Organizational Stress in Contemporary Japan

Tsuyoshi Ohira, Tetsushi Fujimoto, and Tomoki Sekiguchi

(CC-BY-NC-ND 4.0)

This OA chapter is Funded by Kyoto University

DOI: 10.4324/9780429292538-7
Introduction

Organizational stress is a contemporary social problem that undermines workers’ physical and mental health in Japan. The stress that Japanese workers experience is tightly connected to the ways in which employment is structured in society. Traditionally, Japanese employment has been characterized by things such as seniority wages, lifetime employment, and enterprise labor union (Hamaaki, Hori, Maeda, & Murata, 2012). Although this employment system was a powerful engine to prompt economic growth in postwar Japan (Hamaaki et al., 2012), it started changing after 1973 when an oil shock hit the economy, deteriorating the conditions of work and affecting the lives of employed men and women. The problem of organizational stress emerged and became increasingly serious as an inevitable consequence of this change.

In this chapter, we conduct a systematic review of existing studies of organizational stress in Japan, with particular focus on the following issues: (1) Karoshi (death from overwork) and Karo-Jisatsu (suicide caused by work stress), (2) long hours of work, (3) non-regular employment, and (4) workplace harassment. Since a number of earlier research in Japan examined the relationship between organizational stressors and physical and mental health for Japanese workers (Nagata, 2005), we investigate this relationship by exploring peer-reviewed articles written in both Japanese and English and were published after the year 2000. We searched two databases – CiNii Articles and Google Scholar – for articles by using keywords such as “Karoshi,” “Karo-Jisatsu,” “Cho-Jikan Rodo” (long hours of work), “Zangyo” (overtime work), “Hiseiki Koyo” (non-regular employment), and “Harasumento” (harassment). In addition to these keywords, we also used the word “Japan” when searching for articles written in English and the word “Sutoresu” (stress) to search for articles written in Japanese. After the search, we selected 38 articles – these included two articles on Karoshi and Karo-Jisatsu, 17 articles on long hours of work, 11 articles on non-regular employment, and 8 articles on workplace harassment. Each
section consists of an outline of issues including definitions, statistics, and a summary of findings. We also conducted an overview of government policies in Japan and the ways that Japanese employers respond to the problem of organizational stress. We conclude this chapter by noting some limitations in this review and by offering directions for future research.

Karoshi and Organizational Stress

Karoshi

Karoshi, or death from overwork, is perhaps the worst worker outcome of organizational stress in Japan. Japan’s Act of Promoting Measures to Prevent Death and Injury from Overwork defines Karoshi as “death due to cerebrovascular or heart disease brought on by an overload of work, or death by suicide related to mental disorder from the intense psychological burden at work” (Ministry of Health, Labour, and Welfare, 2019d). Karo-jisatsu is suicide caused by a work-related mental disorder, and it is usually separated from Karoshi (Iwata, 2009; Komorida, 2016). According to the 2018 Status Report of Industrial Accident Compensation for Karoshi (Ministry of Health, Labour and Welfare, 2019e), the number of Karoshi incidents, legally admitted as compensable by insurance, amounted to 82 in 2018 as compared to 160 incidents in 2002, while the number of Karo-Jisatsu, including attempted suicide, rose from 43 in 2002 to 76 incidents in 2018.

Similarities and Differences between Karoshi and Karo-Jisatsu

There are similarities and differences between Karoshi and Karo-Jisatsu. According to the Ministry of Health, Labour, and Welfare (2019e), one of the similarities is that most workers who died from Karoshi or Karo-Jisatsu are men in regular employment. As for differences, a vast majority of Karoshi victims are in their 40s and 50s; whereas, Karo-Jisatsu tends to occur in all age groups. Employees who died from Karoshi are concentrated in the mailing and transportation industry; whereas, those who died from Karo-Jisatsu are distributed across a wide variety of industries – such as manufacturing, retail, lodging, and wholesale. In addition, many of the workers who died from Karoshi put in more than 60 hours of work per week, although Karo-Jisatsu occurred even among those who worked only a few hours of overtime in a day.

