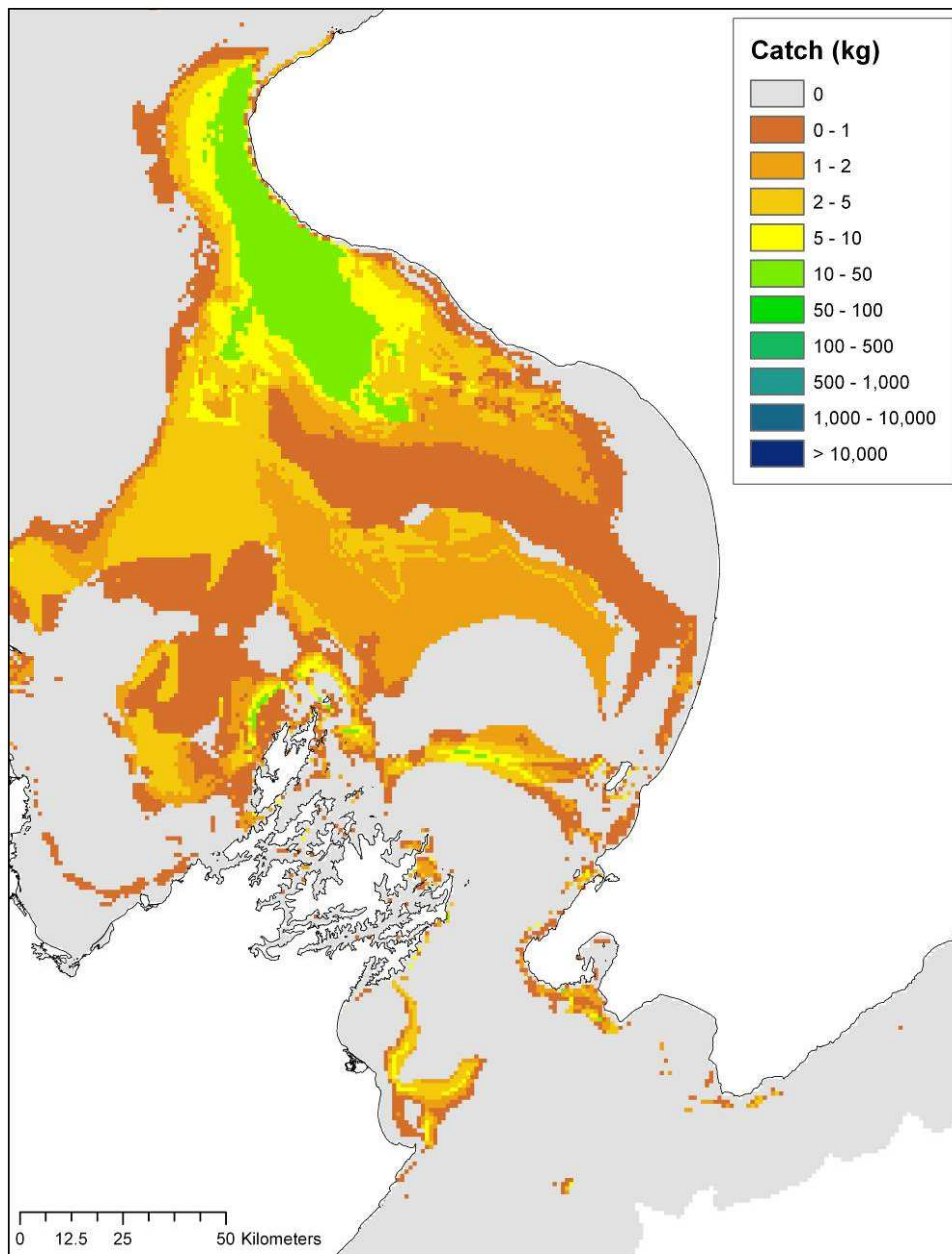


Figure A4.29: Catch (kg per hour) of porcupine fish (*Allomycterus jaculiferus*) in a demersal trawl in the South Taranaki Bight region.

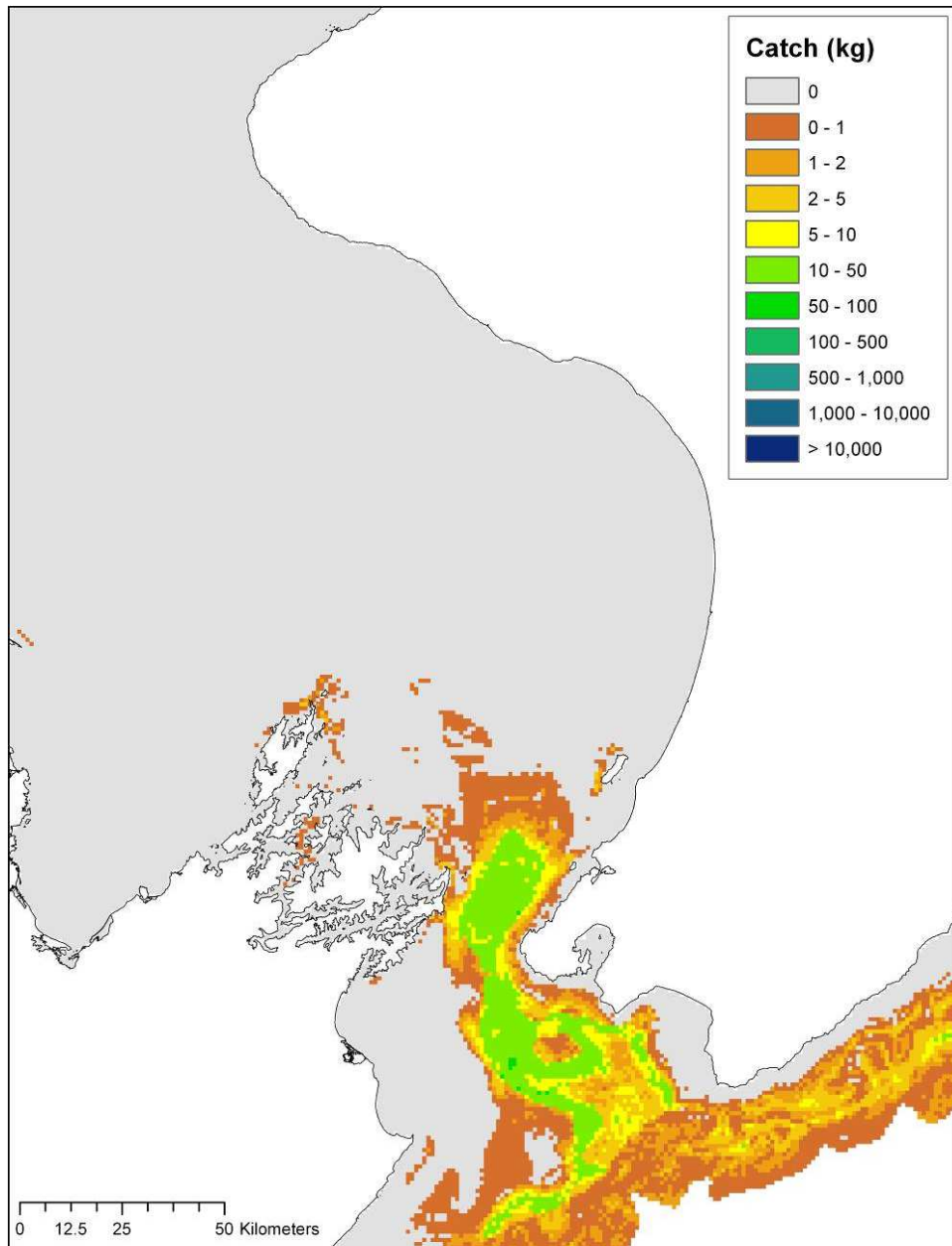


Figure A4.30: Catch (kg per hour) of Rays bream (*Brama brama*) in a demersal trawl in the South Taranaki Bight region.

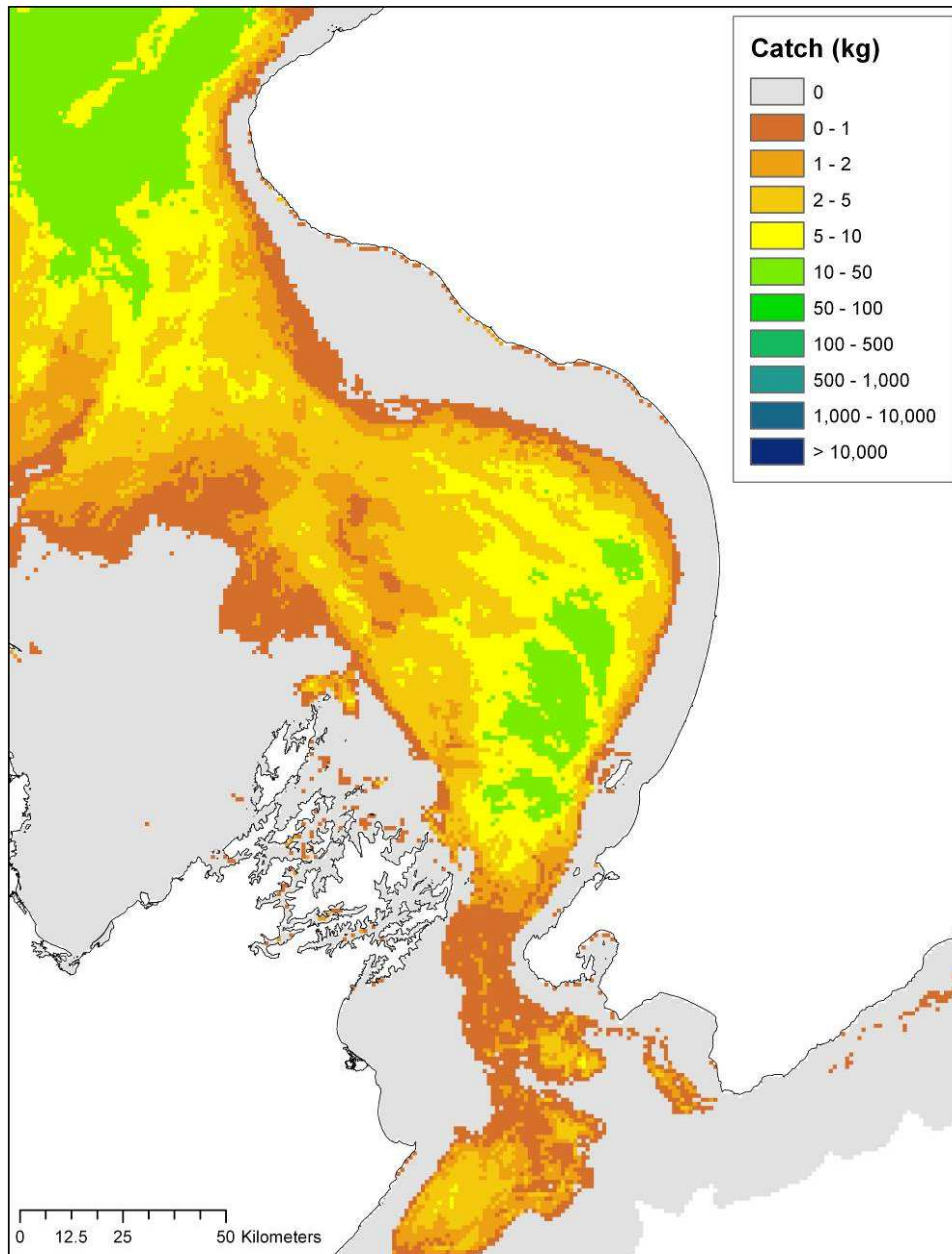


Figure A4.31: Catch (kg per hour) of redbait (*Emmelichthys nitidus*) in a demersal trawl in the South Taranaki Bight region.

