

*Review Article*

## **Socioeconomic Status and Mental Health among Low-income Employees: A Systematic Literature Review**

**Errna Nadhirah Kamalulil and Siti Aisyah Panatik\***

*School of Human Resource Development and Psychology, Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia, 81310 UTM Johor Bahru, Johor, Malaysia*

### **ABSTRACT**

Low-income employees are among the focus individuals whose socioeconomic status plays a major role in determining positive or negative mental health status. Mental health among low-income employees is a global issue that requires a comprehensive understanding of its determinant. The objective of this study is to systematically review scientific evidence on the impact of socioeconomic status on mental health among low-income employees. This systematic review was conducted in accordance with the PRISMA guidelines, and data retrieval was done on 7th October 2020 using Scopus, Web of Science and Google Scholar. Based on the inclusion and exclusion criteria of this study, a total of 19 studies were included. Results indicate that the majority of the included studies revealed that socioeconomic status influences mental health, while two studies showed no influence. In conclusion, the findings from the review can provide guidelines to promote better mental health among low-income employees.

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*E-mail addresses:*

[ernnanadhirah@graduate.utm.my](mailto:ernnanadhirah@graduate.utm.my) (Errna Nadhirah Kamalulil)

[saisyah@utm.my](mailto:saisyah@utm.my) (Siti Aisyah Panatik)

\*Corresponding author

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### **INTRODUCTION**

Poverty is a global issue that has influenced the world economic system. Socioeconomic status is one of the contributing factors of economic trends where there are disparities

in income distribution (Hiilamo, 2014; Van Deurzen et al., 2015). Cingano (2014) reported an increase in total income inequality due to the rising of top income earners' shares and the decline of bottom incomes during the booming economics and fell during economic crises. Even for the past decade, Ferreira and Ravallion (2008) also claimed that the world was facing an income inequality crisis, particularly in developing countries; and the association between the average levels of inequality and development levels were negative. For example, the United States, one developed country, has 38.1 million people living in poverty (11.8%), and approximately 5.3% of individuals had family income below 50% of the poverty threshold (Semega et al., 2020). Perhaps, more surprisingly, the unemployment rate increased 5.6% in 2020 because the world economy is largely affected by the global pandemic, which leads to financial strain (Organisation for Economic Co-operation and Development, 2020).

The disparities of income distribution within a population have affected the mental health of individuals. Positive mental health is associated with high socioeconomic status, low-income inequality and low financial strain. Population-based studies from Australia (Isaacs et al., 2018), United States (Pabayo et al., 2014), Finland, Poland and Spain (Domènech-Abella et al., 2018) demonstrate that higher socioeconomic status reduces the risk of mental health issues among employees in high-income countries. Moreover, a two-year longitudinal

study of 34,653 working adults (Pabayo et al., 2014) showed that rates of depression were significantly higher for bottom income earners. Dijkstra-Kersten et al. (2015) found that the more financial strain encountered among the employees, the higher the odds of being depressed. However, Adjaye-Gbewonyo et al. (2016) and Damaske et al. (2016) argued that the relationship between socioeconomic status and mental health is not linear. If the employees earn a higher income, then their income could cause psychological distress.

Following these considerations, the empirical evidence demonstrates the vital role of employees' mental health status as their socioeconomic status largely determined it. However, a previous study conducting on a small number of employees in a wide area, such as Damaske et al. (2016), leads to less clarification of the findings. Furthermore, due to the under-representation of the sample, the findings cannot be generalised to the target population resulting in weak inferences development. In addition, the relative uncertainty of the socioeconomic status definition and wide range of concepts in the mental health context cause difficulties in concluding. Accordingly, synthesising the included studies is needed to draw the empirical evidence and promote an understanding of the findings obtained regarding the impact of socioeconomic status on mental health among low-income employees across nations.

## METHODOLOGY

### The Publication Standard – PRISMA

The study selection was conducted according to Preferred Reporting Items for Systematic Reviews and Meta-Analysis (PRISMA), as shown in Figure 1. PRISMA or publication standard guides the authors to describe the review process of selected articles and assists both reviewers and readers in the logical stages of searching the relevant research articles (Vu-Ngoc et al., 2018). The authors began the systematic literature review based on the publication standard by formulating a suitable research question. Next, the relevant journal databases to be used are finalised. Lastly, the authors describe the systematic searching strategy comprising three major processes (i.e., identification, screening and eligibility) in selecting of relevant research articles.