Causes of Karoshi and Karo-Jisatsu

Previous studies suggest that working long hours is a significant cause of Karoshi (Kanai, 2008). Long hours generally reduce sleep time, while
increasing the risk of cerebrovascular and heart disease (Iwasaki, 2008). In addition to long hours, the presence of an extremely heavy workload is required for death to be certified as Karoshi by the Industrial Accident Compensation Insurance (Ministry of Health, Labour, and Welfare, 2019d). On the other hand, a prerequisite for suicide to be insured as Karo-Jisatsu is an individual experience of strong psychological pressure from work (Ministry of Health, Labour, and Welfare, 2019d). For example, Karo-Jisatsu is associated with unreasonable changes in job assignments, overtime work exceeding 80 hours per week, workplace harassment, and interpersonal problems with supervisors (Ministry of Health, Labour, and Welfare, 2019e).

**Karoshi, Karo-Jisatsu, and Organizational Stress in Japan**

Although a variety of work stressors is relevant to Karoshi and Karo-Jisatsu, a limited number of studies have explored how they may be related to organizational stress. Iwata (2009) found that workers who died from Karoshi had experienced a sudden increase in workload, and their work conditions were more likely to be severe compared to those who committed Karo-Jisatsu. In contrast, unexpected job assignments and interpersonal problems with their supervisors were more likely to be observed in the cases of Karo-Jisatsu. Komorida (2016) showed that those who committed Karo-Jisatsu, compared to those who died from Karoshi, tend to have been assigned an unreasonable amount of work and have experienced harassment in their workplace.

**Long Work Hours and Organizational Stress**

**Long Work Hours**

A general consensus seems to be that Japanese workers work long hours (Ogura, 2008). According to the Monthly Labor Survey conducted by the Japanese Ministry of Health, Labor, and Welfare (Ministry of Health, Labour, and Welfare, 2019a), the average annual hours rendered by an individual worker in 2018 is 1,706. Due to the increase in non-regular employment, the overall hours of work for the Japanese have gradually decreased in recent years. However, the hours for regular workers have not noticeably changed (2,010 hours in 2018), and they still work nearly twice as long as non-regular workers (1,025 hours in 2018). Moreover, men in their 30s and 40s and those who work in the mailing, transportation, building, manufacturing, and information and communication industries are more likely to put long hours at work. Table 7.1 shows the average number of hours worked by individual workers annually, as well as the proportion of workers working 49 hours or more per week in developed countries. As shown in the table,
Japan (1,713 hours in 2016) is among the countries with the longest hours of work in 2016. Other countries include South Korea (2,069 hours) and the United States (1,783 hours). While Japan’s work hours are decreasing, the average annual overtime hours have slowly increased after 2009 – reaching 129 hours in 2018. Note that the number of employees working for more than 60 hours per week, excluding those who work in agricultural industries, has decreased in recent years, yet 4.32 million workers (7.7% of all workers) are still at risk of Karoshi. As Table 7.1 shows, the proportion of Japanese workers working 49 hours or more per week was 20.8% in 2015, and this proportion is the second largest next to Korea (32.0%).

### Table 7.1 The Average Annual Number of Hours Worked by Individual Workers and the Proportion of Workers Working 49 Hours or More Weekly in Developed Countries

<table>
<thead>
<tr>
<th>Country</th>
<th>Average Annual Number of Hours Worked by Individual Workers in 2017</th>
<th>Proportion of Workers Working 49 Hours or More Weekly in 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>1,709</td>
<td>20.6%</td>
</tr>
<tr>
<td>USA</td>
<td>1,780</td>
<td>19.3%</td>
</tr>
<tr>
<td>Canada</td>
<td>1,695</td>
<td>12.3%</td>
</tr>
<tr>
<td>UK</td>
<td>1,543</td>
<td>11.7%</td>
</tr>
<tr>
<td>Germany</td>
<td>1,360</td>
<td>8.5%</td>
</tr>
<tr>
<td>France</td>
<td>1,522</td>
<td>10.1%</td>
</tr>
<tr>
<td>South Korea</td>
<td>2,018</td>
<td>29.0%</td>
</tr>
</tbody>
</table>

Sources: OECD (2020); International Labour Organization (2020).