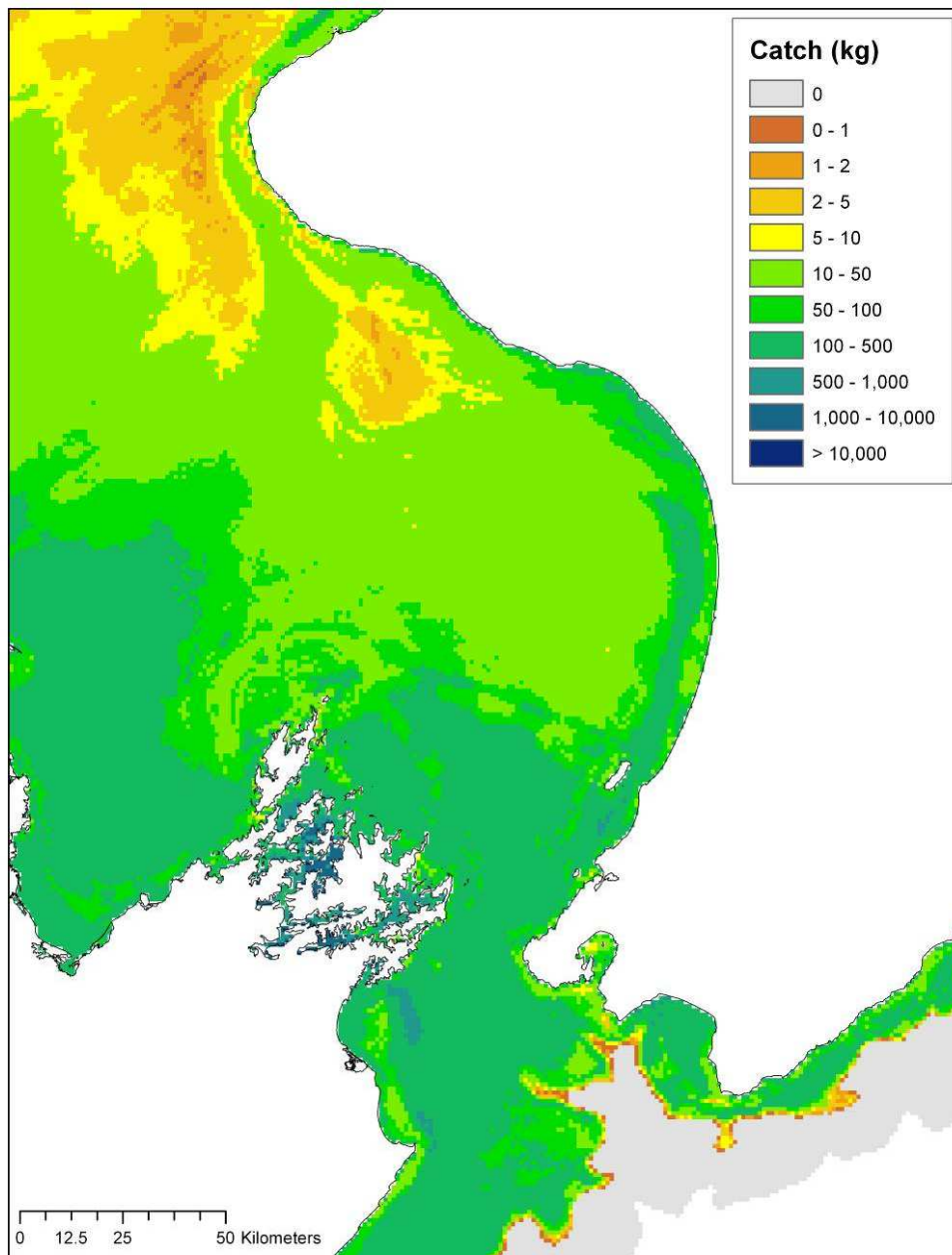


Figure A4.32: Catch (kg per hour) of red cod (*Pseudophycis bachus*) in a demersal trawl in the South Taranaki Bight region.

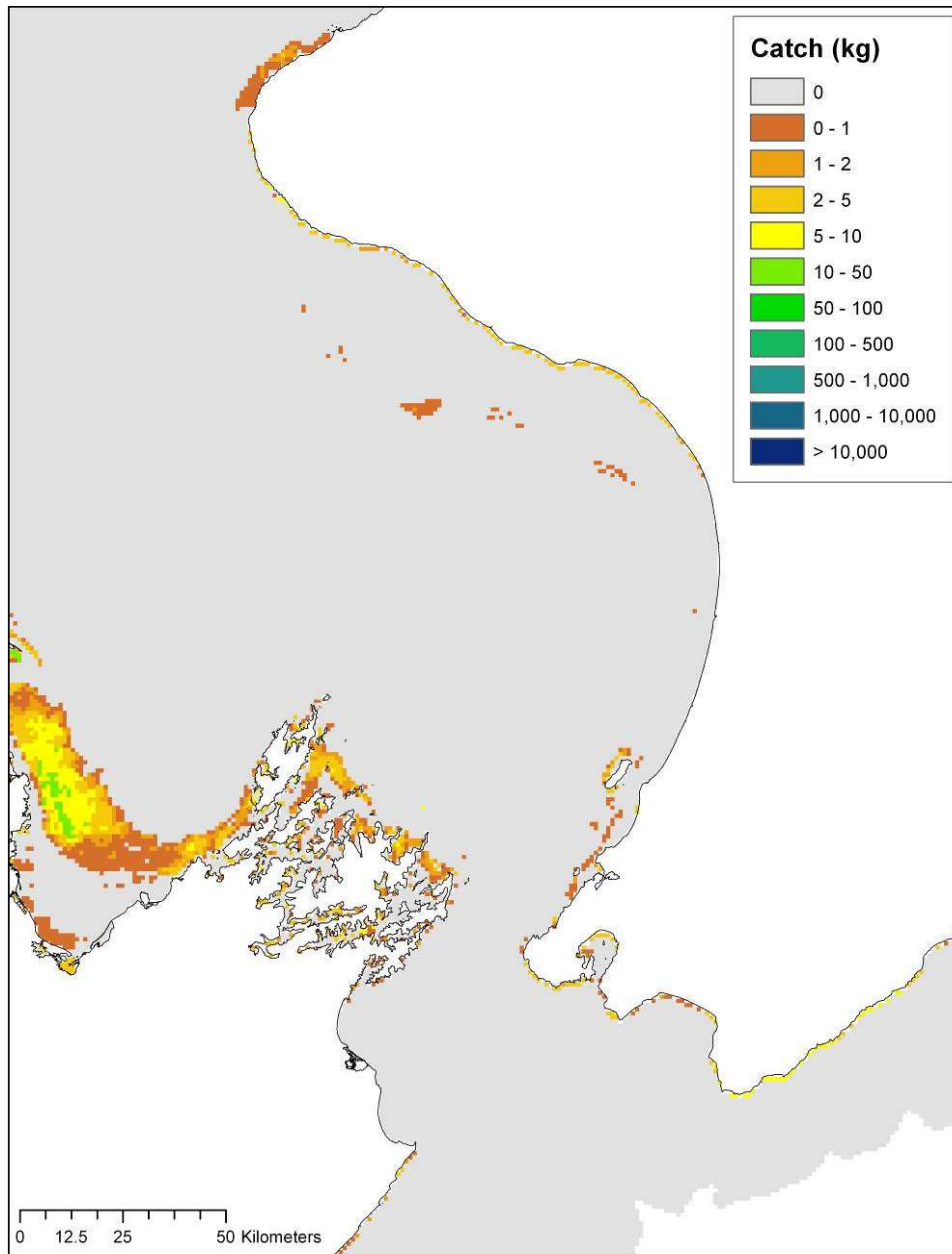


Figure A4.33: Catch (kg per hour) of red mullet (*Upeneichthys lineatus*) in a demersal trawl in the South Taranaki Bight region.

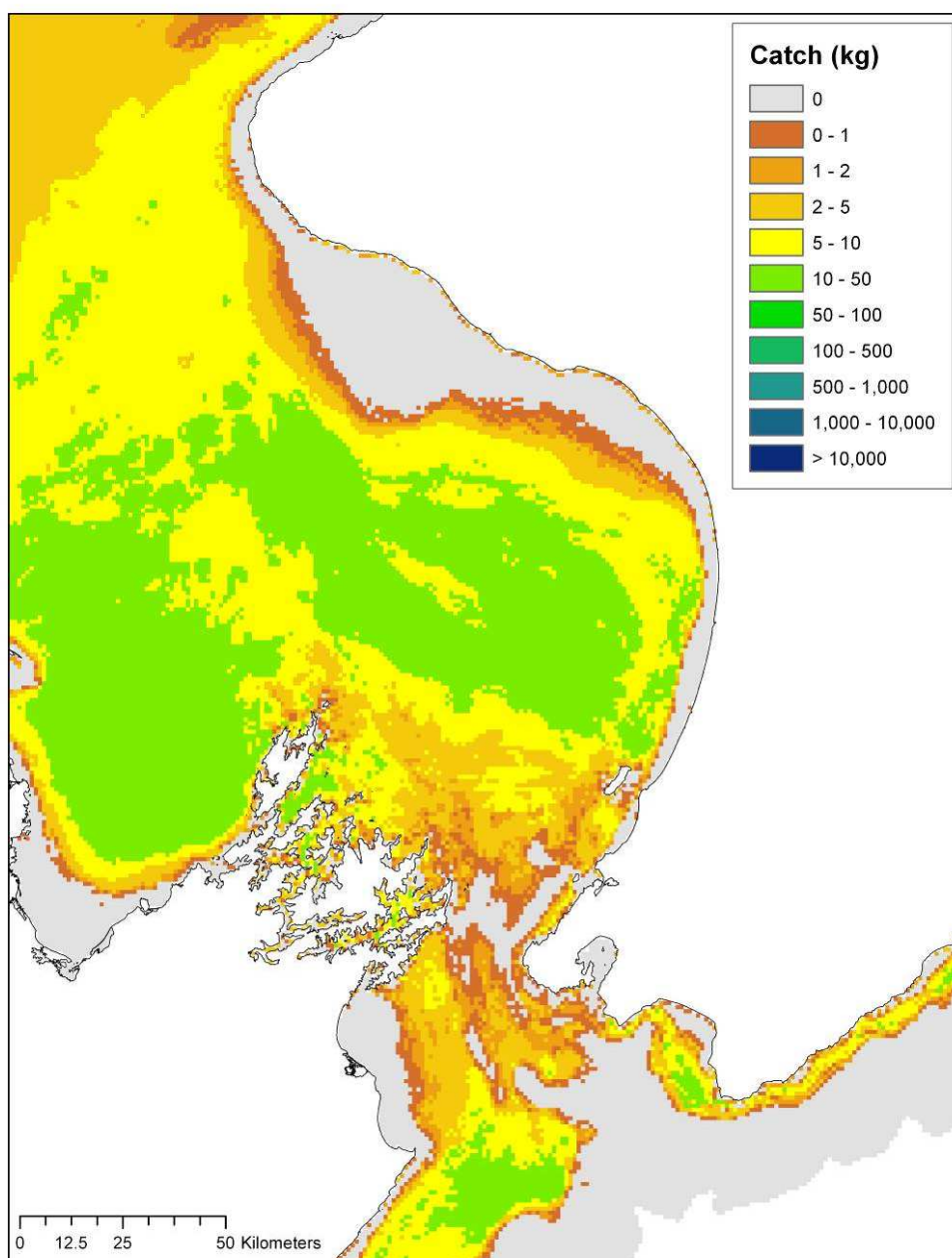


Figure A4.34: Catch (kg per hour) of scaly gurnard (*Lepidotrigla brachyoptera*) in a demersal trawl in the South Taranaki Bight region.

