



THE INFLUENCE OF SOCIAL MEDIA ON ADOLESCENT MENTAL HEALTH IN PAKISTAN

Ayesha Ali

Assistant Professor, Department of Psychology, University of Karachi, Pakistan

Bilal Ahmed

Associate Professor, Department of Psychiatry, Aga Khan University, Karachi, Pakistan

Sana Khan

Lecturer, Department of Sociology, Lahore University of Management Sciences (LUMS), Pakistan

Dr. Imran Shahzad

Researcher, Institute of Social and Policy Sciences (I-SAPS), Islamabad, Pakistan

Abstract:

This study investigates the impact of social media usage on the mental health of adolescents in Pakistan, focusing on aspects such as anxiety, depression, self-esteem, and sleep disturbances. Utilizing a mixed-methods approach, the research combines quantitative surveys with qualitative interviews to provide a comprehensive analysis. The findings indicate a significant correlation between excessive social media use and adverse mental health outcomes among Pakistani adolescents. The study emphasizes the need for targeted interventions and policy recommendations to mitigate these effects and promote healthier digital engagement among youth.

Keywords: *Adolescent Mental Health, Social Media Usage, Anxiety and Depression, Self-Esteem, Sleep Disturbances, Digital Well-being, Pakistan*

INTRODUCTION

The proliferation of social media has transformed communication patterns, particularly among adolescents. While these platforms offer avenues for social interaction and information sharing, concerns have emerged regarding their impact on mental health. Studies have highlighted associations between excessive social media use and increased levels of anxiety, depression, and disrupted sleep patterns among youth. In Pakistan, where digital engagement is rapidly increasing, understanding these effects is crucial for developing effective mental health strategies

1. Prevalence of Social Media Usage Among Adolescents in Pakistan

Statistics on Daily Usage Patterns

Social media usage has become a prominent part of daily life for adolescents around the world, including in Pakistan. Recent surveys and studies indicate that the prevalence of social media use among Pakistani adolescents is significantly high. According to a study conducted in major urban centers, such as Karachi, Lahore, and Islamabad, approximately 85% of adolescents report using social media platforms daily. Among these users, around 60% spend more than two hours per day on social media, with a significant percentage engaging in activities such as browsing, posting, and interacting with friends and influencers.

Furthermore, the study found that the frequency and duration of social media use tend to increase during the weekends, with adolescents spending even more time on platforms like Instagram, TikTok, and Facebook. This usage pattern suggests that social media has become deeply integrated into the daily routines of young people in Pakistan, further emphasizing the importance of understanding its potential effects on mental health.

It is crucial to consider not only the amount of time adolescents spend online but also the nature of their engagement with social media. Passive consumption, such as scrolling through feeds, often leads to different psychological effects compared to more active interactions, such as creating posts or engaging in conversations. Studies indicate that passive use of social media, which involves prolonged exposure to others' curated, idealized lives, is often linked to increased feelings of inadequacy and stress.

Most Popular Platforms Among Pakistani Youth

When examining the platforms most frequently used by Pakistani adolescents, Instagram, TikTok, and Facebook emerge as the dominant social media networks. Instagram, with its focus on visual content, is particularly popular among younger users, offering an engaging platform for self-expression through photos and stories. TikTok, a short-video platform, has exploded in popularity in recent years, offering a fun and creative outlet for adolescents to express themselves, though it also raises concerns regarding time spent on the platform and exposure to potentially harmful content.

Facebook, while losing popularity among younger users globally, remains one of the top platforms for Pakistani adolescents, particularly for staying connected with family and friends, as well as joining interest-based groups. Twitter, YouTube, and Snapchat also maintain a significant user base among Pakistani youth, though these platforms generally have a slightly older demographic.

Interestingly, the preference for these platforms varies based on socioeconomic status, with urban youth typically gravitating toward newer, trendier platforms like TikTok and Instagram, while rural youth are more likely to use Facebook and WhatsApp. These usage patterns reflect a complex relationship between age, access to technology, and cultural trends.