### Formulation of Research Question

For this systematic review, PICO was used as guideline to formulate the research question. PICO is a method to assist the authors in formulating the suitable research question. The major components of PICO include population, phenomenon of interest and context (Stern et al., 2014). Based on these three components, the authors have followed the guideline for the review namely low-income employees (Population), the influence of socioeconomic status on mental health (Interest) and worldwide (Context) which then direct the authors to develop the main research question – Does socioeconomic status influence mental

health among low-income group across nations?

### Resources

Scopus, Web of Science and Google Scholar are the three online databases that have been utilized for literature search and data retrieval. Both Scopus and Web of Science are regarded among the most significant databases for social science field. In terms of journal coverage, Scopus is wider compared to Web of Science (Mongeon & Paul-Hus, 2016) but Web of Science produces greater number of articles with high impact factors (Chadegani et al., 2013). The utilization of Google Scholar apart from these two databases in searching the relevant articles is because of the high accessibility rate of articles.

### Systematic Searching Strategies

Identification, screening and eligibility are the three main processes in the systematic searching strategies (refer to Figure 1).

**Identification.** Identification is a method for searching for any synonym, words associated and variations in the primary keywords of the study namely socioeconomic status, mental health and low-income employees. As proposed by Okoli (2015), the keywords development is on the basis of the concise research question and the keywords are constructed by keywords suggested by Scopus, keywords used by previous studies and expert opinions. Search strings were developed by using Boolean operator, phrase searching, truncation and wildcard.

