

SOCIO DEMOGRAPHIC FACTORS ASSOCIATED WITH INTERNET ADDICTION AMONG ADOLESCENT AGE 12 – 17 IN MALAYSIA : NHMS 2017

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INTRODUCTION

Internet addiction is an issue of growing concern especially among the adolescent in many countries

OBJECTIVE

The objective of this study was to determine the association between Internet Addiction (IA) and Socio Demo factors among adolescents age 12-17 in Malaysia

METHODOLOGY

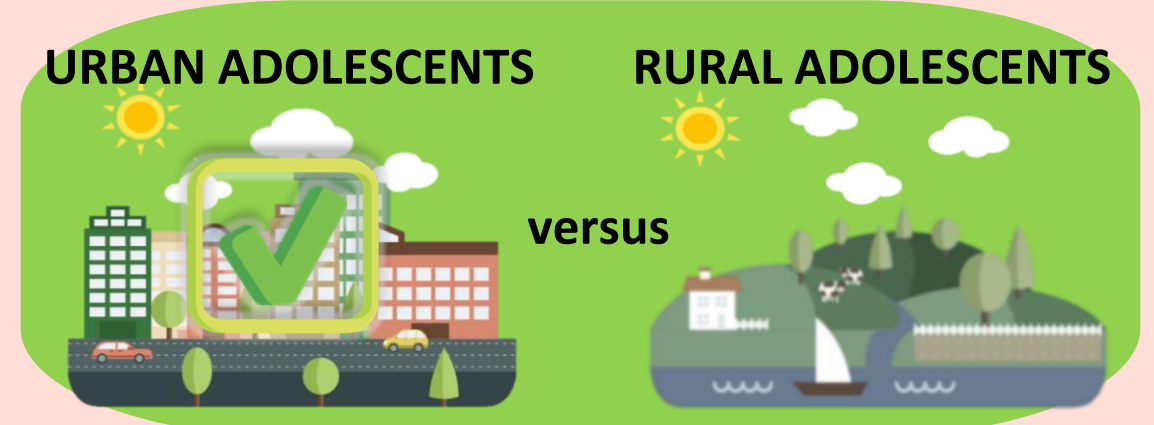
- 1 A secondary data analysis was performed using the nationwide Adolescent Health Survey (AHS) data



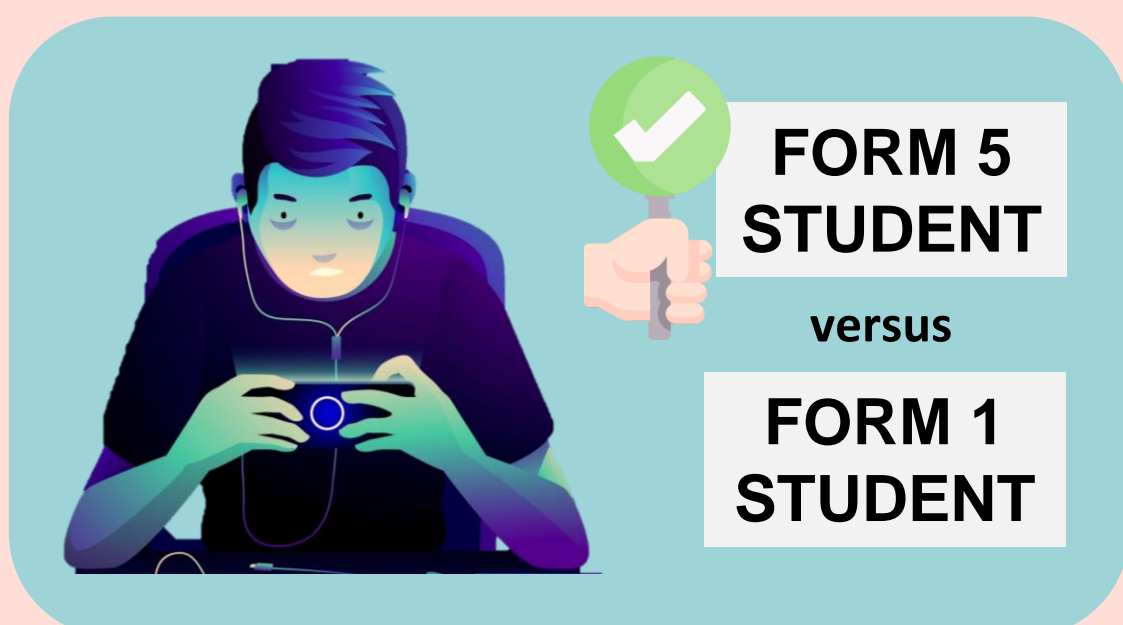
- 2 Data were analysed descriptively & the association between the demographic characteristics and internet addiction was analysed using multivariable logistic regression analyses