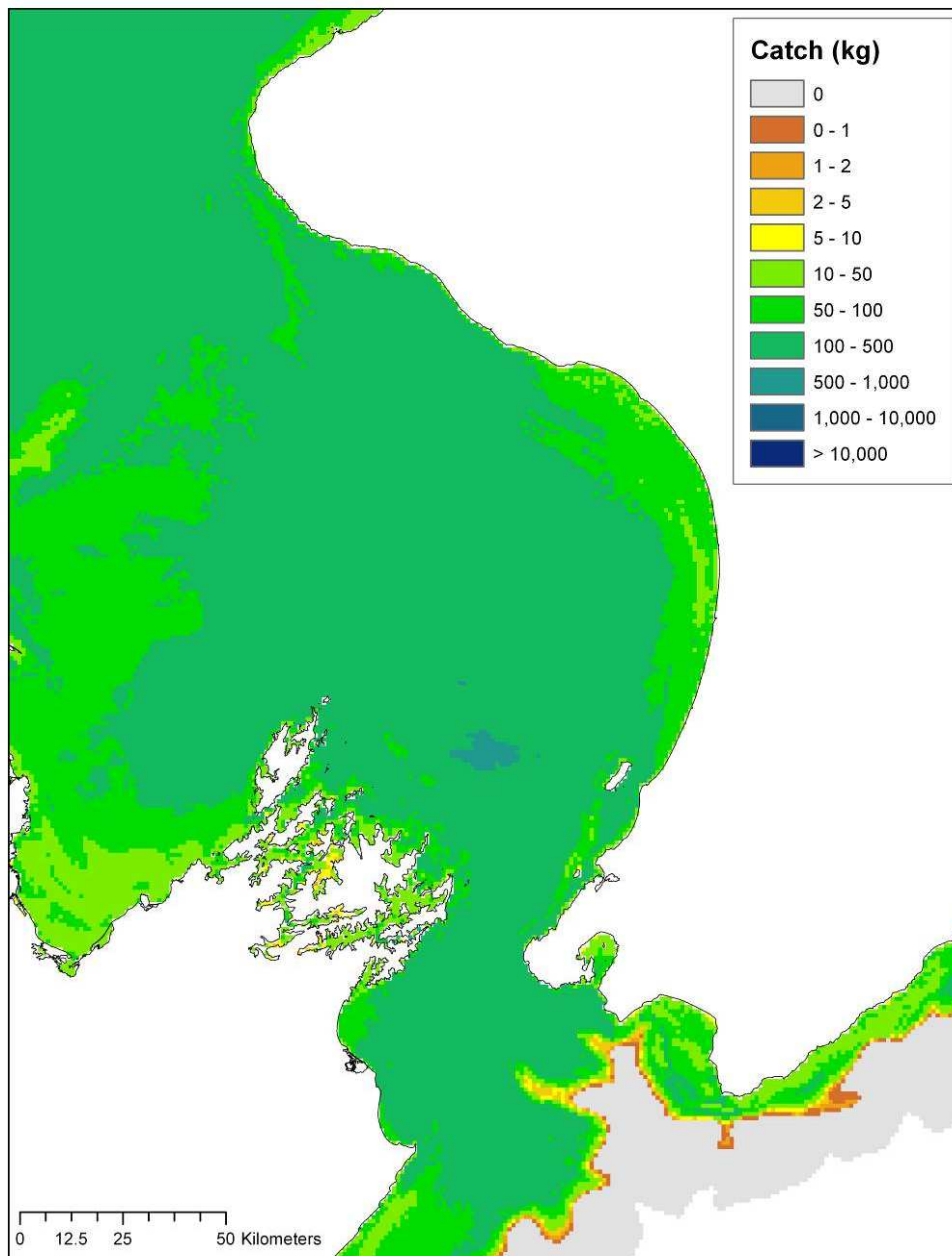


Figure A4.35: Catch (kg per hour) of school shark (*Galeorhinus galeus*) in a demersal trawl in the South Taranaki Bight region.

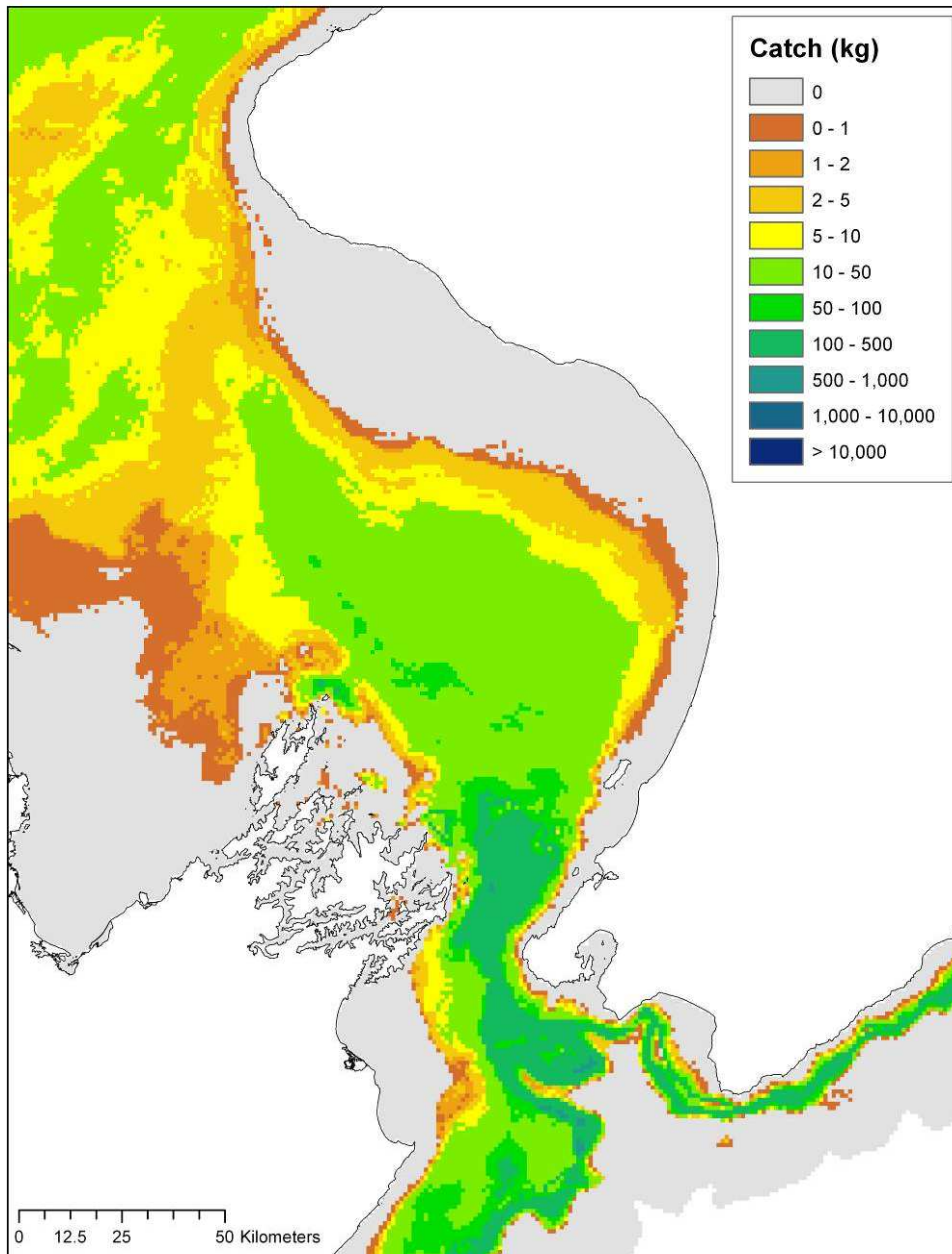


Figure A4.36: Catch (kg per hour) of silver dory (*Cyttus novaezealandiae*) in a demersal trawl in the South Taranaki Bight region.

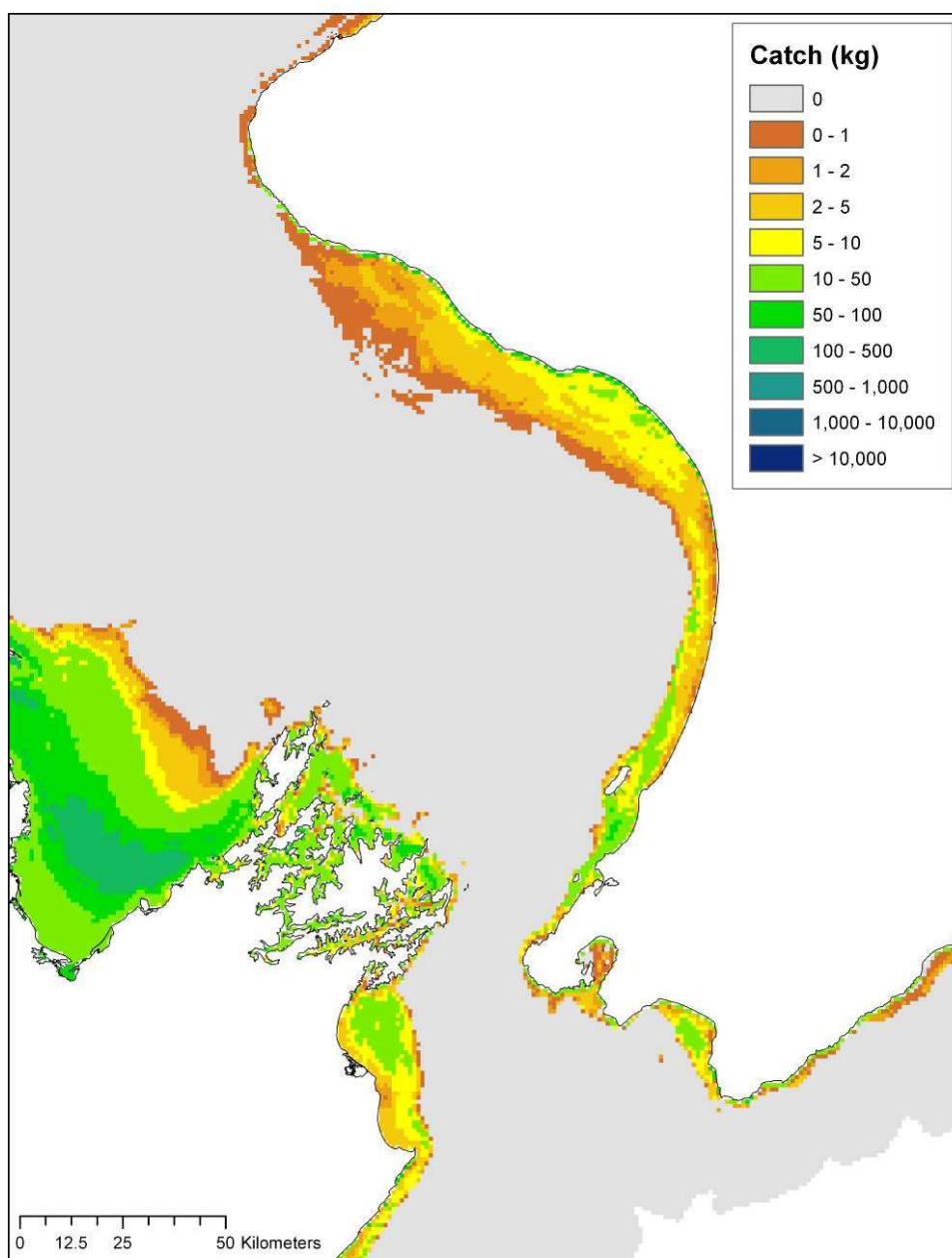


Figure A4.37: Catch (kg per hour) of sand flounder (*Phombosolea plebeia*) in a demersal trawl in the South Taranaki Bight region.