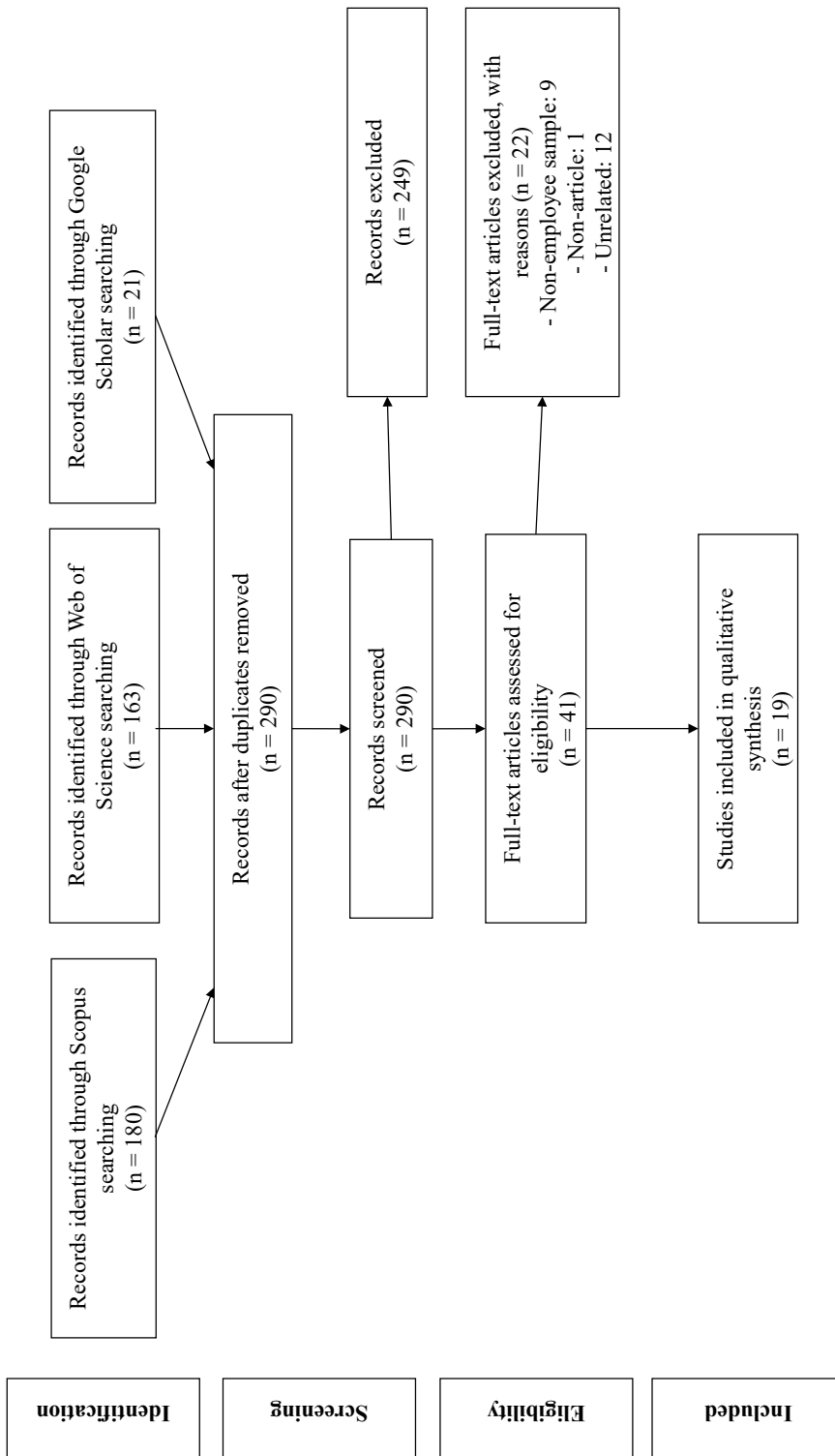


Figure 1. PRISMA flow diagram for selection process. Adapted from Moher et al. (2009)

This process aims to provide the selected database with more options to browse for more relevant articles and the authors are able to widen the related keywords in the full search string on the two main databases used namely Scopus and Web of Science as shown in Table 1. For supplementary articles, Google Scholar was chosen as an

additional online database as in congruence with the suggestion by Haddaway et al. (2015), Google Scholar has the ability to perform as supporting database in systematic review process and also has a high number of scholarly items that can be retrieved. These three online databases yielded a total of 364 articles.

Table 1

*Query string used*

Database	Query string	Hits
Scopus	TITLE-ABS-KEY (( "Socio*economic status" OR "Socio*economic" OR "Income" OR "Low*income" OR "Income inequality" OR "Financial strain" OR "Social status" OR "Social class" OR "Poverty" OR "Economic") AND ("Mental health" OR "Mental illness" OR "Mental disorder*" OR "Depression" OR "Depressive" OR "Health") AND ("Low*income" OR "Poor" OR "B40" OR "Low*earning*" OR "Low*paid" OR "employee*" ) )	180
Web of Science	TS= (( "Socio*economic status" OR "Socio*economic" OR "Income" OR "Low*income" OR "Income inequality" OR "Financial strain" OR "Social status" OR "Social class" OR "Poverty" OR "Economic") AND ("Mental health" OR "Mental illness" OR "Mental disorder*" OR "Depression" OR "Depressive" OR "Health") AND ("Low*income" OR "Poor" OR "B40" OR "Low*earning*" OR "Low*paid" OR "employee*" ) )	163

**Screening.** The 364 articles that have been identified from the first process were then being screened. The screening process is started by importing all records into EndNote X9 reference management software package. Next, the authors used the Find Duplicates function to discard the duplicate records (n = 74), thus decreasing the search results to a total of 290 articles. Then, the screening process is continued with inclusion and exclusion criteria

selection which is generated automatically based on the sorting feature available in the database. The search string was generated on 7th October 2020 and in order to retrieve the most recent published articles relevant to socioeconomic status and mental health among low-income employees, the year of publications between 2010 and 2019 was chosen as the inclusion criteria. The search limitation to year 2019 was due to the searching process that started on October

2020 and there is probability of upcoming articles to be indexed or published. Besides, the source type and document type were limited to journal and article only because empirical studies could ensure the review quality. Furthermore, the authors also limited the search to only English language articles to avoid uncertainty in understanding. After selecting the inclusion criteria with the removal of 249 articles, the records left a total of 41 articles. These 41 articles were exported to an Excel sheet (csv) in order for the eligibility process.

**Eligibility.** Eligibility is the second process of screening which has been carried out manually by the authors to ensure the remaining articles is appropriate and satisfied the inclusion criteria. The authors screened 41 articles by reading the titles and abstracts and identified 19 articles as relevant with the research question. Qualitative synthesis is used in this study to evaluate the data. The exclusion of 22 articles was due to non-employee samples, review article and unrelated studies. Overall, only 19 articles were included in the systematic review and the relevant data for all the included articles were extracted for further analysis.

## FINDINGS

### Descriptive Analysis

Figure 2 indicates the development of relevant articles published worldwide since 2010 until 2019 with a cumulative number of 19 articles. Based on the selected timeline, Fortin (2010) was the first scholar who published the related article. The peak

of publications among the scholars was in 2014 ( $n = 5$ ) while 2013 and 2019 have zero record. Evidently, the growing of related publications is inconsistent from year 2010 to 2019.

Table 2 displays the socioeconomic status measures from the prior research. Almost third-quarter of the studies (73.68%) measured socioeconomic status by using household income and more than halves of the studies (57.89%) used educational level as one of the important determinants of socioeconomic status. Occupation and financial strain determinants were used thrice (15.79%) and twice (10.53%) of the studies respectively. Economic inactivity, household debt, household size, housing type, income below 100% Federal Poverty and personal income were the least determinants used to assess socioeconomic status with only one study each (5.26%).

