

Status of Fisheries Resources of Honda Bay (2003-2013)

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ABSTRACT

This paper discusses the status of fisheries resources of Honda Bay from January 2003 to December 2013. The eleven years annual production data shows a fluctuating trend. There was an increase in the annual number of boat landings of all gear from 95,284 in 2003 to 259,383 in 2011. The highest production was recorded in 2010 with 2,761.83 mt and the lowest in 2007 with 1,555.94 mt. Municipal fisheries contribute a large share of production with 86.03% dominated by *Leognathus splendens* with 9.58%, while commercial fisheries shares 13.97% dominated by *Amblygaster sirm* which shares 38.95%. The seasonality of fishing operation for municipal fisheries is not pronounced as almost all of the different gears surveyed operate year-round, while trend of production for commercial fishing operation is influenced by southeast monsoon “habagat” and northeast monsoon “amihan”. *Selar crumenophthalmus* and *Rastrelliger kanagurta* exhibits only one pulse per year while the *Siganus canaliculatus* and *Lethrinus miniatus* shows two pulses per year. Population parameter estimates showed that of the 10 species analysed, 93% have an exploitation ratio above 0.5 which indicates over exploitation.

Keywords: Honda Bay, Fisheries Resources, Overfishing, CPUE, Exploitation