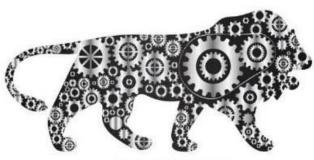


# **CSIBER International Journal - CIJ**

Vol - 3, Issue No - 1, January 2025

# MULTIDISCIPLIANRY JOURNAL





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Published by: CSIBER Press, Central Library

**Building, CSIBER Campus, University** 

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# The Influence of Active vs. Inactive Lifestyles on Health Outcomes in Contemporary Society: A Comparative Analysis

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#### Abstract

Technological improvements, urbanization, and changing work settings have all had a significant impact on modern lifestyles. These alterations have resulted in a clear distinction between inactive, sedentary lives and more physically active ones. This research compares the health effects of both inactive and active lifestyles, with an emphasis on physical, mental, and emotional well-being. Sedentary lifestyles, which include prolonged sitting, little physical activity, and a reliance on technology, have been related to an increase in obesity, cardiovascular disease, diabetes, and mental health issues like anxiety and depression. These health concerns are increased by poor food habits and unpredictable sleep patterns, which are frequent among those who live sedentary lifestyles. Active lifestyles, which include frequent physical activity, healthy foods, and consistent routines, have been demonstrated to greatly reduce the risk of chronic illnesses. Regular physical activity benefits not just cardiovascular and muscular health, but also mental clarity, emotional stability, and social connections. The study found that active people have better stress management skills, improved cognitive function, and higher overall life satisfaction than their sedentary counterparts. The study emphasizes the value of encouraging physical activity through public health interventions, educational programs, and workplace activities. It also implies that including even moderate amounts of physical activity into daily routines can result in long-term health advantages and mitigate the negative consequences of inactivity. As modern society evolves, promoting active lifestyles becomes increasingly important in addressing the mounting health concerns of the twenty-first century.

Keywords: Modern Lifestyle, Sedentary Behavior, Physical Activity, Chronic Disease, Mental Health

### **Introduction:**

In today's rapidly advancing world, the stark contrast between active and inactive lifestyles has become a significant point of concern in public health. Technological advancements and societal shifts have made modern life more convenient, but they have also contributed to an increasingly sedentary culture. Desk jobs, digital entertainment, and widespread access to labor-saving devices have drastically reduced physical activity in daily routines. This shift has led to a growing divide between those who lead active lives, regularly engaging in physical exercise, and those who lead inactive or sedentary lives, characterized by prolonged sitting and minimal movement. The health implications of these divergent lifestyles are profound. Physical inactivity has been identified as a major risk factor for numerous chronic diseases, including cardiovascular conditions, obesity, diabetes, and mental health disorders. In contrast, maintaining an active lifestyle is associated with a wide range of physical and psychological benefits. Regular exercise promotes cardiovascular health, strengthens muscles and bones, aids in weight management, and improves mental well-being by reducing stress, anxiety, and depression.

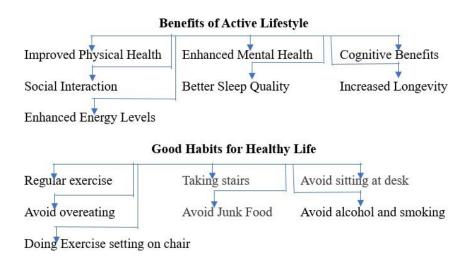
One of the main preventable causes of death in the world, according to the World Health Organization (WHO), is physical inactivity. Sedentary lifestyles raise the risk of non-communicable diseases (NCDs), which account for a significant amount of death worldwide. Active people, on the other hand, typically live longer, have higher quality of life, and have better overall health results. The purpose of this study is to examine how active and inactive lifestyles affect health outcomes in modern society. This study intends to highlight the advantages of physical activity while also bringing attention to the health hazards associated with inactivity by comparing these two lifestyles. This essay will also examine the larger social and environmental elements that impact lifestyle decisions, highlighting the need of creating a culture that encourages physical activity and well-being in a world where people are becoming more sedentary.

People can make better decisions about their everyday activities if they are aware of the negative effects that contemporary lifestyle choices have on their health. This comparative analysis offers important insights into how active and inactive lifestyles impact health outcomes, providing guidance for both individual and societal methods to increasing well-being in today's world, as public health concerns around inactivity continue to rise.