Long Hours of Work and Organizational Stress in Japan

A number of studies conducted in Japan attempted to examine the relationship between long work hours and workers’ health, but the results remain unclear. Approximately half of the research reported that long hours made workers’ physical and mental health deteriorate. For example, an increase in work hours and overtime was negatively related to mental health for women workers with children and workers in community services (Koizumi, Sugawara, Maekawa, & Kitamura, 2003; Suzumura et al., 2013; Yamaguchi, 2010). Long hours and overtime also exerted harmful influence on workers’ physical health – such as back and neck pain, fatigue, sleep deprivation, and tinnitus (Koda et al., 2000; Kubo, Sasaki, & Matsumoto, 2010; Nakata et al., 2001). Furthermore, Umehara, Ohya, Kawakami, Tsutsumi, and Fujimura (2007) showed that psychosomatic symptoms were more likely to result when workers work long hours and overtime. Fukui, Haratani, Fukazawa, Nakata, Takahashi, and Fujioka
(2003) found a significantly higher level of psychological and physical strain among IT engineers who work long hours beyond 10 P.M. The remaining half of the research failed to confirm the presence of a significant relationship between long hours and individual health (Fukuyama & Inoue, 2017; Haoka et al., 2010; Kataoka, Kazuhiro, Masahito, Tetsuya, & Beth, 2014; Nakada et al., 2016; Nishikitani, Nakao, Karita, Nomura, & Yano, 2005; Nishitani & Sakakibara, 2010; Nozaki et al., 2012; Tarumi & Hagihara, 2002; Tominaga & Asakura, 2006). Rather than long hours and overtime, some research showed that having heavy workload was negatively associated with physical and mental health (Fukuyama & Inoue, 2017; Haoka et al., 2010; Nakada et al., 2016; Tominaga & Asakura, 2006).

Non-Regular Employment and Organizational Stress

Non-Regular Employment

Expansion of non-regular employment is one of the most significant changes that took place in Japanese labor markets during the past 20 years. While there is no solid agreement on the definition of non-regular employment (Kitagawa, Ohta, & Teruyama, 2018), a recent labor force survey conducted by the Japanese government has categorized non-regular employment based on the terms used in employment contracts and divided non-regular employment into six types (Fu, 2013). Part-time workers share a large proportion of non-regular employees, and they can be classified further into paato (part-time workers) and arubaito (fringe workers). On one hand, the vast majority of paato workers are married mothers with children, and they are likely to have fixed work schedules. On the other hand, many arubaito workers tend to consist of young people, including students, who often have flexible and short work schedules. Contract workers work in a fixed-term employment contract. Haken workers (dispatch workers) are hired by and sent from a staffing agency. Entrusted workers tend to consist of older workers who are reaching retirement. Others include seasonal, emergency, or daily workers who are employed for a designated period of time.

Increasing Non-Regular Employment

According to the 2018 Labor Force Survey conducted by the Ministry of Internal Affairs and Communications (Ministry of Internal Affairs and Communications, 2019), the number of non-regular workers has gradually increased over the years and has reached 21.2 million in 2018. This includes 10.35 million paato, 4.55 million arubaito, 2.94 million contract workers, 1.36 million haken, 1.2 million of entrusted workers,
and 0.8 million others. Non-regular workers consist of approximately 38% of all employees in 2018. Why have non-regular workers increased in Japan? Asano, Ito, and Kawaguchi (2013) argue that a part of the reason why non-regular employment boomed in Japan is that a large number of young men and women had to reluctantly choose non-regular work due to employer reluctance of long-term hiring of employees. In addition, Japanese Ministry of Health, Labour, and Welfare (2019c) suggests that the increase in foreign-born part-time workers, including international students, may have contributed to the increase of non-regular workers.

Non-Regular Employment and Organizational Stress in Japan

Along with an increase in non-regular workers, researchers have come to focus on two topics relevant to non-regular employment. The first topic is the antecedents of non-regular workers’ stress. Earlier studies showed that organizational stressors – such as a wide range of job assignments (Ozono, 2010), employment insecurity (Takahashi, Morita, & Ishidu, 2014), and heavy workload (Takahashi et al., 2014) – have a detrimental effect on non-regular workers’ mental health. Furthermore, women in non-regular employment (Ozono, 2010) and economically challenged non-regular workers (Takahashi et al., 2014) experience higher levels of stress in their jobs. Previous research also found several antecedents that exert positive effects. For example, job autonomy (Ozono, 2010; Uehara, Kanbara, Shido, Nishi, & Miyake, 2014), supervisors’ active listening, and the number of supportive co-workers are likely to ameliorate non-regular workers’ mental health. Moreover, age (Morita, 2018), family satisfaction (Nakahara, 2007; Uehara et al., 2014), health satisfaction (Uehara et al., 2014), internal locus of control (Uehara et al., 2014), job satisfaction (Nakahara, 2007; Takahashi et al., 2014), perceived work-life balance (Uehara et al., 2014), and a sense of contributing to their work (Morita, 2018) are also positively related to non-regular workers’ mental health.

