

This study attempts to evaluate the productivity losses due to industrial accident. Four categories of accident by its severity have been analysed, namely, death, completed disability, partial disability, and slight injury. The empirical analysis is based upon workers over 12 years of age in Samutprakarn. The records of injury come from Samutprakarn Labour Office's Compensation Fund of 1989.

The losses of output due to industrial injury are evaluated from income foregone from the losses of working days or working efficiency or working life according to severity of injury. Life Table and Working-Life Table are applied to estimate the working life expectancy of each particular age group.

The result shows that in 1989 there were 30 deaths causing about 13,414,279 baht losses in money value. Two persons were found completely disable causing a productivity losses of 1,133,101 baht, 807 persons partially disable causing a productivity losses of 33,756,589 baht, 17,303 persons slightly injured causing a productivity losses of 13,091,936 baht respectively.