### Difference between Inactive and Active Lifestyle

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Aspect	Inactive Lifestyle	Active Lifestyle
Physical Activity	Sedentary behavior dominates, with little to no regular activity (for example, lengthy hours sitting at a desk).	Regular physical exercise, such as jogging, swimming, or participating in sports (for example, taking a fitness class).
Dietary Habits	Processed foods, excessive sugar consumption, and inconsistent eating habits are common.	Emphasizes nutritious foods, balanced meals, and consistent eating habits.
Health Outcomes	Obesity, cardiovascular disease, diabetes, and mental health disorders are all at an elevated risk.	Improved physical fitness, reduced risk of chronic diseases, improved mental health, and general well-being.
Social Engagement	Limited social connections due to a propensity for solitary activities (such as watching TV).	Active participation in social activities, group sports, or fitness classes, which fosters social bonds (for example, joining a running club).
Sleep Patterns	Irregular sleep habits are frequently associated with ill health and stress.	Regular sleep habits accompanied by physical exercise result in improved sleep quality (for example, going to bed and waking up at consistent times).



### Literature Review

**Kumar** (2019) investigates the impact of physical activity on chronic illness prevention in urban populations, emphasizing the worrying fall in physical activity owing to urbanization. The study convincingly linked sedentary lifestyles to an increased risk of chronic disorders such as cardiovascular disease, diabetes, and obesity. Kumar underlines the necessity of engaging in everyday physical activity like walking and cycling to reduce these health hazards. The study also recommends for urban planning that promotes active lifestyles, as a solution to the growing health crisis. Kumar's work serves as a timely reminder of the link between active living and disease prevention, especially in metropolitan areas where sedentary behavior is on the rise.

**Sharma** (2021) investigates the interaction of technology, work environments, and health, with a particular emphasis on how physical activity can mitigate the health concerns associated with current sedentary lifestyles. The research discusses how technological improvements have contributed to a decrease in physical activity, particularly in workplaces where prolonged sitting is commonplace. Sharma emphasizes the importance of regular exercise in lowering the risk of chronic diseases like heart disease, obesity, and mental health issues. The report recommends workplace wellness programs that encourage physical exercise, such as walking meetings and

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scheduled break times for movement. Overall, Sharma presents persuasive evidence that even moderate physical activity can improve well-being and lower health risks in technology-driven workplaces.

Reddy (2015) investigates the consequences of urbanization on the increase of lifestyle diseases, with a special emphasis on the function of physical activity. The study discusses how fast urban expansion has resulted in more inactive lifestyles due to an increased reliance on technology, transportation, and modern amenities. Reddy examines the link between decreased physical activity and an increase in lifestyle-related disorders like diabetes, hypertension, and cardiovascular problems. The study underlines the importance of urban planning that promotes active living, such as accessible parks and pedestrian-friendly zones, in combating these health risks. Reddy also emphasizes the necessity of public health measures that promote physical activity in order to lessen the burden of lifestyle diseases among urban populations.

Kaur (2020) explores the link between nutritional habits and lifestyle choices, focusing on active and inactive lives. The study stresses how dietary patterns have a substantial impact on general health and well-being, pointing out that people who live sedentary lifestyles frequently have lower nutritional habits, which exacerbate health risks. Kaur investigates the relationship between diet and physical activity, concluding that a well-balanced diet combined with frequent exercise is essential for avoiding lifestyle-related ailments such as obesity and cardiovascular disease. The report also discusses the socioeconomic factors that influence dietary choices and physical activity levels, advocating for public health policies that promote healthy eating and active living. Overall, Kaur's research emphasizes the necessity of combining adequate nutrition and an active lifestyle to improve health outcomes.

Verma (2014) investigates the negative impacts of sedentary behavior on both physical fitness and mental health. The study emphasizes the growing prevalence of sedentary behaviors in modern culture, relating them to an increased risk of chronic diseases like obesity, diabetes, and cardiovascular disease. Verma highlights the importance of physical fitness as a countermeasure to the harmful effects of inactivity, claiming that regular exercise not only improves physical health but also mental health by lowering anxiety and sadness. The article supports for increased public awareness and educational measures to encourage active living, emphasizing that including physical activity into everyday routines is critical for enhancing overall health and reducing lifestylerelated disorders.

Singh and Sidhu (2022) offer a thorough kinematic analysis of the hurdle clearing technique in the 110m hurdle race, revealing insight on the complexities of athletic performance and its implications for physical fitness. The study underlines the significance of technical skill in improving performance and reducing injury risk among athletes. The authors demonstrate how precise motions contribute to overall race efficiency by evaluating several aspects of hurdle clearing, such as takeoff and landing mechanics. This study emphasizes the importance of correct training and technique in competitive sports, implying that targeted physical activity can enhance athletic performance while simultaneously promoting overall fitness and well-being. Singh and Sidhu's findings urge for the integration of biomechanical analysis in training regimens, highlighting how such insights can benefit.