The second relevant topic is the difference in mental health between regular workers and non-regular workers. Compared to regular employment, M. Inoue (2012) argued that non-regular work may negatively affect an individual’s mental health due to employment insecurity, severe work conditions, and limited opportunities for job training and career development. Although previous research conducted in the United States and European Union countries showed that non-regular workers’ mental health is worse than those in regular employment (Virtanen et al., 2005), many earlier Japanese studies failed to confirm the difference in mental health between regular and non-regular workers (Imai, 2018; Matsuyama, 2010; Mori, Iwata, & Tanaka, 2014; Morita, 2018; Nakahara, 2007; Takahashi et al., 2014; Uehara et al., 2014). Only A.
Inoue, Kawakami, Tsuchiya, Sakurai, and Hashimoto (2010) found that men in part-time work experience a higher level of psychological distress than men regular workers. Inoue et al. (2010) also showed that women in temporary/contract work are more likely to experience psychological distress than women regular workers. Some prior research, however, found better mental health among non-regular workers than among regular workers (Kamiya, Sugiyama, Toda, & Murayama, 2011; Komura & Ishitake, 2012). Thus, results are mixed when it comes to the difference in mental health between regular and non-regular workers in Japan.

Workplace Harassment and Organizational Stress

Workplace Harassment

In Japan, workplace harassment is a serious emergent social problem at work. Although workplace harassment includes various types of harassment and bullying, this section deals with two major types of harassment in Japan: power harassment and sexual harassment. Power harassment is the most common type of harassment at work (Ministry of Health, Labour, and Welfare, 2017), and it is defined as “the acts of a worker that cause his/her co-workers (usually subordinates) mental or physical pains, or cause their work environment to deteriorate, using his/her managerial or relational superiority in the workplace” (The Japan Institute for Labour Policy and Training, 2013). Sexual harassment is the second most common type of harassment at work (Ministry of Health, Labour, and Welfare, 2017). The Japanese government defines sexual harassment as “an incident when a worker suffers disadvantages such as dismissal, demotion, and a decrease in wages as a result of his/her responses to harassment, and such incident seriously causes the work environment to deteriorate, thus exerting serious and adverse effects on the worker’s performance” (Ministry of Health, Labour, and Welfare, 2012).

Characteristics of Power Harassment and Sexual Harassment

The Workplace Power Harassment Survey conducted in 2016 by Japanese Ministry of Health, Labour, and Welfare (Ministry of Health, Labour, and Welfare, 2017) reported that approximately one-third of Japanese workers had experienced power harassment at work in the past. According to the survey results, power harassment mainly consists of psychological abuse (73.5%) and physical attack (14.6%) (Ministry of Health, Labour, and Welfare, 2017). In most cases, supervisors are the perpetrators who harass their subordinates, and some junior and non-regular workers are also among the victims. In addition, the lack of
communication between supervisors and subordinates in the workplace tended to cause power harassment.

According to the Annual Health, Labor, and Welfare Report 2018 (Ministry of Health, Labour, and Welfare, 2019b), sexual harassment is a type of job discrimination that Japanese women experience most frequently. A survey conducted in 2015 reported that 34.7% of regular workers experienced sexual harassment in the past, while only 17.8% of non-regular workers experienced it (The Japan Institute for Labour Policy and Training, 2016). The survey also found that 53.9% of the victims experienced unwanted remarks about their age and physical appearance, and 40% were asked sexual questions and experienced nonconsensual bodily touch. In a large proportion of cases, men, – particularly men in supervisory positions – harassed women, and the vast majority of victims could do nothing but tolerate such harassment.