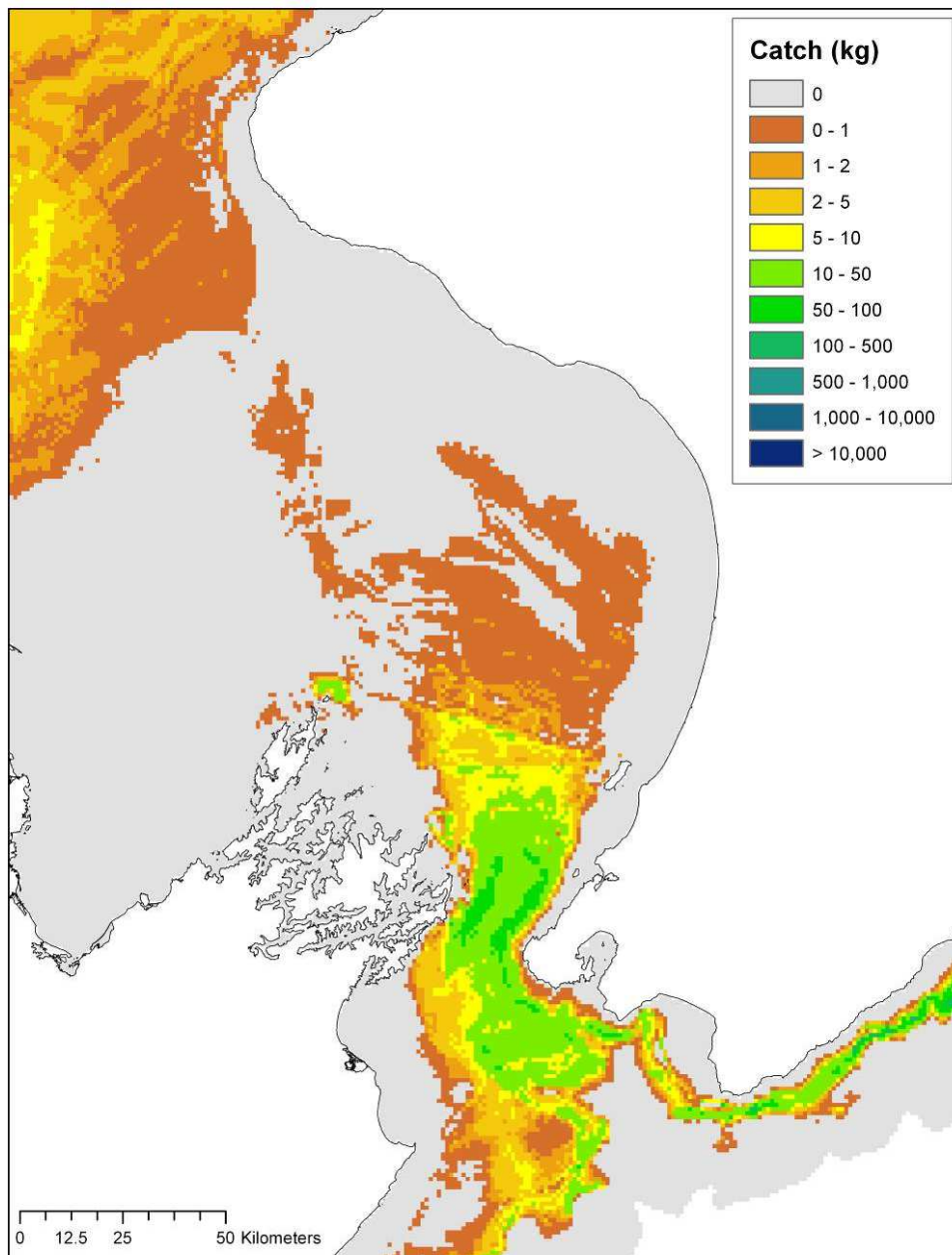


Figure A4.38: Catch (kg per hour) of gemfish (*Rexea solandri*) in a demersal trawl in the South Taranaki Bight region.

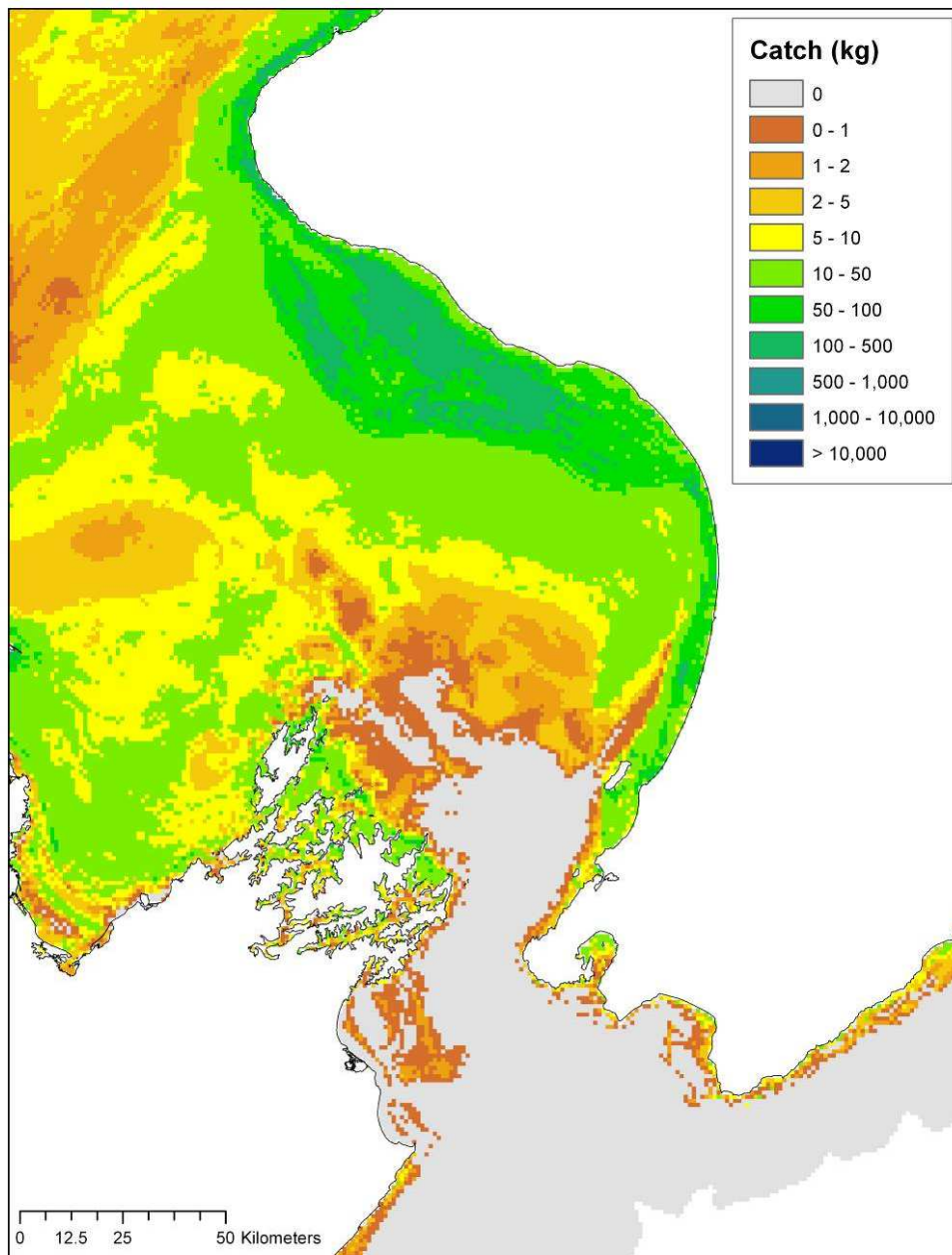


Figure A4.39: Catch (kg per hour) of snapper (*Pagrus auratus*) in a demersal trawl in the South Taranaki Bight region.