Puri, Mishra, Jhajharia, and Singh (2014) report a comparative study of volleyball players' coordinative abilities across age groups, emphasizing the impact of physical exercise on athletic performance. The study looks into how age affects physical coordination, a critical component in sports like volleyball. The authors discovered that younger athletes have stronger coordination skills, which can be linked to both physical development and training. This study emphasizes the need of individualized training regimens that address athletes' developmental stages in order to improve their physical talents and overall performance. Furthermore, the findings highlight the importance of leading an active lifestyle through sports, which not only improves athletic performance but also increases physical fitness and health across all age groups. The research contributes.

Sharma and Singh (2014) explore the impact of relative exercises on the lifestyles of older citizens, with a focus on the physical, mental, and social benefits of regular exercise. The study underscores the significance of individualized fitness programs that address the unique demands and capacities of older persons. The authors emphasize that regular physical activity can lead to greater mobility, muscle strength, and overall health, all of which are essential for older people to preserve their independence and quality of life. Furthermore, the study shows that exercise has a favorable influence on mental health, reducing anxiety and depression among seniors. Overall, Sharma and Singh's work highlights the importance of fostering active lifestyles among older populations to counteract the problems.

Dr. Mandeep Singh (2017) investigates the dynamics of family stress experienced by working and non-working parents, offering light on the differences in issues confronting these two groups. According to the report, working

parents frequently face difficulties such as time management, balancing professional and family commitments, and financial pressures.

Raj (2018) investigates the link between stress and sedentary labor in the digital age, highlighting the health concerns linked with prolonged sitting and insufficient physical activity. The study examines how current work conditions, which are characterized by intensive computer usage and minimal mobility, relate to increased stress and a variety of health problems, including obesity, cardiovascular disease, and mental health disorders. Raj explores the psychological effects of sedentary behavior, emphasizing how a lack of physical activity can lead to a worse mood and increased worry.

### Research Methodology

### **Objectives**

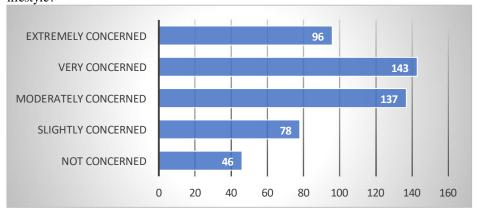
- To assess the health risks associated with sedentary lifestyles.
- To evaluate the Benefits of Active Lifestyles.
- To identify Effective Strategies to Promote Physical Activity

Sampling Techniques: - Simple Random Techniques

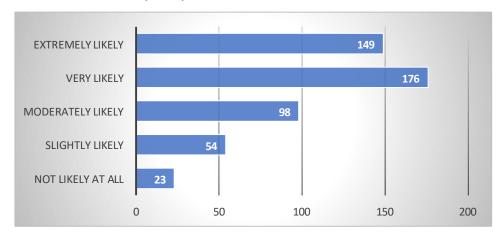
Sample Size: 500 Respondents

### **Data Analysis**

Figure No. 1: To what extent do you worry about the long-term health hazards associated with a sedentary lifestyle?



According to the findings, a sizable proportion of respondents are concerned about the long-term health risks associated with sedentary lifestyles. A total of 47.8% are "very concerned" (143 respondents) or "extremely concerned" (96 respondents), indicating a high level of awareness about the linked health hazards. Furthermore, 27.4% (137 respondents) are "moderately concerned," which indicates moderate fear. In comparison, 15.6% (78 respondents) are only "slightly concerned," while a smaller 9.2% (46 respondents) are "not concerned." The majority of respondents indicate varied degrees of concern, indicating that most people are aware of the problems associated with sedentary lifestyles.



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Figure No. 2: To what extent do you think a more active lifestyle could lower the health risks associated with a sedentary lifestyle?

According to the findings, the majority of respondents feel that living a more active lifestyle can greatly minimize the health risks connected with sedentary behavior. A total of 65% of respondents believe it is either "very likely" (176 respondents, 35.2%) or "extremely likely" (149 respondents, 29.8%) to reduce health risks. Additionally, 19.6% (98 respondents) think it is "moderately likely." A smaller proportion, 10.8% (54 respondents), think it is just "slightly likely," while only 4.6% (23 respondents) believe it is "not likely at all."

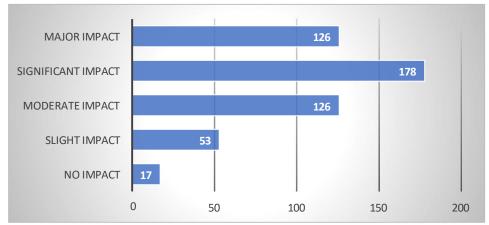


Figure No. 3: To what degree do you think leading an active lifestyle benefits your mental well-being?

