

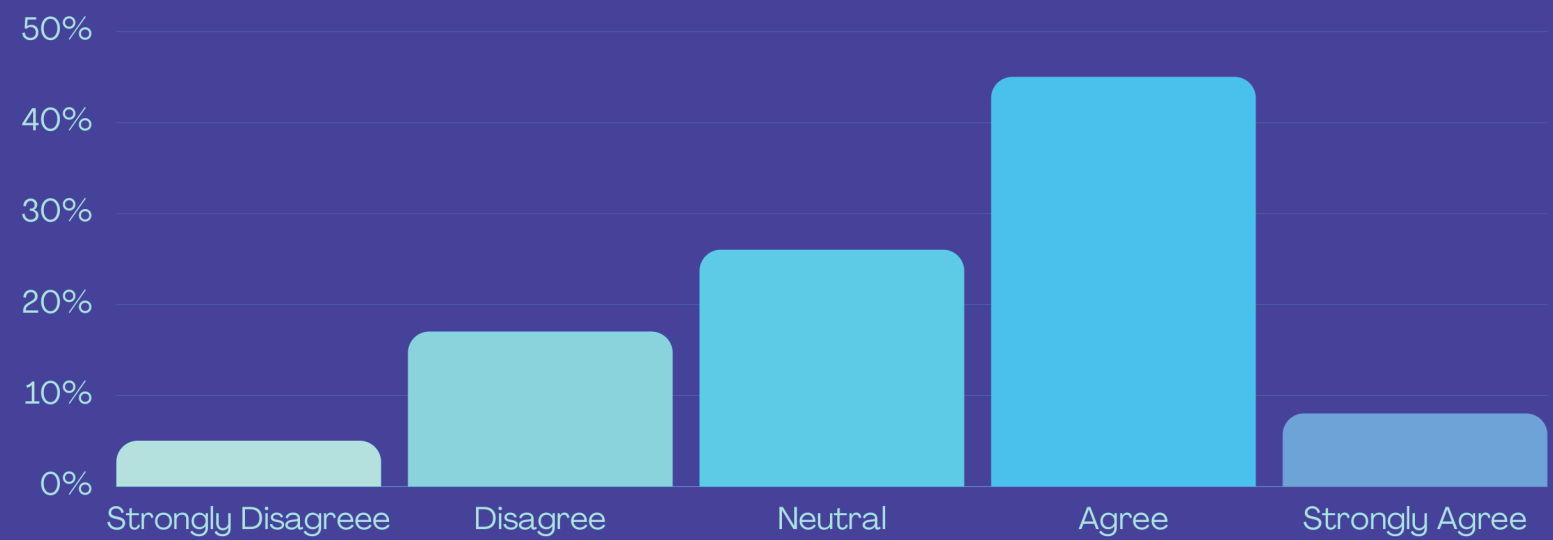
Users' acceptance towards Wearable Devices in Healthcare

Abstract: Results of a survey involving 154 participants from Deggendorf Institute of Technology, assessing users' attitudes and acceptance of wearable devices in healthcare in accordance with the Technology Acceptance Model (TAM)

Results & Discussion:

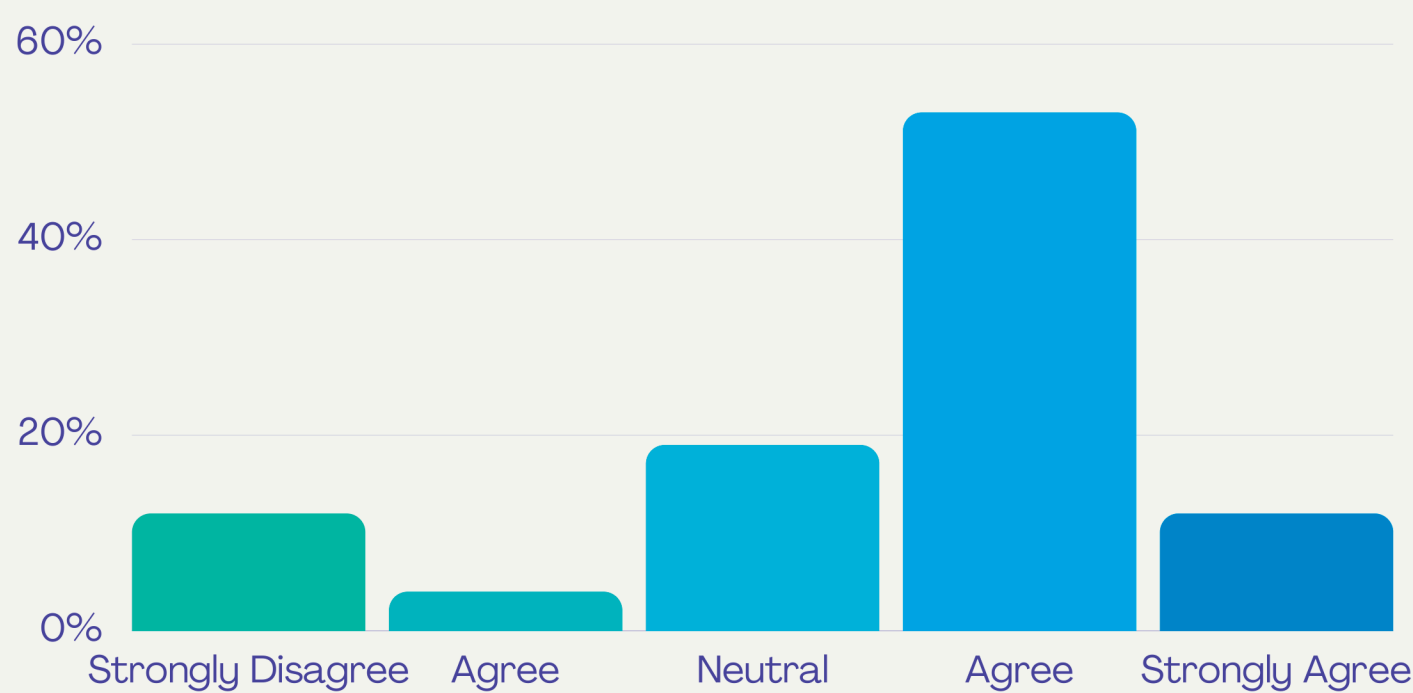
PERCEIVED USEFULNESS

45% of participants agree and 8 % strongly agree that wearable technology is useful in modern healthcare context