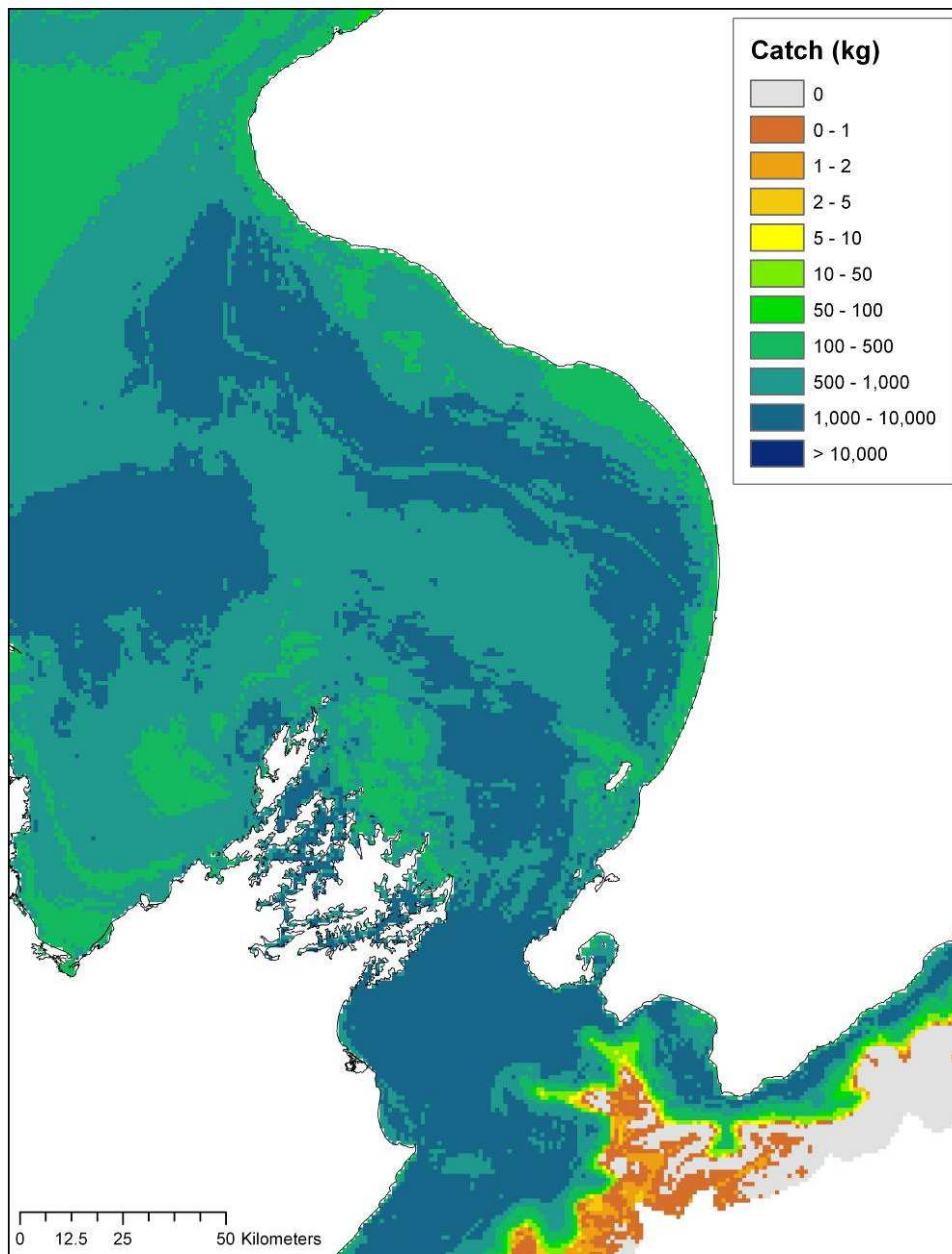


Figure A4.40: Catch (kg per hour) of spiny dogfish (*Squalus acanthias*) in a demersal trawl in the South Taranaki Bight region.

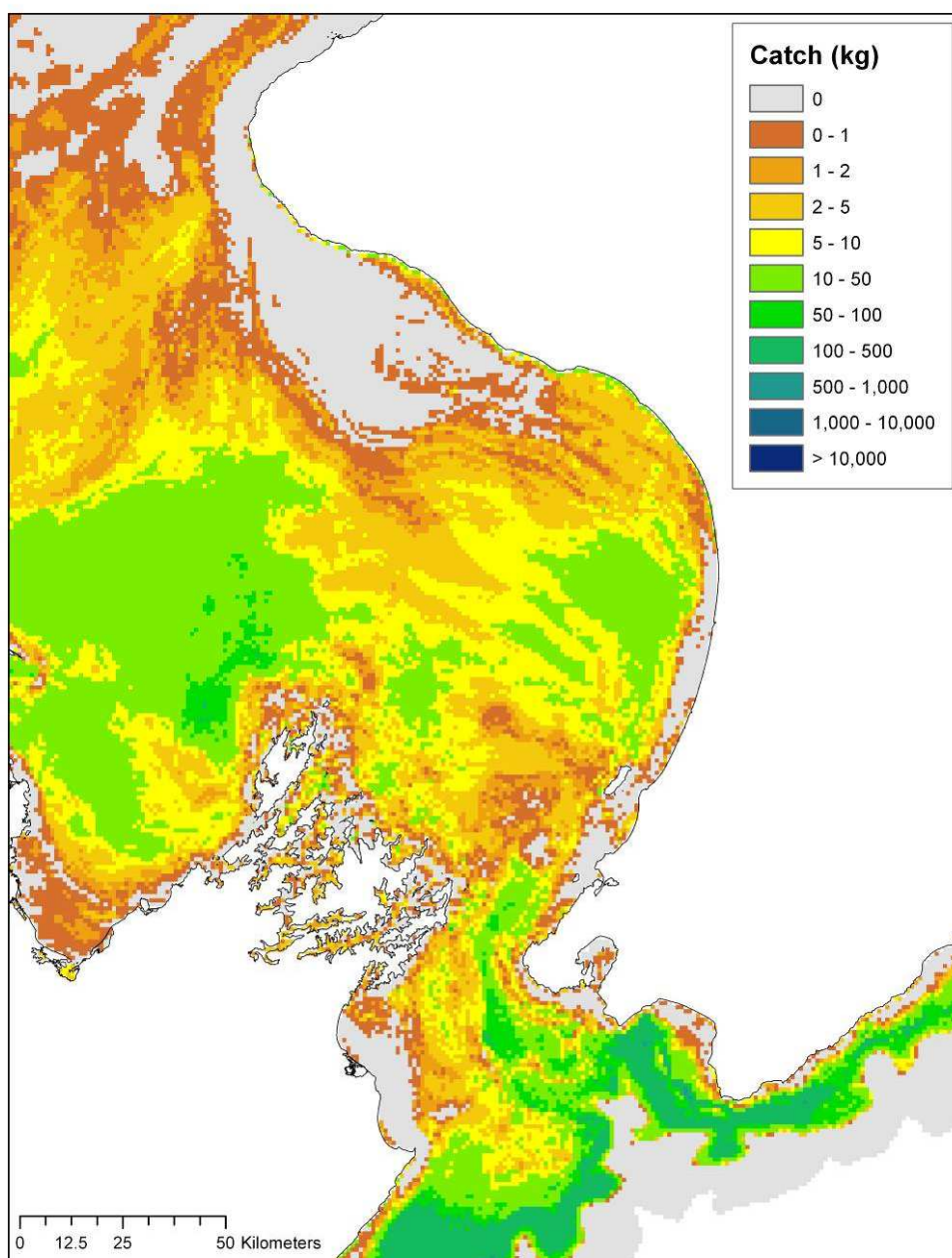


Figure A4.41: Catch (kg per hour) of sea perch (*Helicolenus* spp.) in a demersal trawl in the South Taranaki Bight region.

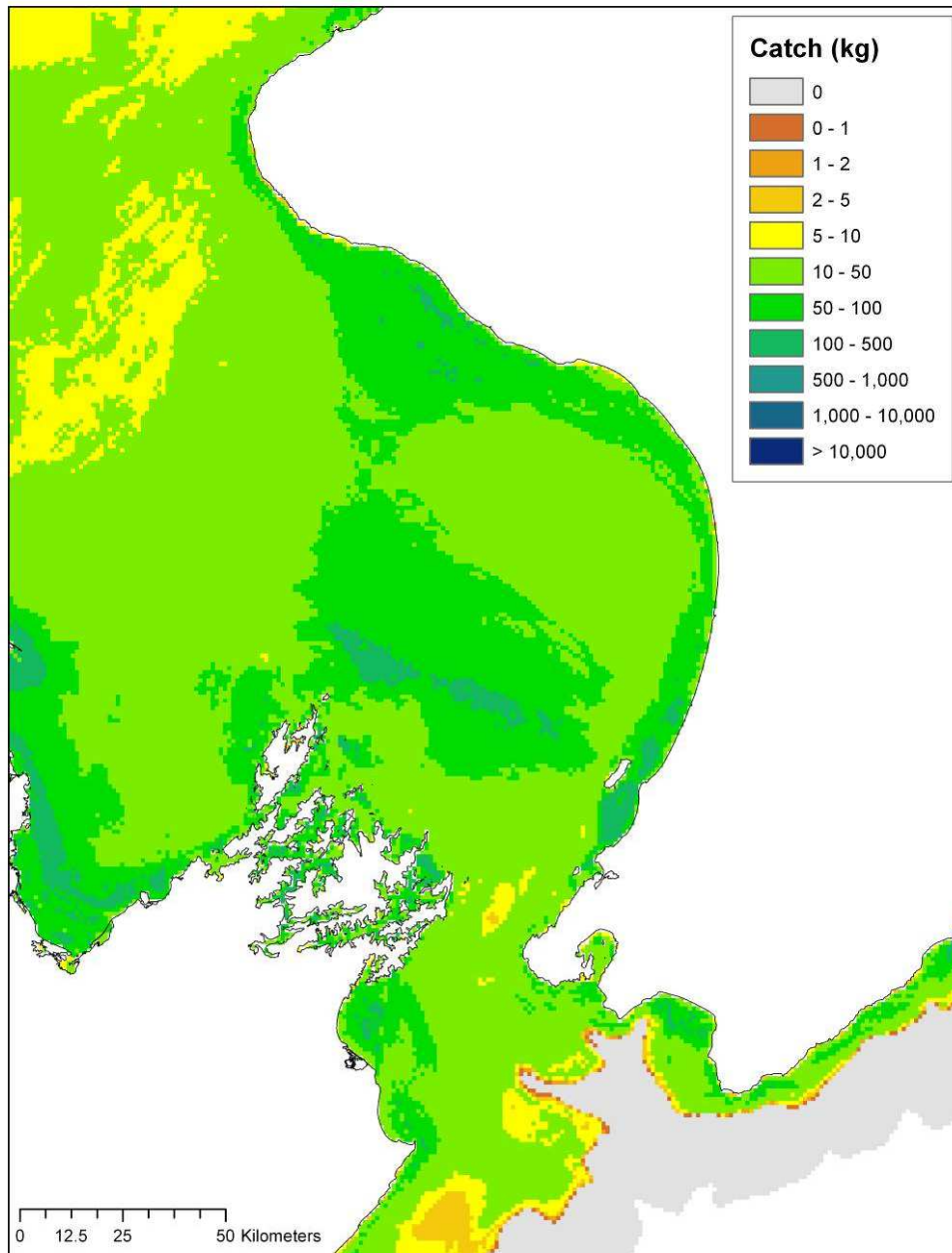


Figure A4.42: Catch (kg per hour) of rig (*Mustelus lenticulatus*) in a demersal trawl in the South Taranaki Bight region.