Table 3 presents the list of instruments used to measure mental health. The authors found 15 different instruments utilized, of which the self-assessed health status was the most frequent with four times used (21.05%), followed by three times (15.79%) used of Composite International Diagnostic Interview (CIDI 3.0) and General Health Questionnaire (GHQ-12). Kessler Psychological Distress Scale was used twice (10.53%) with 10 items while once (5.26%) with only six items. The other listed instruments were utilized once (5.26%) by scholars in their studies. Overall, the majority of instruments assess mental health on the basis of depression, anxiety and stress.

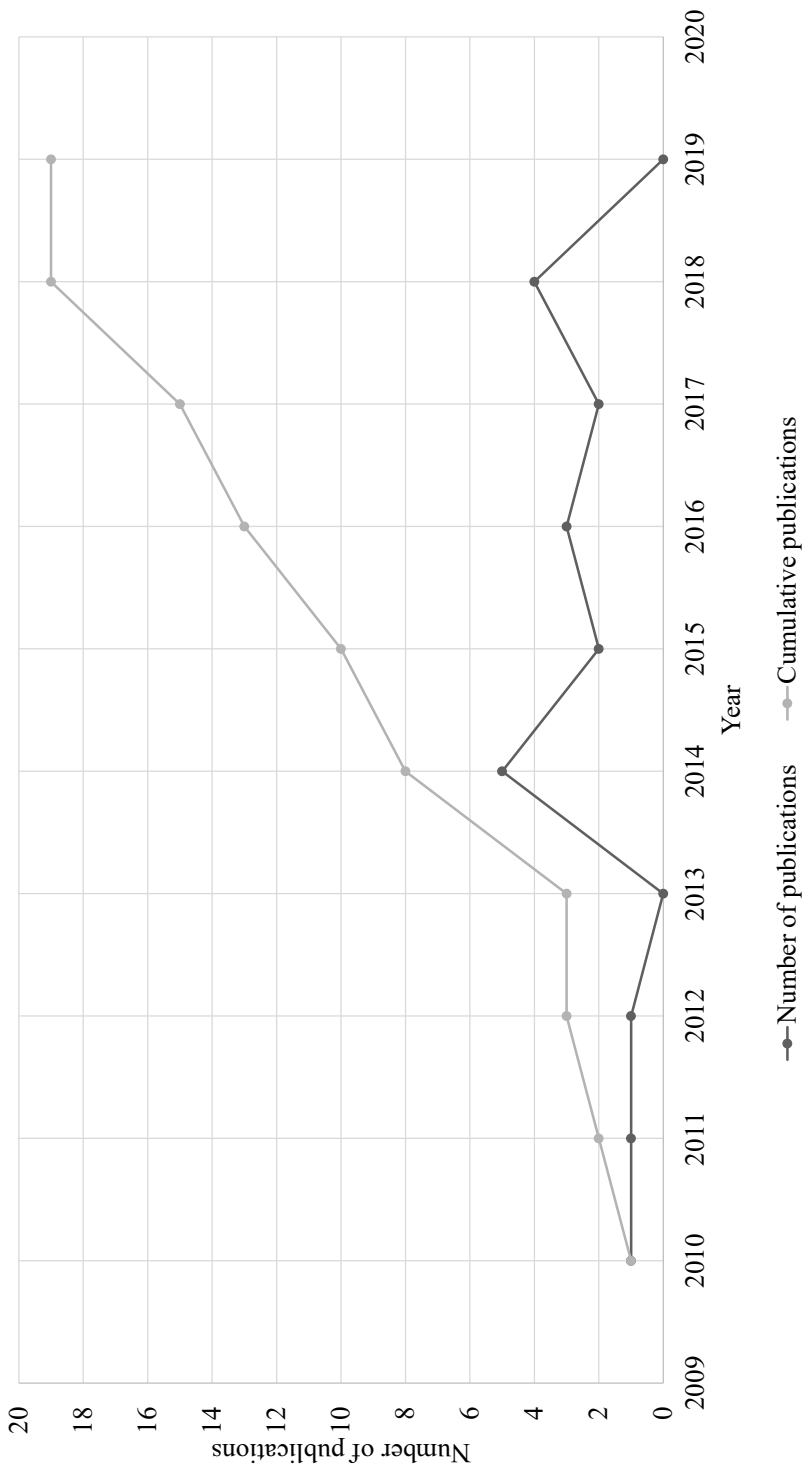


Figure 2. The annual and cumulative number of publications on the effect of socioeconomic status on mental health among low-income employees