According to the findings, the vast majority of respondents believe that living an active lifestyle improves their mental health. Specifically, 35.6% (178 respondents) perceive a "significant impact," while 25.2% (126 respondents) believe it has a "major impact." Furthermore, 25.2% (126 respondents) report a "moderate impact," showing that most people see evident mental health benefits from staying active. In contrast, 10.6% (53 respondents) believe the influence is "slight," while only 3.4% (17 respondents) believe there is "no impact" at all.

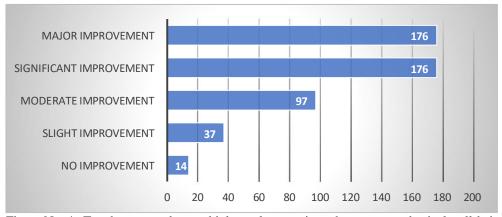


Figure No. 4: To what extent do you think regular exercise enhances your physical well-being?

The statistics reveal that people strongly believe in the benefits of frequent exercise for their physical well-being. Regular exercise improves the physical health of 70.4% of respondents, with "significant improvement" (176 respondents, 35.2%) and "major improvement" (176 respondents, 35.2%). Additionally, 19.4% (97 respondents) reported a "moderate improvement." Only 10.2% of respondents believe the effects are limited, with 7.4% (37 respondents) finding "slight improvement" and 2.8% (14 respondents) reporting "no improvement." The statistics indicate that people are aware of the benefits of exercise for their physical health.

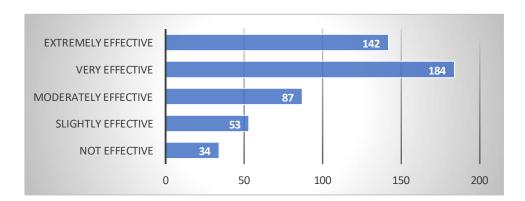


Figure No. 5: How effective do you think community programs (e.g., fitness events, group exercises) are in promoting physical activity?

According to the findings, the majority of respondents felt that community activities (such as fitness events and group workouts) are successful in encouraging physical activity. Specifically, 36.8% (184 respondents) consider these initiatives "very effective," while 28.4% (142 respondents) consider them "extremely effective." An further 17.4% (87 respondents) consider them "moderately effective." In contrast, a smaller percentage—17.4% combined—believes these initiatives have low influence, with 10.6% (53 respondents) ranking them "slightly effective" and 6.8% (34 respondents) rating them "not effective."

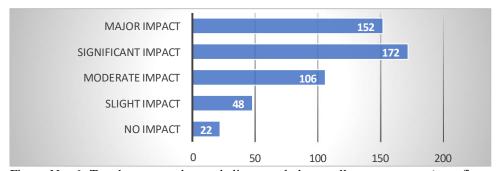


Figure No. 6: To what extent do you believe workplace wellness programs (e.g., fitness challenges, standing desks) encourage physical activity?

According to the findings, the majority of respondents believe that workplace wellness programs (such as fitness challenges and standing workstations) promote physical activity. Specifically, 34.4% (172 respondents) believe these initiatives have a "significant impact," while 30.4% (152 respondents) think they have a "major impact." Additionally, 21.2% (106 respondents) saw a "moderate impact." Only 14% of respondents believe the programs have minimal influence, with 9.6% (48 respondents) indicating a "slight impact" and 4.4% (22 respondents) claiming "no impact."

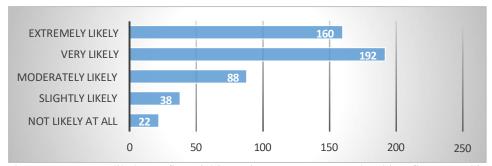


Figure No. 7: How likely are financial incentives (e.g., gym memberships, fitness tracking rewards) to motivate people to be more active?

According to the research, the majority of respondents believe that financial incentives (such as gym memberships or fitness tracking awards) are good motivators for physical exercise. Specifically, 38% of respondents (192) believe these incentives are "very likely" to drive people, while 32% (160) think they are "extremely likely." Another 18% (88%) believe they are "moderately likely" to make an influence. In comparison, only 12% (60 total) of respondents are either "not likely at all" (22) or "slightly likely" (38) to be driven by such incentives.

