We have calculated and plotted the grid values of internal fields of Chinese mainland and its adjacent areas in every 10a from 1960 to 2000 by combining CM4 model with Taylor polynomial model based on all survey data during 1960—2000, the truncate level of Taylor model is 5. Results show that internal field values of northern component X′ decreased with time. The amplitude was about 750nT in the period from 1960 to 2000. The internal field value of eastern Component Y decreased first, then continuously increased, and its intensities decreased about 40nT from 1960 to 2000. The internal field value of vertical component Z was similar to that of Y, its intensity totally increased about 600nT.