Table 2  
*Socioeconomic status measures (n = 19)*

Measures	N of studies	%
Household income	14	73.68
Educational level	11	57.89
Occupation	3	15.79
Financial strain	2	10.53
Economic inactivity	1	5.26
Household debt	1	5.26
Household size	1	5.26
Housing type	1	5.26
Income below 100% Federal Poverty Level	1	5.26
Personal income	1	5.26

Table 3  
*List of instruments used to assess mental health (n = 19)*

Instruments	N of studies	%
Self-assessed health status	4	21.05
Composite International Diagnostic Interview (CIDI 3.0)	3	15.79
General Health Questionnaire (GHQ-12)	3	15.79
Center for Epidemiologic Studies Depression (CESD) scale	2	10.53
Kessler Psychological Distress Scale (K10)	2	10.53
Perceived Stress Scale (PSS)	2	10.53
Alcohol Use Disorder and Associated Disabilities Interview Schedule-5 (AUDADIS-5)	1	5.26
Generalized-anxiety disorder-7 (GAD-7)	1	5.26
Geriatric Depression Scale-15 (GDS- 15)	1	5.26
Health-Related Quality of Life (HRQoL)	1	5.26
Hopkins Symptom Check List (HSCL)	1	5.26
Kessler Psychological Distress Scale (K6)	1	5.26
Patient Health Questionnaire-9 (PHQ-9)	1	5.26
Symptom Checklist-90-Revised (SCL-90-R)	1	5.26
World Health Organization Quality of Life Instrument-Older Adults Module (WHOQOL-OLD)	1	5.26



## Socioeconomic Status and Mental Health

The research included 15 cross-sectional studies (78.95%) and four longitudinal studies (21.05%; refer Table 4). The participants of the relevant studies were among employees who are currently working in an organization. The total participation of employees in the 19 studies was 1,755,021 ranging from the minimum of 116 participants (Test et al., 2014) to the maximum of 1,578,189 participants (Kim et al., 2017).

The study on the impact of socioeconomic status toward mental health has been carried out in multiple countries representing first, second and third world countries, namely Canada, Malaysia and Cambodia, but most of the studies were conducted in United States (Asebedo & Wilmarth, 2017; Damaske et al., 2016; Hoffman & Wallace, 2018; Pabayo et al., 2014; Wickrama et al., 2012). Three studies investigated socioeconomic status and other determinants namely trauma, social support and unhealthy behavior with mental health (Jarl et al., 2015; Lazzarino et al., 2014; Ng et al., 2014) while a study by Damaske et al. (2016) assessed the effect of socioeconomic status on mental health and other employees' outcomes namely momentary workplace perceptions. Two of the 19 studies integrated multiple predictor variables including socioeconomic status, caregiver status and weak labor force attachment and outcome variables consisting mental health, unhealthy behavior and prevalence of illness (Fortin, 2010; Hoffman & Wallace, 2018).

The other 13 studies in this systematic review exclusively investigated the effect of socioeconomic status on mental health.

Two out of 19 studies reported that socioeconomic status positively correlated with mental health while 17 studies showed a negative correlation between socioeconomic status and mental health. The demographic variables also showed that age, population group (African), marital status (single) and gender (female) were independently correlated with greater depressive symptoms. Adjaye-Gbewonyo et al. (2016) exclusively analyzed the influence of level of socioeconomic status on mental health status. The data analysis of this longitudinal study recommended that changes in district income inequality will produce significant changes in socioeconomic status and mental health status. However, the findings showed that there was no association between district income inequality and mental health status and thus, the changes in mental health status cannot be predicted by the changes in district income inequality. In line with the findings from Damaske et al. (2016), a higher income was associated with lower odds of happiness at workplace, greater stress and perceived stress representing only one out of six studies carried out in United States that shows positive correlation between these two variables.