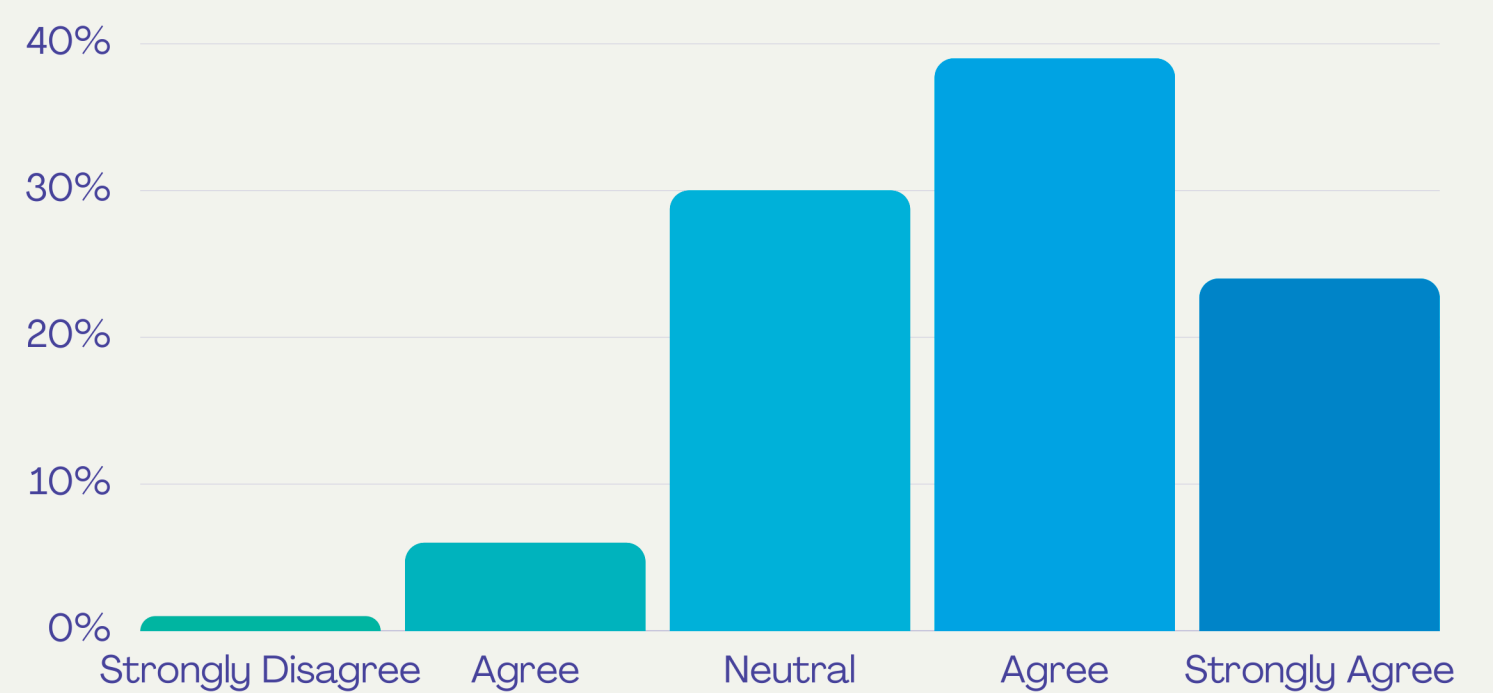
ATTITUDE TOWARDS DIGITAL HEALTH

53% of participants agree and 12% strongly agree that digital health has a positive impact on health care



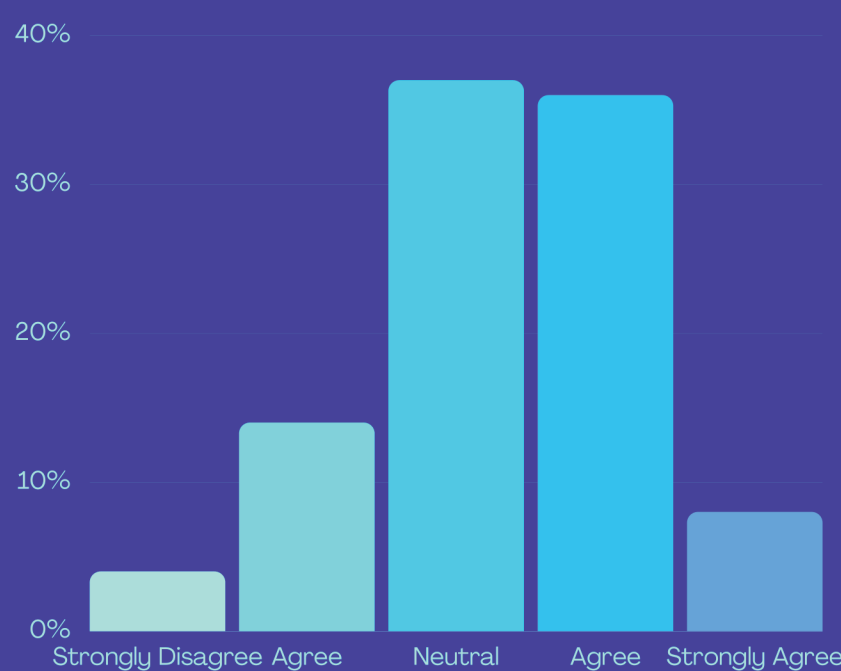
PERCEIVED EASE OF USE

39% of participants agree and 24% strongly agree that wearable devices are easy to use