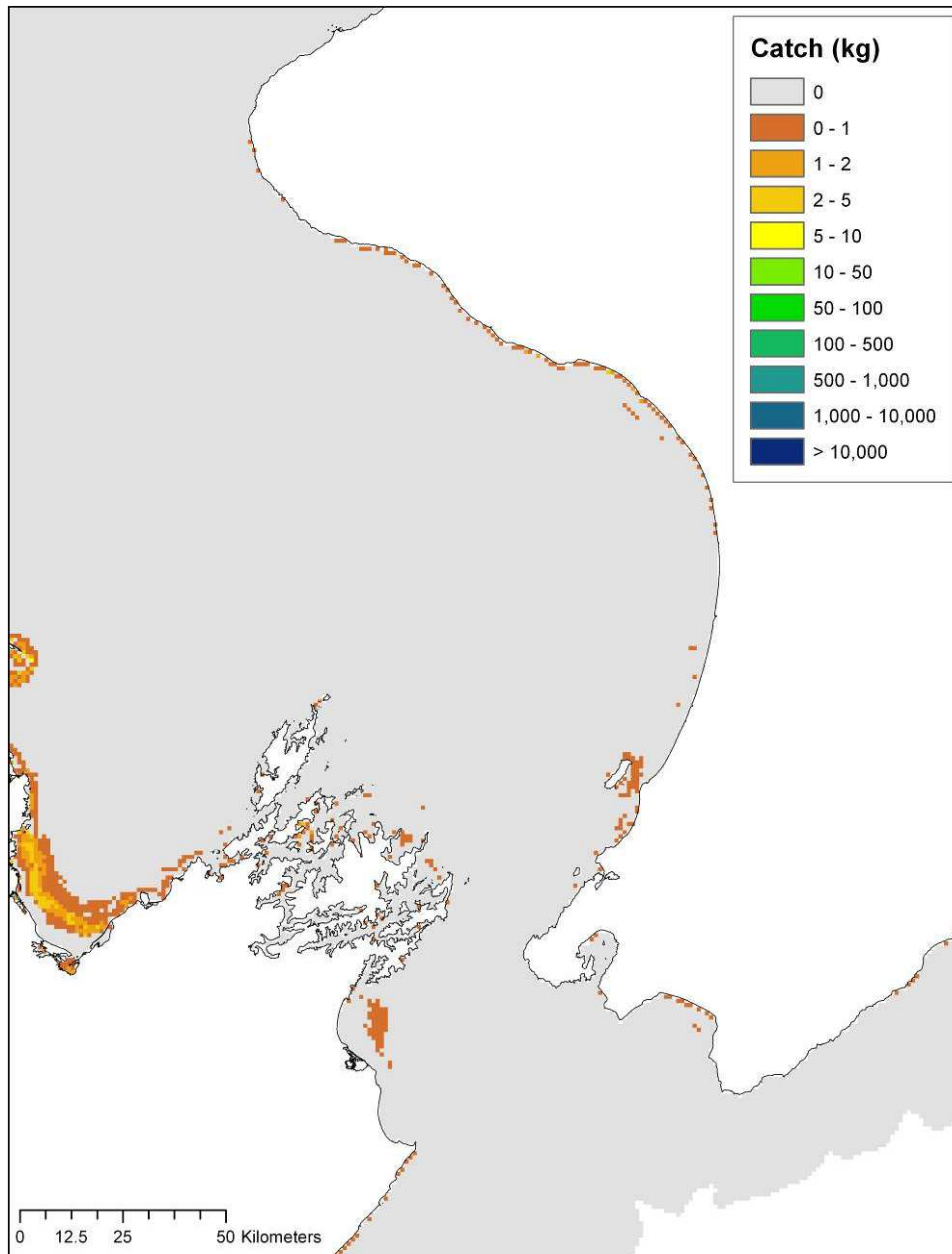


Figure A4.43: Catch (kg per hour) of spotted stargazer (*Genyagnus monopterygius*) in a demersal trawl in the South Taranaki Bight region.

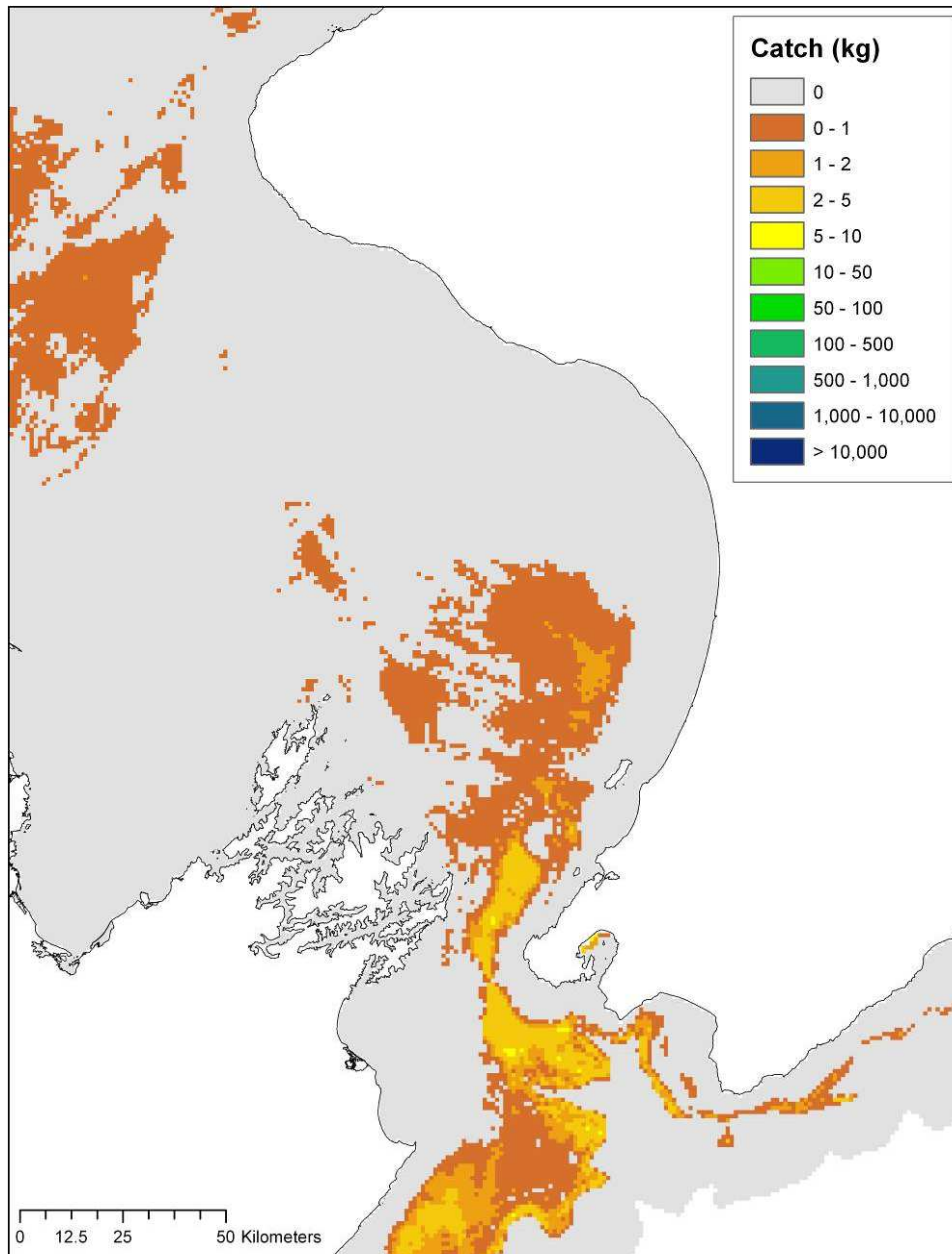


Figure A4.44: Catch (kg per hour) of silverside (*Argentina elongata*) in a demersal trawl in the South Taranaki Bight region.

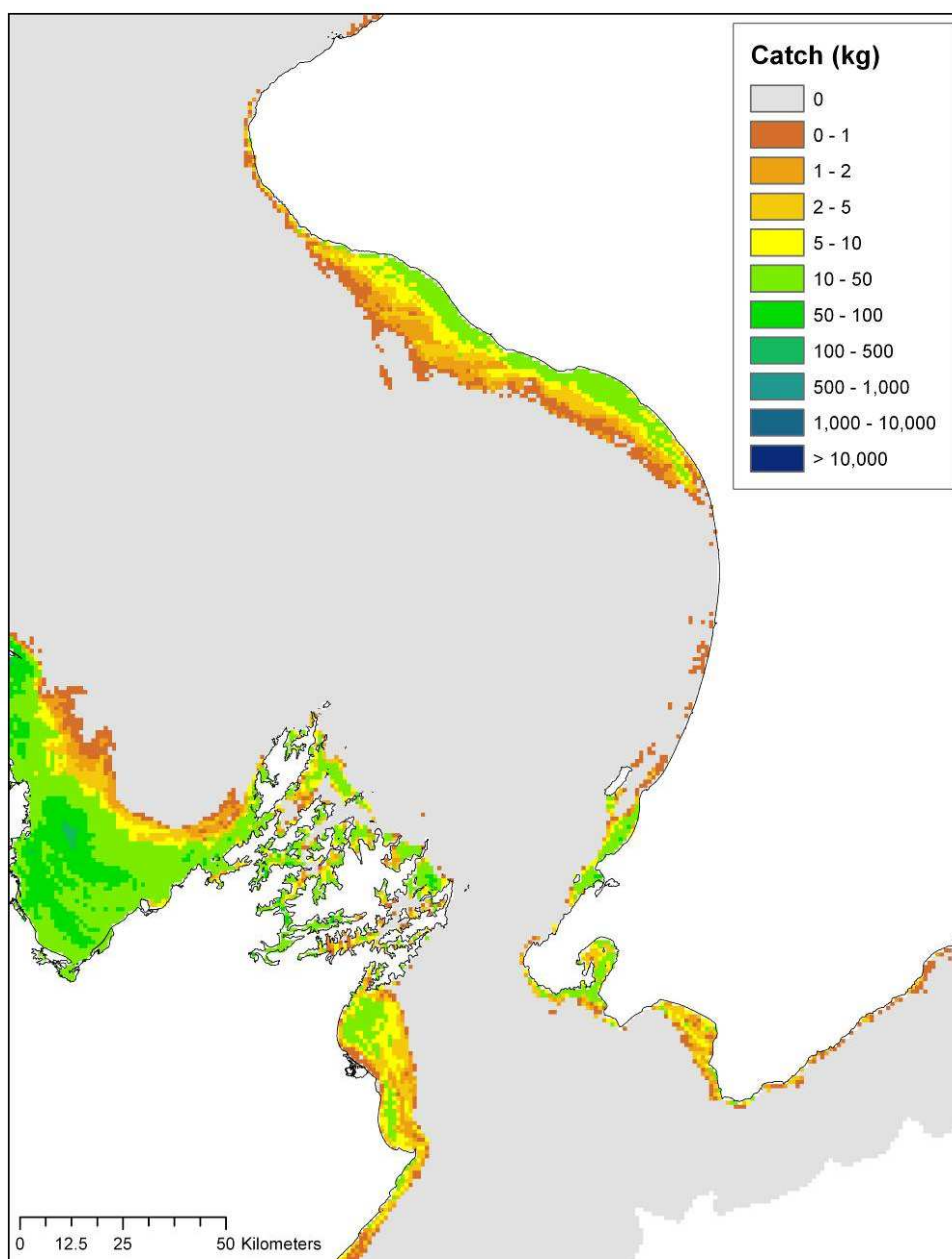


Figure A4.45: Catch (kg per hour) of spotty (*Notolabrus celidotus*) in a demersal trawl in the South Taranaki Bight region.

