Hypertension is systolic blood pressure of 140 mmHg to more than 140 mmHg or diastolic blood pressure stream 90 mmHg for more than 90 mmHg in the individuals. Early detection of hypertension needs to be done because of damage to organs, especially the heart, kidneys and brain related to the degree of severity of hypertension. Medications given to patients is do therapy with the use of drugs, one of which is captopril in tablet that is the ACE inhibitor group. Angiotensin converting enzyme (ACE) inhibitors are recommended as first choice of drug based on a number of studies that show decreased morbidity and mortality from hypertension. Captopril is used because no effect on heart rate and cardiac output and does not reduce blood flow to the brain, coronary arteries, and kidney. In proving the factors which have influence over survival of patients with hypertension from government officials "X" in Jakarta, will be performed survival analysis using Weibull Proportional Hazard Regression modeling. Through the hazard function the odds ratios can be calculated so that the healing rate of patients with hypertension can be obtain. The analysis shows that survival time following the weibull distribution. Factors that influence the survival of patients with hypertension is variable classification of hypertension, heredity of the patient, sex, obesity, caffeine consumption, sleep quality of patients and work issues owned by the patient.

Keywords: Weibull Distribution, Hazard Function, Hypertension Weibull Proportional Hazard Regression,