RESULTS

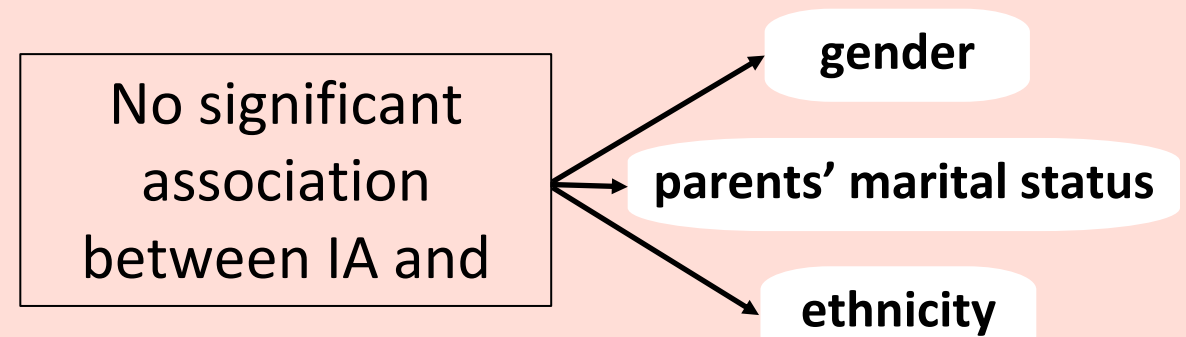
29.0%
PREVALENCE OF
INTERNET ADDICTION



URBAN ADOLESCENTS (OR = 1.393; 95% CI: 1.235,1.571) were more likely to develop IA as compare to rural adolescents



Form 5 student (OR = 2.685; 95% CI: 2.273, 3.172) were more likely to develop IA as compare to Form 1 students



CONCLUSION

- Individuals with certain characteristics appear to be significantly associated with IA
- Policy and measures need to be taken to improve the digital citizenship, particularly those with certain characteristics that were associated with internet addiction

REFERENCES

- Shaw M, Black DW. Internet addiction: definition, assessment, epidemiology and clinical management. *CNS Drugs*. 2008;22(5):353-65. doi: 10.2165/00023210-200822050-00001. PMID: 18399706.
- Ahmadi K, abdulmaleki h, afsar db, seyed esmaeili f. Influences of family on the use of internet. *Journal of behavioral sciences (jbs) (persian)*. 2011.
- Awaluddin SM, Ibrahim Wong N, Rodzlan Hasani WS, Omar MA, Mohd Yusoff MF, Nik Abd Rashid NR, Aris T. Methodology and Representativeness of the Adolescent Health Survey 2017 in Malaysia. *Asia Pac J Public Health*. 2019 Nov;31(8_suppl):85-175. doi: 10.1177/1010539519854884. Epub 2019 Jun 21. PMID: 31226891.
- Centers for Disease Control and Prevention. Global School-Based Student Health Survey (GSHS): Malaysia GSHS 2012 Questionnaires.
- Guan, N.C.; Isa, S.M.; Hashim, A.H.; Pillai, S.K.; Singh, M.K.H. Validity of the Malay version of the Internet addiction test: A study on a group of medical students in Malaysia. *Asia Pac. J. Public Health* 2015, 27, NP2210–NP2219.