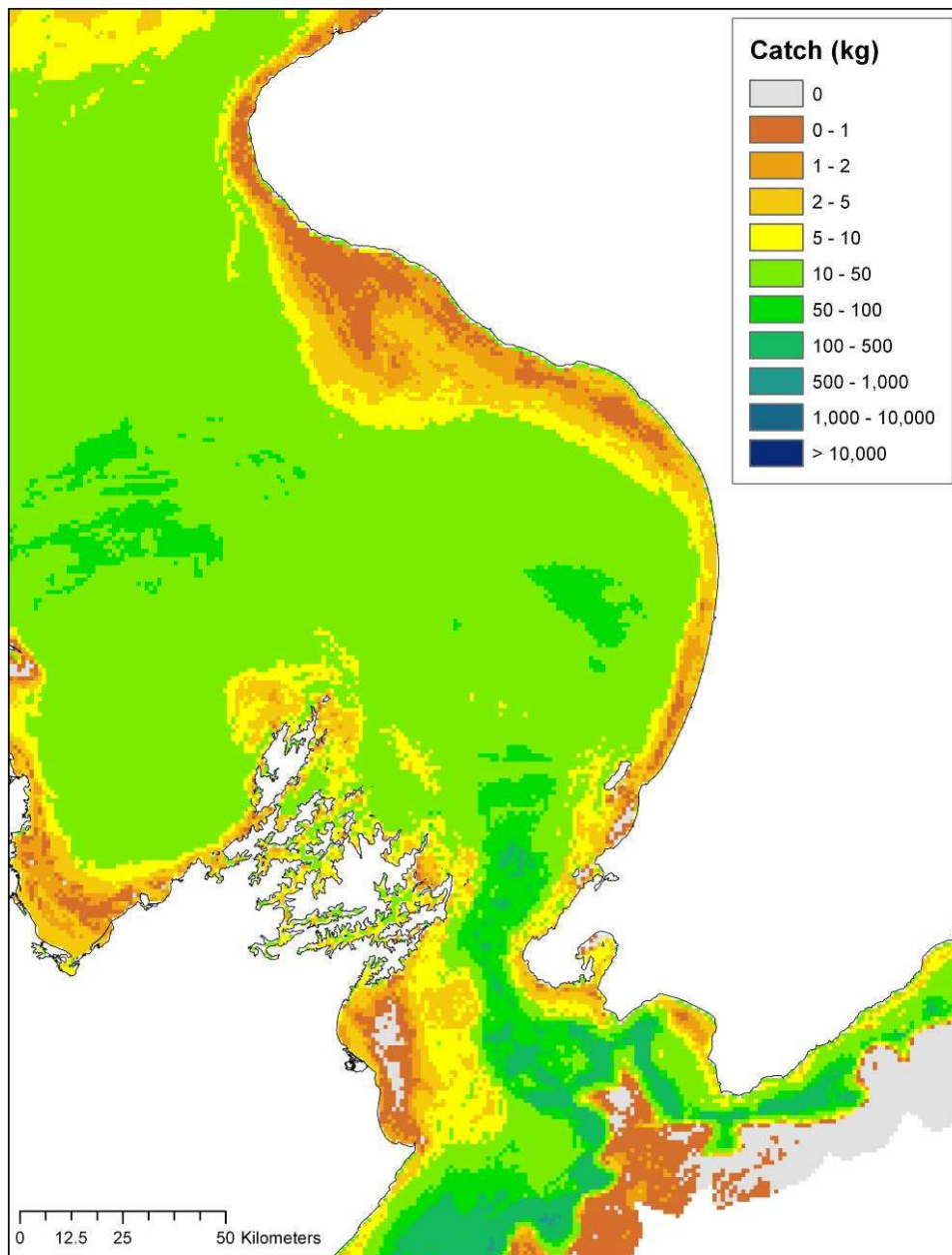


Figure A4.46: Catch (kg per hour) of silver warehou (*Seriolella punctata*) in a demersal trawl in the South Taranaki Bight region.

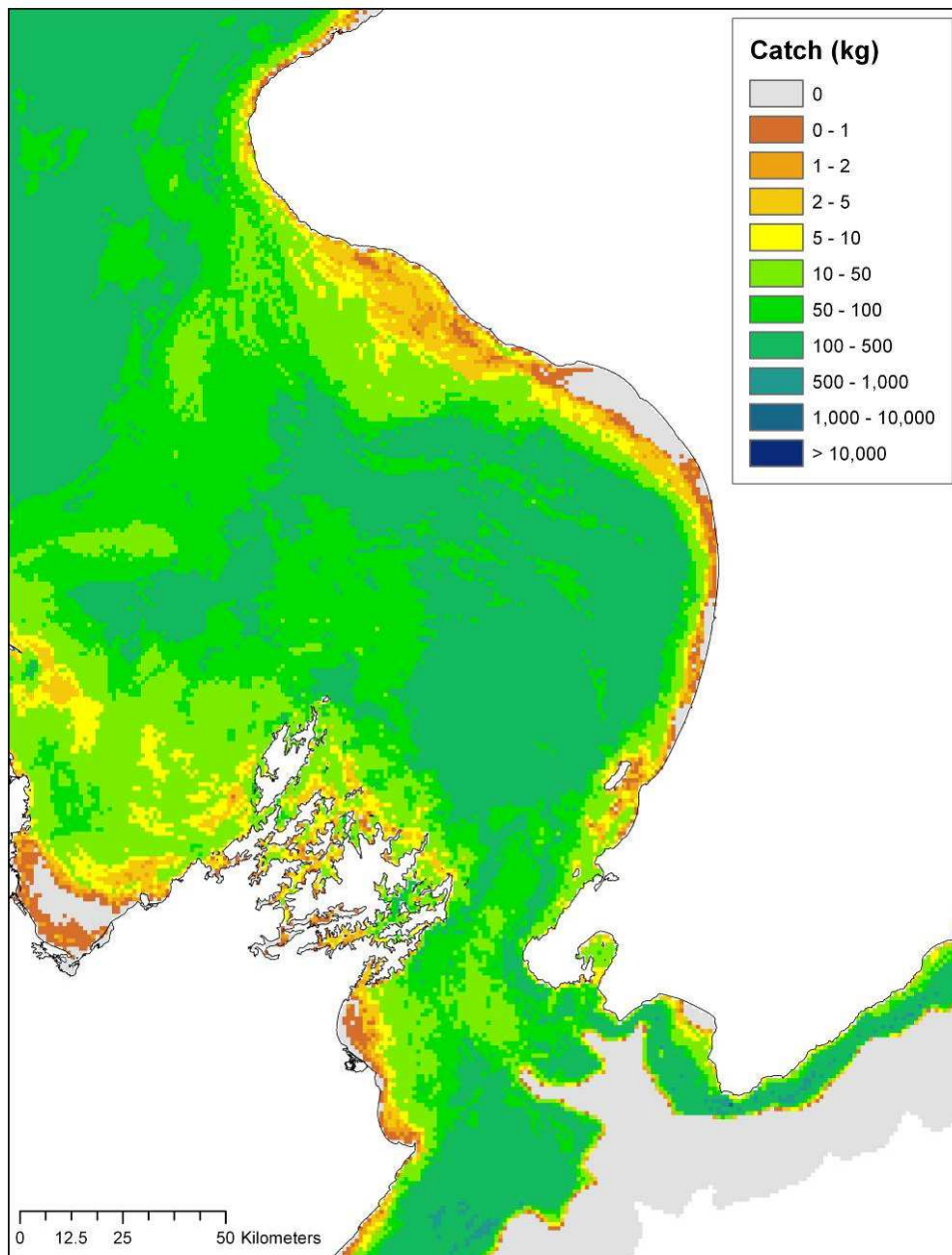


Figure A4.47: Catch (kg per hour) of tarakihi (*Nemadactylus macropterus*) in a demersal trawl in the South Taranaki Bight region.

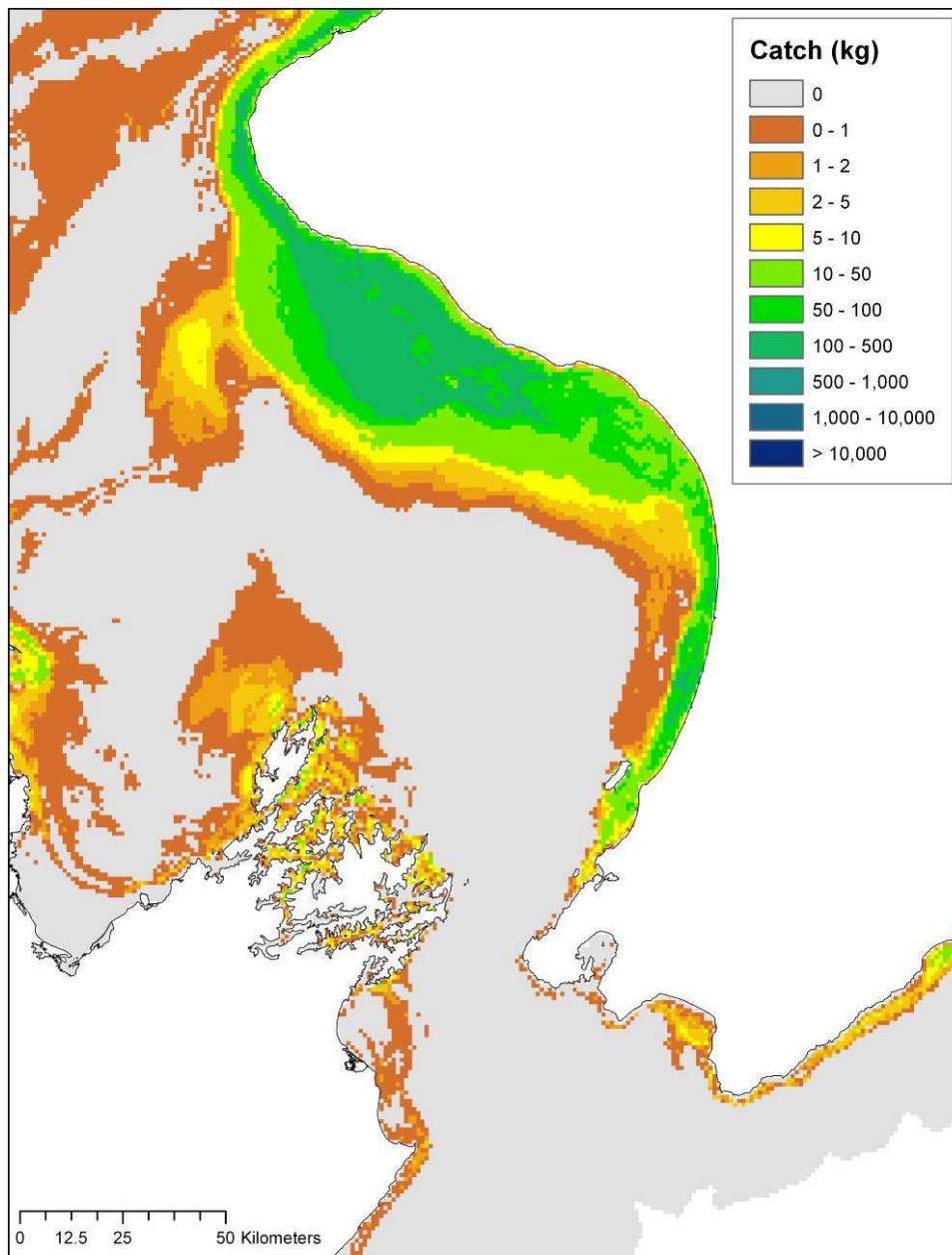


Figure A4.48: Catch (kg per hour) of trevally (*Pseudocaranx dentex*) in a demersal trawl in the South Taranaki Bight region.