2. Psychological Impacts of Social Media on Adolescents

Correlation Between Screen Time and Mental Health Issues

Numerous studies have documented the relationship between excessive screen time and mental health issues among adolescents. Prolonged use of social media platforms has been linked to several psychological issues, including increased anxiety, depression, and loneliness. Adolescents who spend excessive amounts of time online, particularly on social media, are more likely to experience heightened levels of stress and anxiety. This is often attributed to the constant comparisons they make between themselves and the idealized versions of others' lives they encounter on social media.

The phenomenon of "social comparison" is particularly prevalent among adolescents, who are in a critical stage of identity development. Studies show that adolescents who engage heavily with social media are more likely to compare themselves to their peers based on appearance, popularity, and lifestyle. These comparisons often lead to feelings of inadequacy and low self-esteem, which can exacerbate existing mental health conditions like anxiety and depression.

Moreover, the pressure to present a curated, idealized version of oneself online can lead to what is known as "social media burnout." Adolescents often feel the need to constantly update their social media profiles to maintain a sense of belonging and validation. This constant quest for approval through likes and comments can be emotionally draining, contributing to heightened levels of anxiety and stress.

Influence of Social Media on Self-Esteem and Body Image

One of the most significant psychological effects of social media on adolescents is its impact on self-esteem and body image. Social media platforms, especially image-centric ones like Instagram, often present an unrealistic portrayal of beauty, success, and lifestyle. Adolescents, in particular, are highly vulnerable to these portrayals, which can create distorted perceptions of reality.

Research indicates that adolescents who spend more time on platforms like Instagram and TikTok are more likely to experience negative body image issues. This is particularly true for young girls, who are exposed to a constant stream of "perfect" images of beauty, fashion, and lifestyle. The desire to achieve these unrealistic standards can lead to body dissatisfaction, disordered eating behaviors, and low self-esteem. In some extreme cases, the pressure to conform to online beauty standards has led to mental health crises, such as depression, self-harm, and eating disorders.

The psychological effects of these comparisons are not limited to girls; boys, too, are impacted by body image issues, although the pressures they face may be different. While girls often face pressure related to thinness, boys may feel pressure to conform to muscular, athletic body ideals. The rise of "fitness influencers" on social media has contributed to this trend, creating an environment where adolescent boys feel compelled to meet certain physical expectations.

3. Sleep Disturbances and Academic Performance

Impact of Late-Night Social Media Use on Sleep Quality

The link between late-night social media use and poor sleep quality is well-documented in the literature. Adolescents who engage with social media late at night often report difficulty falling asleep and maintaining a healthy sleep cycle. The blue light emitted by smartphones, tablets, and computers is known to disrupt the production of melatonin, a hormone that regulates sleep. This disruption can result in sleep deprivation, which has significant consequences for both mental health and overall well-being.

In Pakistan, many adolescents stay up late to interact with peers online or consume social media content, particularly in the form of videos, memes, and stories. This late-night engagement contributes to a delayed sleep onset and insufficient sleep duration, which can leave adolescents feeling fatigued the following day. As a result, they experience reduced concentration, irritability, and diminished cognitive function during school hours.

The consequences of poor sleep quality are far-reaching. Chronic sleep deprivation has been linked to higher rates of depression, anxiety, and attention-deficit issues. Furthermore, it negatively impacts academic performance, as adolescents are less able to focus, retain information, and participate actively in class discussions. The cumulative effects of sleep disturbances can significantly hinder academic achievement and overall cognitive development.

Consequences for Academic Performance and Cognitive Function

Social media-induced sleep disturbances can lead to decreased academic performance in multiple ways. First, sleep deprivation reduces the ability to focus during lectures, take effective notes, and absorb new information. Second, it affects memory retention and cognitive processing speed, both of which are critical for academic success. Adolescents who are tired are also more likely to be disengaged during class, leading to lower grades and reduced academic motivation.

Additionally, social media distractions during study time also contribute to lower academic performance. Adolescents who habitually check their phones for notifications or scroll through social media during study sessions tend to have lower academic achievement. Research shows that multitasking with digital devices can impair cognitive function, leading to decreased focus and poor retention of study material.

4. Interventions and Policy Recommendations

Role of Educational Institutions and Parents

Educational institutions and parents play an essential role in managing the impact of social media on adolescents. Schools can help by educating students about the psychological and physical effects of excessive social media use. Programs that promote digital literacy and responsible social media engagement are critical for fostering awareness and encouraging healthier online habits.