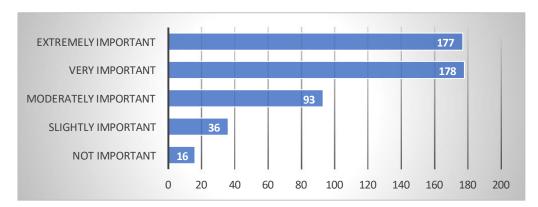


Figure No. 8: How important is the availability of accessible outdoor spaces (e.g., parks, walking trails) in encouraging physical activity?

According to the findings, a great majority of respondents believe that accessible outdoor areas (such as parks and walking trails) are critical for encouraging physical exercise. Specifically, 35.6% (178 respondents) assess them as "very important," while 35.4% (177 respondents) evaluate them as "extremely important," demonstrating significant agreement on their importance. Furthermore, 18.6% (93 respondents) consider them "moderately important," while just 10.4% (52 respondents combined) regard them as having little value, with 16 respondents considering them "not important" and 36 as "slightly important."

### **Findings and Result**

- The study found that a sizable majority of respondents are concerned about the long-term health hazards associated with a sedentary lifestyle. With over 46% indicating significant levels of worry, it is clear that awareness of these health risks is widespread. This emphasizes the necessity of supporting active lives and implementing ways to reduce the hazards of inactivity, resulting in healthier communities and improved overall well-being.
- According to the poll results, respondents strongly believe that leading a more active lifestyle can greatly minimize the health risks linked with sedentary behavior. With 65% saying it is "very likely" or "extremely likely" to reduce these risks, the data show that physical activity is widely recognized for its health advantages. This awareness highlights the importance of continuing to promote active living as a crucial strategy for improving public health outcomes and preventing chronic diseases caused by inactivity.
- The data show that living an active lifestyle is universally acknowledged as good for mental health. The vast majority of responder's report varied degrees of influence, with many noting "significant" or "major" improvements in their mental health. This emphasizes the need of incorporating physical activity into everyday routines to improve mood, reduce stress, and increase psychological resilience. Encouraging active lifestyle can help communities achieve better mental health outcomes.
- According to the findings, respondents strongly agree that frequent exercise improves their physical well-being. The vast majority of people report "significant" or "major" improvements as a result of their exercise routines, demonstrating the importance of physical activity in sustaining health. This award emphasizes the importance of promoting regular exercise as a key component of a healthy lifestyle, lowering the risk of chronic diseases and improving overall quality of life.
- The findings show that community programs, such as fitness events and group workouts, are successful in encouraging physical activity. The vast majority of respondents rate these programs as "very effective" or "extremely effective," emphasizing their importance in motivating involvement and establishing a feeling of community. This highlights the necessity of investing in and growing community-based fitness programs to improve public health and encourage people to live more active lives.

- The data show that workplace wellness programs are widely seen as helpful in boosting physical activity among employees. A sizable majority of respondents believe that these initiatives have a "moderate" to "major" impact on encouraging active living. This shows that firms should continue to introduce and expand such programs, since they not only promote better physical health but also foster a culture of well-being, productivity, and employee engagement in the workplace.
- The findings show that financial incentives, such as gym memberships and fitness tracking awards, are widely regarded as effective motivators for increasing physical activity. The majority of respondents say these incentives are "very likely" or "extremely likely" to increase participation in active lifestyles. This shows the potential for businesses and policymakers to use financial incentives to promote health and fitness, resulting in better public health outcomes and lower healthcare expenditures.
- The findings emphasize the crucial role of publicly accessible outdoor areas, such as parks and walking trails, in encouraging physical exercise. The vast majority of respondents believe that these venues are "very important" or "extremely important" in supporting active lives. This emphasizes the importance of urban planners and legislators investing in and maintaining such facilities, which provide critical environments that promote exercise, improve community well-being, and contribute to healthier populations.

#### Conclusion

A comparison of active and inactive lifestyles in contemporary culture gives important insights into their respective health effects. The findings show that people are generally concerned about the long-term health risks associated with a sedentary lifestyle, emphasizing the need for enhanced knowledge and preventive measures. Respondents strongly feel that living a more active lifestyle helps reduce health risks, with many recognizing the mental and physical benefits of regular exercise. Furthermore, the efficacy of community programs and workplace wellness efforts has a favorable impact on physical activity promotion. Financial incentives and accessible outdoor places are also important in encouraging an active lifestyle. Collectively, these observations highlight the importance of encouraging active living through community participation and supportive environments to improve overall health and well-being.

"The body requires both exercise and a balanced diet, while the soul craves junk and spicy food. Now the question arises: should we heed the needs of the soul or the body? The body may deteriorate, but the soul remains eternal."

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