For the other five studies conducted in United States, the results showed negative correlation between socioeconomic status and mental health. Two longitudinal studies' findings show that depression was affected by low levels of education and household

Table 4  
 Characteristics and main findings of the included studies (n = 19) [Cross-sectional studies (n = 15); Longitudinal studies (n = 4)]

Reference	Country	Research Design	N	Socioeconomic status Indicator	Mental health Indicator	Main findings
Domènech-Abella et al. (2018)	Finland, Poland and Spain	Cross-sectional	7966: Finland (1433), Poland (2910) and Spain (3623)	- Educational level - Occupation - Household income	Depression	- SES indicators that most frequently significantly associated with depression is education and household income. - Spain, followed by Poland and Finland, were the - highest depression level.
Hoffman & Wallace (2018)	United States	Cross-sectional	11,321	Income below 100% Federal Poverty Level	Emotional distress	For those with the greatest economic deprivation, the risk of severe emotional distress grew by >100 percent.
Isaacs et al. (2018)	Australia	Cross-sectional	12,322	Household income	Psychological distress	At a high/very-high stage, 1 out of 4 poorest one-fifth people have psychological distress.
Rezaei et al. (2018)	Iran	Cross-sectional	989	- Household wealth - Education level	Health-related quality of life	Participants with lower SES are more likely to exhibit poor health-related quality of life.

Table 4 (Continued)

Reference	Country	Research Design	N	Socioeconomic status Indicator	Mental health Indicator	Main findings
Asebedo & Wilmarth (2017)	United States	Cross-sectional	8,366	Household income	Depression	As the stress response to financial pressure increased, depression scores increased.
Kim et al. (2017)	South Korea	Cross-sectional	1,578,189	Household income	Self-rated poor health	There was a strong income gap in self-assessed poor health in 245 districts of Korea.
Damaske et al. (2016)	United States	Cross-sectional	122	- Personal income - Education level	Stress and perceived stress	Higher satisfaction at work, less self-reported stress and less perceived stress were reported by lower socioeconomic status.
Freeman et al. (2016)	Finland, Poland and Spain	Cross-sectional	10,800: Finland (1,976), Poland (4,071) and Spain (4,753)	- Household income - Education level	Depression	In Finland and Poland, but not in Spain, a higher income was correlated with lower chances of depression.

Table 4 (Continued)

Reference	Country	Research Design	N	Socioeconomic status Indicator	Mental health Indicator	Main findings
Dijkstra-Kersten et al. (2015)	Netherland	Cross-sectional	1595	- Household income - Financial strain	Depression	There were greater chances of being depressed for participants with moderate to serious financial pressure.
Jarl et al. (2015)	Cambodia	Cross-sectional	3,200	- Household debt - Household wealth - Economic inactivity	Mental health	Mental health status was strongly negatively correlated with all economic status indicators.
Kader Maideen et al. (2014)	Malaysia	Cross-sectional	1,556	- Household income - Education level	Depression	Depression was strongly correlated with the low-income category.
Ng et al. (2014)	Singapore	Cross-sectional	2,447	- Education level - Housing type	Depression	The probability of depressive symptoms was greatly increased by low socioeconomic status.
Lazzarino et al. (2014)	Thailand and Singapore	Cross-sectional	56,615: Thailand (40,679) and Singapore (15,936)	- Occupational status	Psychological distress	Low socioeconomic status in both countries is consistently correlated with psychological distress.

Table 4 (Continued)

Reference	Country	Research Design	N	Socioeconomic status Indicator	Mental health Indicator	Main findings
Test et al. (2014)	Turkey	Cross-sectional	116	- Household income - Education level - Household size	Health condition and quality of life	The health condition and quality of life among the poorest people was lower.
Economou & Theodossiou (2011)	Denmark, Finland, France, Greece, Netherland and United Kingdom	Cross-sectional	3,137: Denmark (702), Finland (383), France (533), Greece (646), Netherland (415) and United Kingdom (458)	- Household income - Education level	Health	The influence of individual household incomes on health is important.
Adjaye-Gbewonyo et al. (2016)	South Africa	Longitudinal	9,664	- Household income - Education level - Employment status	Depression	-No depressive symptoms were associated with the level of income. - Depressive symptoms decreased substantially over time.
Pabayo et al. (2014)	United States	Longitudinal	34,653	- Household income - Education level	Depression	The likelihood of depression is increased by low income.

Table 4 (Continued)

Reference	Country	Research Design	N	Socioeconomic status Indicator	Mental health Indicator	Main findings
Wickrama et al. (2012)	United States	Longitudinal	370	Family economic hardship (Dohrenwend et al., 1978)	Depression	Family economic hardship leads to increase in depressive symptoms.
Fortin (2010)	Canada	Longitudinal	11,593	- Household income - Education level	Health	Low-income earners are in much poorer health and persistently increase the risk of health deterioration.

income (Pabayo et al., 2014) and high level of family economic hardship (Wickrama et al., 2012). These results also supported by a cross-sectional study from Asebedo and Wilmarth (2017) that higher score of depression was associated with greater response rate on financial strain. Moreover, another study investigated whether the effects of socioeconomic status were moderated by caregiver status. The data analysis revealed that this interaction was not significant (Hoffman & Wallace, 2018).