**Workplace Harassment and Organizational Stress in Japan**

Although no prior research has focused on the relationship between power harassment and organizational stress, some studies looked at how workplace harassment may be related to Japanese workers’ health. First, sexual harassment exerts a negative influence on workers’ physical and mental health. For example, sexual harassment induces anxiety and stress-related physical symptoms for women in care work (Taniguchi et al., 2012; Taniguchi, Takaki, Hirokawa, Fujii, & Harano, 2016). Although Kakuyama, Matsui, and Tsuzuki (2003) showed that sexual harassment is not associated with psychological and physical stress responses, they found a moderating effect of the victim’s vulnerability in the relationship between sexual harassment and physical stress responses for women. Furthermore, sexual harassment has a positive influence on burnout of research workers (Takeuchi et al., 2018). Second, workplace bullying is negatively associated with workers’ physical and mental health. Person-targeted bullying at work (e.g., malicious gossip and rumors) has a negative effect on vigor for women in care work (Taniguchi et al., 2012) and has a positive effect on their psychological and physical stress responses (Taniguchi et al., 2016). Work-related bullying (e.g., intentionally withholding necessary information to affect co-worker’s or subordinate’s work) is negatively related to men care workers’ vigor and positively associated with women’s depression (Taniguchi et al., 2012), but it has no significant influence on psychological and physical stress responses for care workers (Taniguchi et al., 2016). Moreover, workplace bullying not only increases depression, but also intensifies the relationship between job strain and depression (Takaki et al., 2010).
Government Policies and Employer Responses to Organizational Stress in Japan

As reviewed above, there are various issues relevant to organizational stress in Japan. Now then, how do the Japanese government and employers attempt to tackle the problems? In this section, we briefly summarize Japanese government policies and employer responses to organizational stress.

Acts for Promoting Work Style Reform

The Japanese government set goals in 2018 to reduce the proportion of workers who were rendering more than 60 hours of work per week to no more than 5% while increasing the usage rate of paid vacation days by up to 70% in 2020 (Ministry of Health, Labour, and Welfare, 2019d). To promote the Japanese government’s Work Style Reform wherein the Japanese government attempted to decrease long hours of work, regulations on overtime work were tightened by amending the Labor Standards Law (Ministry of Health, Labour, and Welfare, 2018). The new regulation caps overtime at 45 hours per month and 360 hours per year, and employers must agree that the number of overtime hours is within the limits of the law and their employees. Moreover, the government encourages employers to adopt a work time scheduling system for reducing hours of work. The system sets intervals between each day’s work so that employees have enough time to recover from fatigue.

Fair Treatment of Non-Regular Employment

The government has implemented policies to improve the work conditions of non-regular workers. Although employers have increasingly hired non-regular employees to reduce labor costs and to adjust employment (Hirano, 2010), they will be required to provide fair treatment for regular and non-regular workers from 2020 – if non-regular workers have the same job assignments as regular workers (Ministry of Health, Labour, and Welfare, 2018). In addition, the government has raised the minimum wage, and this has increased the number of social insurance holders among non-regular workers (Ministry of Health, Labour, and Welfare, 2019b).

Preventing Harassment at Work

The Japanese government stipulates that employers should take active measures against workplace harassment. For example, an act that will become effective in 2020 requires that employers launch consultation services and training programs to tackle power harassment while
penalizing perpetrators of power harassment in accordance with their employment rules (The Japan Institute for Labour Policy and Training, 2019). As revealed in the 2016 Workplace Power Harassment Survey (Ministry of Health, Labour, and Welfare, 2017), a large number of employers had already implemented preventive measures against power harassment. Although employers are likely to opt for verbal reprimands and job transfers as punitive measures for perpetrators of power harassment, they are much less likely to fire or cut salaries of perpetrators (Ministry of Health, Labour, and Welfare, 2017). The government also obliges employers to respond firmly to sexual harassment, while providing appropriate consultations and educational programs (Cabinet Office, 2019). Employers commonly investigate sexual harassment claims and give warnings to those who are accused, yet some employers force victims of harassment into resigning or ignore their claims without taking any action (The Japan Institute for Labour Policy and Training, 2016).

**Stress Check Program**

The Japanese government initiated the Stress Check Program in 2015 in order to screen workers experiencing high levels of psychosocial stress in the workplace (Kawakami & Tsutsumi, 2016; Tsutsumi, Shimazu, Eguchi, Inoue, & Kawakami, 2018). The program requires employers to do the following steps (Tsutsumi et al., 2018): First, employers are required to examine workers’ stress every year by administering the Brief Job Stress Questionnaire (BJSQ), a survey developed in Japan in reference to the Job Content Questionnaire (JCQ) (Karasek, 1979) and the NIOSH Generic Job Stress Questionnaire (Enoki, Maeda, Iwata, & Murata, 2017; Inoue et al., 2014). Second, they must inform workers of their stress levels based on the questionnaire results. Third, it is stipulated that employers must arrange physician interviews for workers experiencing high levels of work stress. Fourth, employers are expected to improve their workers’ job environment in accordance with the physician’s advice. Although the BJSQ predicts future risks of employees’ long-term sick leaves (Tsutsumi et al., 2018), there is little evidence as to why and how the physician interviews may be effective (Kawakami & Tsutsumi, 2016; Tsutsumi et al., 2018). Moreover, it is indicated that employers are less likely to arrange interviews for highly stressed workers (Tsutsumi et al., 2018). The program also urges employers to take advantage of the survey data for improving their workplace, and it is expected that data analyses are conducted by more than 60% of employers (Ministry of Health, Labour, and Welfare, 2019d).
Facilitating Health and Productivity Management