Parents also need to take an active role in managing their children's screen time. This can involve setting limits on daily social media use, particularly before bedtime, and encouraging other activities, such as sports, reading, or face-to-face social interactions. Open communication between parents and adolescents about the pressures of social media can help mitigate its negative effects and create a healthier balance between online and offline worlds.

Proposed Policies for Promoting Digital Well-being

To promote digital well-being, policymakers must implement guidelines and regulations that encourage responsible social media use. One key recommendation is to regulate the content and advertisements that adolescents are exposed to on social media platforms. By enforcing stricter content moderation, policymakers can ensure that young users are not exposed to harmful or inappropriate material that can exacerbate mental health issues.

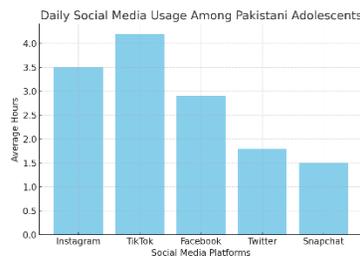
Another important policy suggestion is to implement mandatory "screen time" limits for adolescents. Many countries have started to adopt such regulations, and Pakistan can benefit from similar initiatives. Schools and universities can collaborate with parents and social media companies to promote awareness and implement programs designed to minimize the negative impact of social media on mental health.

Finally, digital well-being education should be incorporated into the school curriculum. Teaching students how to manage their online presence, recognize unhealthy social media habits, and engage in positive online interactions can empower them to use social media responsibly while safeguarding their mental health.

Summary

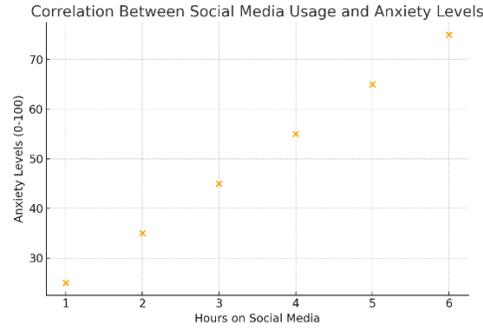
This article examines the multifaceted effects of social media on adolescent mental health in Pakistan. It discusses the prevalence of social media usage, its psychological impacts, and the associated sleep disturbances. The study also explores potential interventions and policy recommendations to address these issues. The findings underscore the necessity for a balanced approach to digital engagement and the implementation of strategies to safeguard adolescent mental health.

Graphs and Descriptions



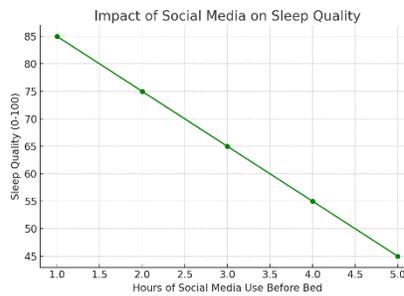
Graph 1: Daily Social Media Usage Among Pakistani Adolescents

- **Description:** This bar chart illustrates the average daily screen time spent by adolescents on various social media platforms in Pakistan.



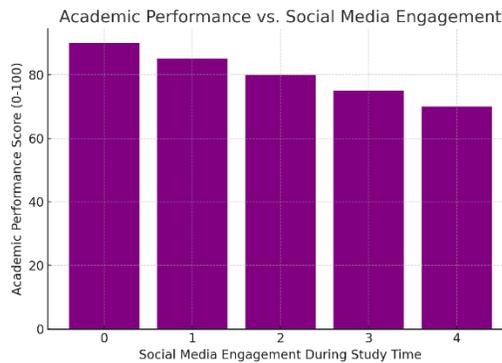
Graph 2: Correlation Between Social Media Usage and Anxiety Levels

- **Description:** A scatter plot depicting the relationship between hours spent on social media and reported anxiety levels among adolescents.



Graph 3: Impact of Social Media on Sleep Quality

- **Description:** A line graph showing the decline in sleep quality with increased social media usage before bedtime.



Graph 4: Academic Performance vs. Social Media Engagement

- **Description:** A bar graph comparing academic performance scores with the amount of time spent on social media during study hours.

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