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PUBTEXTO

Latest Data of COVID-19 Influencing Worldwide From John Hopkins University

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Abstract

The problem of coronavirus disease 2019 (COVID-19) has been globally prevalent until now. Daily results concerning COVID-19 have been presented from Johns Hopkins University (JHU). The excess deaths in many countries were remarkably elevated, but Japan showed minus value of -15,000. Ministry of Health, Labor and Welfare (MHLW) of Japan, published "July edition of current situation of COVID-19", and showed 0.796 million cases so far, 0.6% of total population. JHU presented world cases exceeding 190 million in mid-July, including US 34, India 31, Brazil 19 million, respectively. Tokyo Olympic has started on July 23, 2021 with maximum attention for COVID-19.

Keywords: Coronavirus Disease 2019 (COVID-19); Johns Hopkins University (JHU); Ministry of Health, Labor and Welfare (MHLW) Of Japan; Tokyo Olympic

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Commentary

The crucial problem of COVID-19 has been continued over the world. Authors et al. have reported COVID-19 related issues, such as lower level of excess death in Japan [1]. According to some cohort studies, various risks related to the exacerbation of COVID-19 were reported [2]. Daily results concerning COVID-19 have been presented from Johns Hopkins University (JHU) in the United States, which are useful and beneficial for various research worldwide [3]. Latest topics on COVID-19 will be described in this article.

From international statistic point of view, the number of infected people and excess death in each country was reported [4]. After that, detail investigation of excess death was presented in JAMA [5]. From these data, the number of excess deaths in many countries were remarkably elevated [3]. On the other hand, excess death in Japan was minus value of -15,000. Actual situation in Japan is as follows: i) Japan showed annual increase of +18000-20000 deaths for 2015-2019, ii) the result of 2020 was -9000 instead of elevation, iii) then it can be calculated as around -28000 for excess death [6]. "Current situation of COVID-19, Edition of July 2021" was published On July 9, 2021 from the Ministry of Health, Labor and Welfare (MHLW) of Japan [7]. It included the useful summary of clinical important aspects of recent situation of COVID-19 and latest information. Among them, Japan had 0.796 million COVID-19 cases until July 1, 2021, which is 0.6% of total population of Japan. The death rate showed that i) 1.0% totally, ii) 0.06% for patients in 50s (50-59 years) or younger, iii) 5.7% for patients in 60s or older [8].

Regarding the ratio of developing severely ill on COVID-19, statistical analyses were found [9]. In each age group, the exacerbation rate increases remarkably for advancing age. When 30s (30-39) becomes the standard (=1.0), 40s=4.0, 50s=10, 60s=25, 70s=47, >80s=70<. In contrast, younger generation revealed that <9=0.5, 10s=0.2, 20s=0.3 [7]. In Japan, Prof. Nishiura of Kyoto University is one of the authorities of infection epidemiology [10].

There was a recent news from John Hopkins University (JHU) in mid-July, 2021. The number of people infected with COVID-19 exceeded 190 million worldwide on July 18th, 2021 [3]. Coronavirus resource center shows daily current data, in which latest infected number and daily attention are shown as stay safe and stay informed (Figure 1).

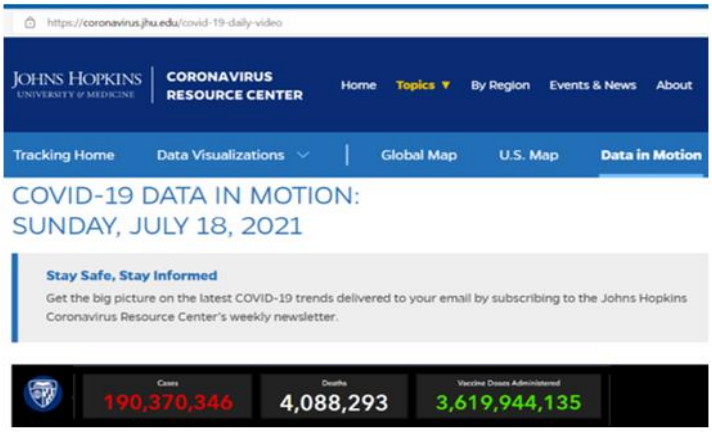

Figure 1*: COVID-19 Data from John Hopkins University.*

The number of newly infected people per week, which has been

decreasing since the beginning of May, has started to increase from the end of June, and the infection has entered the expansion phase again [11]. The World Health Organization (WHO) has announced the necessity of continuous measures to prevent the spread of COVID-19. Some concerns have been persisting about uncontrolled regulatory measures in each country. Furthermore, the epidemic status of emerging the Delta strain has strong infectivity, which was first confirmed in India. The number of infected people is outstandingly high, exceeding 34 million in the United States, 31 million in India, and 19 million in Brazil.

For 5-year interval, Tokyo Olympic has started on July 23, 2021 [12]. Japan has continued adequate protective management with maximum attention. Statistic data of COVID-19 patients on July 26 were 194 million worldwide [3]. Regarding the number of deaths in the world, it was 4.09 million on July 18th, and 4.16 million on July 26th, 2021 [3] (Figure 2).

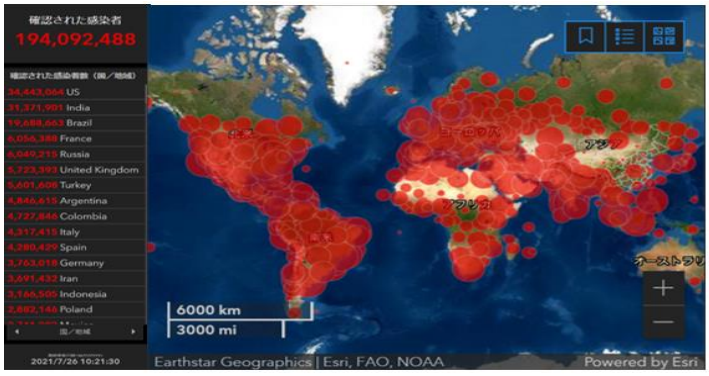

Figure 2: *Pandemic status of COVID-19 worldwide.*

Among many countries and districts, Japan has maintained the low levels of COVID-19 infection for long. There are various adequate reasons for that, in which lifestyle improvement, behavior control, philosophy and publicity for surrounding other people may be involved in the safer circumstances [13]. Future research on COVID-19 may be developed by taking advantages of artificial intelligence (AI) [14]. Furthermore, in the light of global environment, we expect the future society with sustainability of medicine, sound material-cycle society, coexistence of nature and humans without pandemic of infection [15].

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