Health and productivity management is viewed as an effective measure to enhance organizational performance by improving workers’ health (Morinaga, 2019). The government launched the Certified Health and Productivity Management Organization Recognition Program to recognize outstanding organizations engaging in health and productivity management (Ministry of Economy, Trade, and Industry, 2018). Although no more than 0.1% of all profit and non-profit organizations in Japan obtained this certification in 2019, there are many unique examples. For instance, an information systems company provided a lump sum of money based on the extent of workers’ engagement in health practices and the results of medical examinations. Another power and telecommunications company installed monkey bars at work, so that employees may exercise at the office (Morinaga, 2019).

Limitations and Future Directions

In this chapter, we reviewed existing research on organizational stress in Japan, focusing on Karoshi and Karo-Jisatsu, long work hours, non-regular employment, and workplace harassment. We conclude this chapter by underscoring some limitations in our review and by showing directions for future research.

Limitations

First, we admit that some stressors (e.g., workload) and outcomes (e.g., job satisfaction and absenteeism) were not included in this chapter. Although we are fully aware of their importance in organizational stress research, we decided to limit the content of this chapter to keep it focused. Second, although articles published without peer reviews in in-house journals of Japanese universities report interesting findings, we only included the results from peer-reviewed articles in this chapter, so that we could keep our systematic review academically acceptable. Third, we used a limited number of keywords when searching databases, so we may have omitted possible searchable studies with other keywords – such as “medical research.”

Directions for Future Research

First, researchers examining the relationship between long work hours and workers’ health must look at the influence of workload. Some of the previous studies showed that the impact of long hours on physical and mental health disappears when workload is taken into consideration (Fukuyama & Inoue, 2017; Haoka et al., 2010; Nakada
et al., 2016; Tominaga & Asakura, 2006). The information on workload might tell us something about the root cause of the negative influence that long hours exert on workers. Second, researchers studying Karoshi and Karo-Jisatsu should look more carefully at the specific characteristics of workplaces and organizations. There are many studies investigating the cause of Karoshi and Karo-Jisatsu (e.g., Ministry of Health, Labour, and Welfare(2019d)), but few have focused on how those causes might be related to characteristics of workplaces and organizations in which Karoshi and Karo-Jisatsu take place. We believe it is valuable to integrate the contexts of workplaces and organizations in analyses of Karoshi and Karo-Jisatsu. Third, researchers comparing regular and non-regular employment would benefit by using all types of non-regular employment in their analyses. It may be possible that the unsubstantiated difference in mental health between regular and non-regular workers reflects a variety of backgrounds and work conditions associated with each type of non-regular employment. Fourth, researchers should pay more attention to power harassment. Despite the growing awareness about the devastating consequences of workplace harassment (Tsuno, 2016), there has been little research that focuses on power harassment (e.g., Nii, Tsuda, Tou, Yamahiro, and Irie (2018)). In particular, research examining the relationship between power harassment and mental health is important because Karo-Jisatsu is related to interpersonal problems with their supervisors (Iwata, 2009; Komorida, 2016). Fifth, it would be worth conducting intervention studies in order to confirm the effectiveness of certain policies and management strategies. Since the vast majority of reports highlight unique examples of workplace practices, it is important for policymakers and employers to expand their scope by engaging in a new endeavor, like intervention study, so that Karoshi and Karo-Jisatsu – as well as deterioration of workers’ health – may better be prevented.

References
Fukui, Satoe, Haratani, Takashi, Fukazawa, Kenji, Nakata, Akinori, Takahashi,


Ministry of Health, Labour, and Welfare. (2017). Syokuba no pawaa harasumento ni kansuru jittai chosa hokokusyo.[Workplace power harassment survey in...


Taniguchi, Toshiyo, Takaki, Jiro, Hirokawa, Kumi, Fujii, Yasuhito, & Harano,


