

Innovative Research Program on Suicide Countermeasures in FY2020: Report on Commissioned Research Results

Field 1: Establishing evidence around suicide countermeasures

Topic number : 1-2

Research topic:

Study on the Current Situation of Suicide in Japan Based on DPC data

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Summary:

The current situation of suicide in Japan based on DPC data from 2016 to 2018 was analyzed in this study. As a result, there were differences in suicide attempt methods between men and women, and mental illness was recorded as a comorbidity in about half of suicide attempt cases (most often mood disorders, followed by schizophrenia and neuropathy, and so on), There are significant differences between day and month in suicide attempts (mostly from April to October, Monday to Wednesday), and a statistically significant coincidence was observed between the month of birth and the month of a suicide attempt. Important findings were obtained when considering suicide countermeasures, such as the fact that the number of suicides including suicide attempts is small on weekends, but the suicide rate is high. From psychiatric experts, DPC data is considered to be useful information for grasping the situation of suicide including survivors in Japan, but it is necessary to refine Form 1 information to further utilize it.