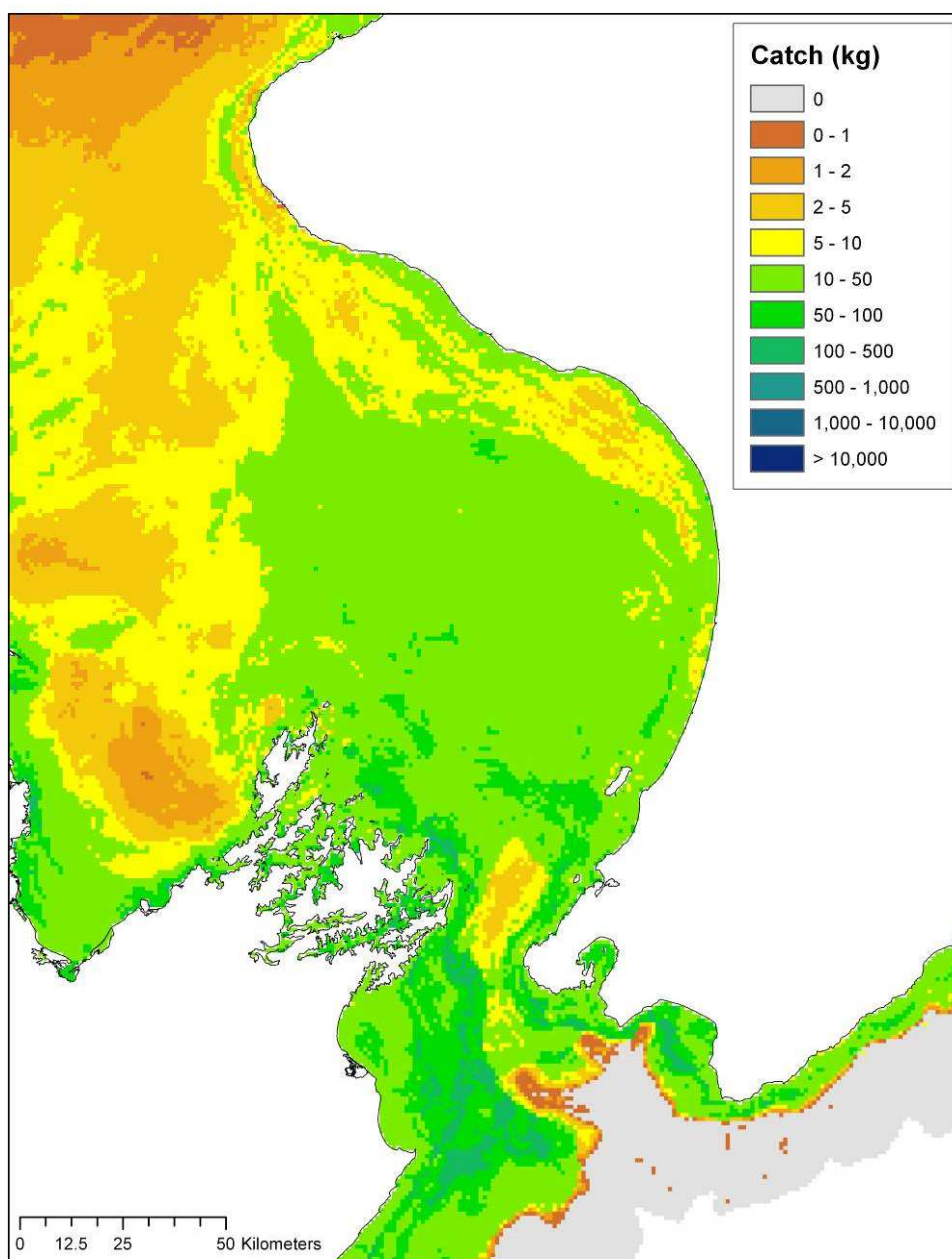


Figure A4.49: Catch (kg per hour) of common warehou (*Seriotelella brama*) in a demersal trawl in the South Taranaki Bight region.

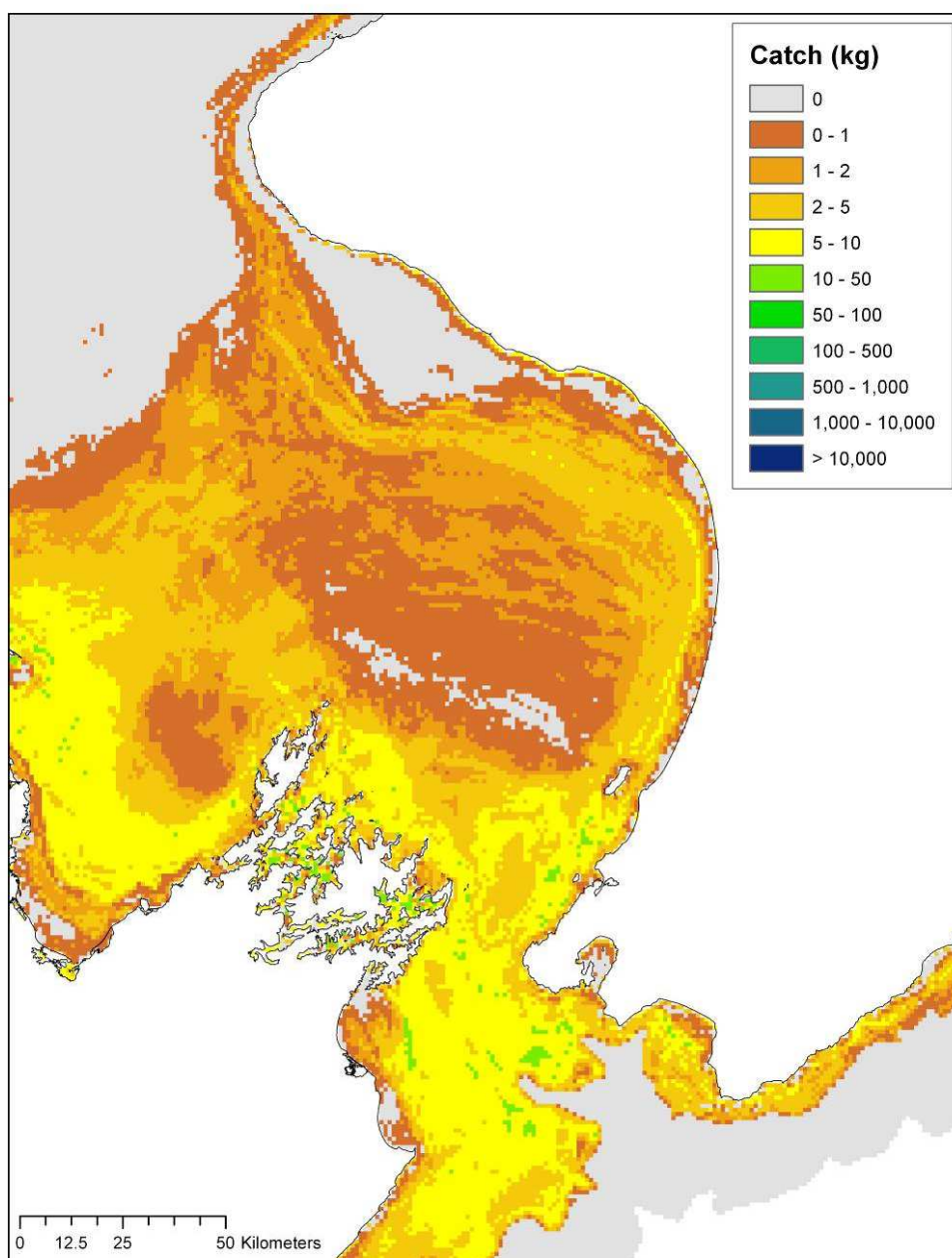


Figure A4.50: Catch (kg per hour) of witch (*Arnoglossus scapha*) in a demersal trawl in the South Taranaki Bight region.

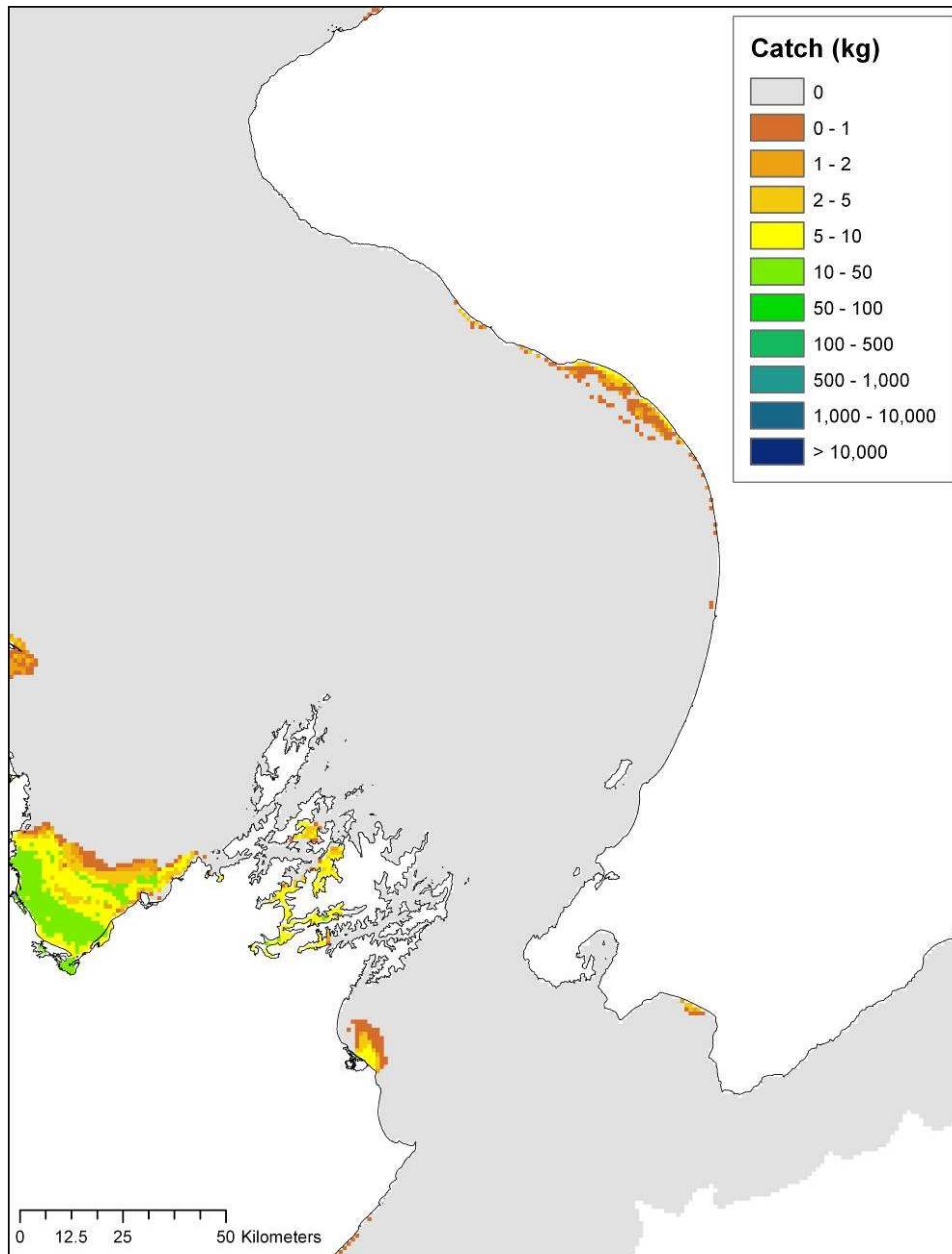


Figure A4.51: Catch (kg per hour) of yellow-belly flounder (*Rhombosolea leporina*) in a demersal trawl in the South Taranaki Bight region.