A study by Freeman et al. (2016) in three different countries namely Finland, Poland and Spain, found a significant impact of socioeconomic status measures including household income and educational level on depression in Finland and Poland, but not in Spain. However, the latest study conducted in the same European countries demonstrated that lower income was associated with higher probabilities of having depression in Finland, Poland and Spain (Domènech-Abella et al., 2018). This study included additional variables of mediators namely behavioral, psychosocial and material factors which psychosocial factors and especially loneliness had the strongest correlations with depression while material factors and financial strain, in particular revealed as the highest mediating function in the relationship between socioeconomic status and depression.

In addition, five studies conducted in Asian countries revealed a significant effect of socioeconomic status on mental health. Studies discovered that among the low-income group, mental health status in

Cambodia was strongly positively correlated with all economic status determinants including household debt and economic inactivity (Jarl et al., 2015) and depression in Malaysia had a strong correlation with economic status namely household income and education level (Kader Maideen et al., 2014). Singapore has carried out two relevant studies (Lazzarino et al., 2014; Ng et al., 2014) but one of it was collaborated with Thailand by Lazzarino et al. (2014) with larger study samples. Both of these studies established that socioeconomic status was strongly and negatively correlated with psychological distress with additional findings revealed inconsistent moderation of social support across socioeconomic status groups (Ng et al., 2014) and unhealthy behavior was inconsistently associated to psychological distress (Lazzarino et al., 2014). Among all of the included studies, the largest number of samples included in the study was 1,578,189 in South Korea which also reported socioeconomic status was negatively associated with mental health status (Kim et al., 2017).

Furthermore, improving economic stability was linked to reduction of emotional distress among low-income employees (Isaacs et al., 2018). This result is similar from those reported in previous longitudinal included studies where lower economic determinants and weak labour force attachment led to mental health issue and an increase of illness prevalence (Fortin, 2010). Socioeconomic status also had a direct negative effect on depression and anxiety Dijkstra-Kersten et al. (2015),

emotional health in general (Economou & Theodossiou, 2011) and health-related quality of life (Rezaei et al., 2018; Test et al., 2014).

In summary, the different findings obtained from the 19 included studies were contributed from different demographic features, sample sizes and national cultures. Besides, various determinants of socioeconomic status and mental health scales utilized in the studies could also contribute to various research outcomes. Therefore, in-depth studies in the future by various scholars are required to acquire heterogenous research findings.

## DISCUSSION

The main aim of this study is to carry out a systematic review of the empirical studies on the impact of socioeconomic status on mental health among low-income employees. Most of the prior research indicated that socioeconomic status affects mental health among the low-income employees. The longitudinal study also proved that the socioeconomic status influence mental health over time. Primarily, it is vital to emphasize that socioeconomic status has been assessed through various measures. Several studies only used household income as the determinant (Asebedo & Wilmarth, 2017; Isaacs et al., 2018; Kim et al., 2017) while other studies integrated other related measures such as employment status, education level, housing type, household debt and household size (Adjaye-Gbewonyo et al., 2016; Freeman et al., 2016; Jarl et al., 2015; Test et al., 2014). A study from

Lazzarino et al. (2014) exclusively utilized occupational status as socioeconomic status measures. The inconsistencies of conceptual and operational definitions of the concept used in the empirical studies lead to difficulties in appropriately defining the variable. Huang et al. (2017) and Präg et al. (2016) highly recommend the integration of both objective and subjective measures of socioeconomic status to ensure the clarity in the concept of socioeconomic status in the aspects of individual and social or economic. Objective socioeconomic status is regarded as the position of one's economic and social standing in comparison to others, as determined by three measures including household income, education level and occupational status which have widely used by various scholars (Adjaye-Gbewonyo et al., 2016; Domènech-Abella et al., 2018) while subjective socioeconomic status is an individual's perception of his or her own status in relation to others (Goodman et al., 2001). The subjective socioeconomic status was found to be significantly related to the three measures of objective socioeconomic status (Ostrove et al., 2000) which implies that both subjective and objective socioeconomic status may complement each other in influencing its psychological effects. Thus, clarifications on the variables according to specific research discipline particularly in developing phase is important by understanding the concepts and outcomes of recent studies.

Improving the low-income employees' socioeconomic status can be an important source of positive mental health. As



established by the reviewed studies, employees who have higher socioeconomic status are tend to portray greater positive affect, feel less depressed and have better levels of emotional status compared to lower-income employees. The significant measure of mental health was depression (Domènech-Abella et al., 2018; Kader Maideen et al., 2014; Wickrama et al., 2012) and as acknowledged by other studies (Damaske et al., 2016; Dikshit & Acharya, 2017; Economou & Theodossiou, 2011; Lazzarino et al., 2014), emotional health, stress, anxiety and psychological distress have also been indicated as strong measures of mental health. Nevertheless, the better outcome of employees' mental health is affected by the multidimensional concept of socioeconomic status that is based on objective and subjective socioeconomic status. Evidently, Bøe et al. (2019) and Honjo et al. (2014) presented both objective and subjective socioeconomic status to be among the prime contributors of mental health among low-income employees in order to ensure the comprehensiveness of the employees' socioeconomic status through their privilege, resources, power and control.

For the association between socioeconomic status and mental health among low-income employees based on developed, developing and underdeveloped countries as used by United Nations Development Programme (UNDP), there are different outcomes in several studies. This review comprised of studies from 11 developed countries, seven developing

countries and only one underdeveloped country. All studies found that socioeconomic status among low-income employees in developed and developing countries was negatively associated with mental health. By contrast, Adjaye-Gbewonyo et al. (2016) found that in South Africa as developing nation, there was no association between socioeconomic status and mental health over time and Damaske et al. (2016) reported positive association between socioeconomic status and mental health among low-income employees in United States as the developed country. In underdeveloped country, studies examining the association between socioeconomic status and mental health are scarce (Jarl et al., 2015) even though underdeveloped country is among the nations with the lowest Gross National Income (GNI) per capita (World Bank, 2021). Therefore, these evidences linking socioeconomic status to mental health outcomes inconsistently address a number of key issues that could improve in causal inference, including the overall economic indicators. For that reason, the examination on this potential nature of this association based on GNI per capita from lowest to highest-income countries is required.

### **Strengths and Limitations of Review**

This systematic review is the first to synthesize included studies on the impact of socioeconomic status on mental health among low-income employees because the other relevant reviews were conducted among children, adolescents and general population in low, middle and high-income

countries (Lund et al., 2010; Patel et al., 2018; Reiss et al., 2019). Besides, multiple databases were utilized including Scopus and Web of Science as among the highest impact factors journal for psychology research discipline while Google Scholar as an additional academic source. Furthermore, the literature shows that income stability affects different states of mental health namely depression, anxiety and stress and mental health outcomes in this review is mostly researched in specific constructs. Hence, this review demonstrates the significance of recent research calls for both individual and organizational approaches for income equalities and an increased emphasis on low-income employees' positive mental health.

Out of 19 studies, majority of the studies were cross-sectional leading to inability of identifying the trends in the characteristics of low-income employees. For this reason, longitudinal study is a powerful research design that are recommended in the future studies to determine to what extent socioeconomic status influences mental health of employees over a period of time. Next, several studies were carried out in unknown organizational settings that could be the factors of the inconsistencies of research findings. Therefore, the authors suggest for future studies to conduct research that focuses on specific organizational settings.

### **Implications for Practice**

This review offers constructive resources for efforts to establish a stable and equal

income distribution that promote low-paid employees' positive mental health. Examining the influence of socioeconomic status on mental health and other individual outcomes will assist health care professionals and psychologists to understand how income stability improves low-income employees' emotional health. As supported by Golberstein (2016), the increasing number of studies on the mental health outcomes that due to the stability and security of income will help the patients' diagnosis and treatment. Apart from assisting the health care professionals, understanding the impact of socioeconomic status on mental health status could help government not just for policy amendment or making through the critical issues identification, but also to encourage the comprehensiveness towards equitable society. In addition, these findings could be the fundamental idea for future research on discovering this issue by integrating both objective and subjective economic measures and defining mental health in more extensive.

### **CONCLUSION**

Based on this review, the findings provide evidence of the significance of employees' socioeconomic status to achieve positive mental health status. Examining the impact of socioeconomic status and understanding the association between socioeconomic status and mental health are beneficial for mental health state improvement which eventually promote a positive overall health among low-income employees. This review will assist the government in formulating

effective strategies for an equal income distribution and this is one of the ways for the poverty reduction. Besides, this review also acts as direction for health professionals and psychologists to treat the patients' emotional effects with suitable approaches while further studies that examine the influence of economic status on employees' emotional health through longitudinal and qualitative studies are highly required among scholars. Hence, the integration of government, clinical and research efforts will lead to positive thoughts, behaviors and emotions which eventually promoting productive and effective employees at the workplace.

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