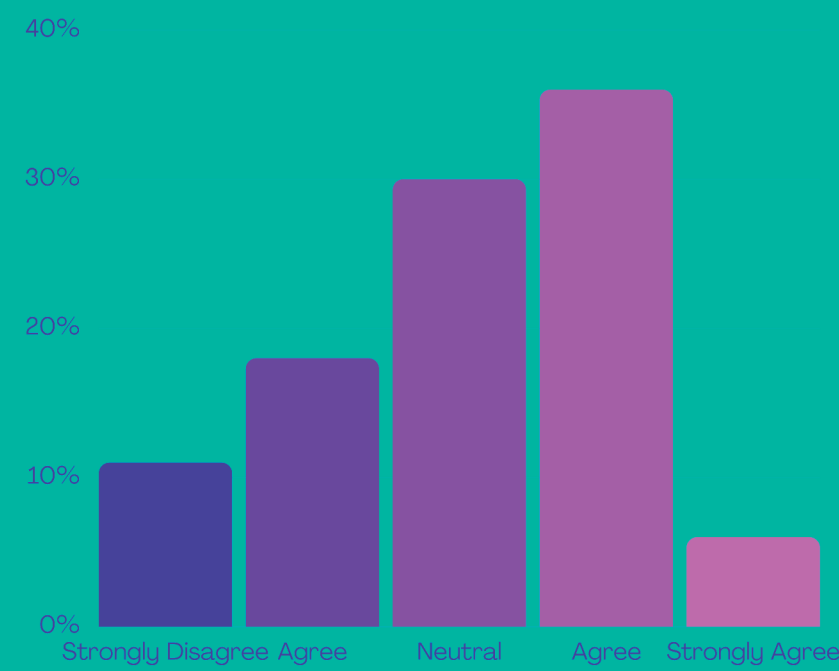
SUBJECTIVE IMPRESSIONS

36% agree and 8% strongly agree that wearable devices are comfortable, fashionable etc.



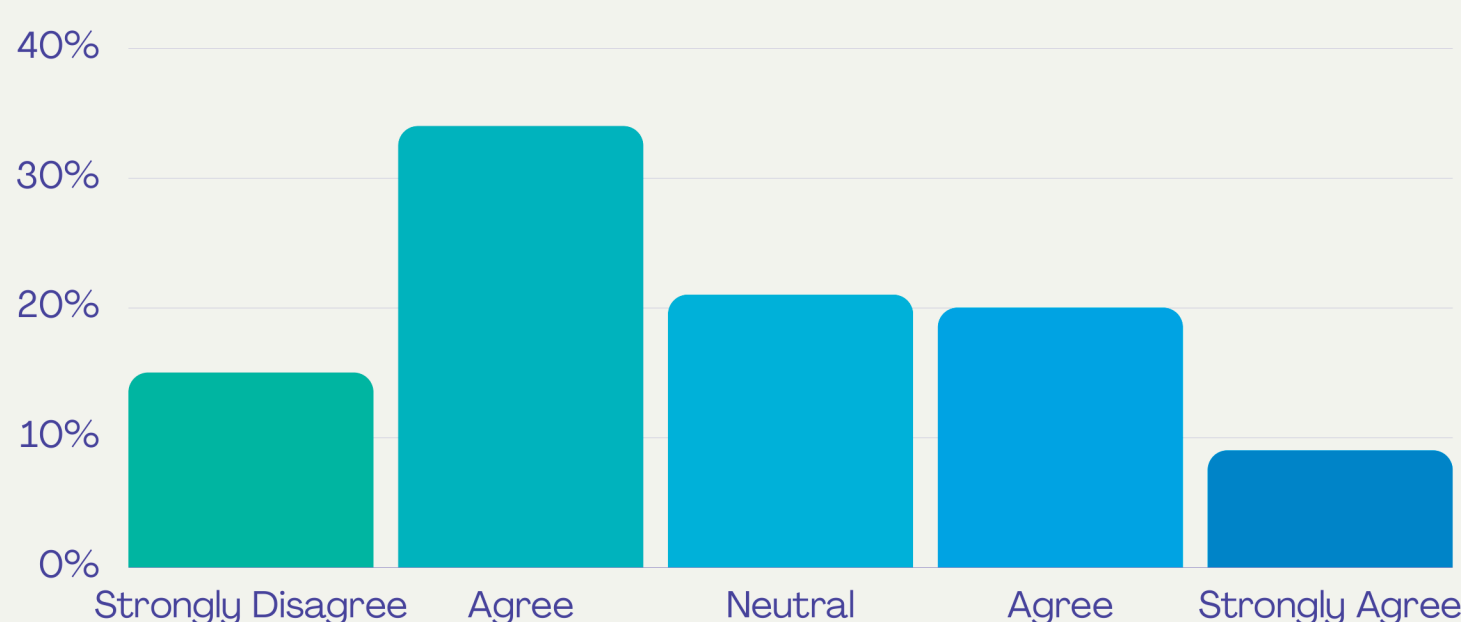
SOCIAL INFLUENCE

36% agree and 6% strongly agree to sharing wearable data with social environment



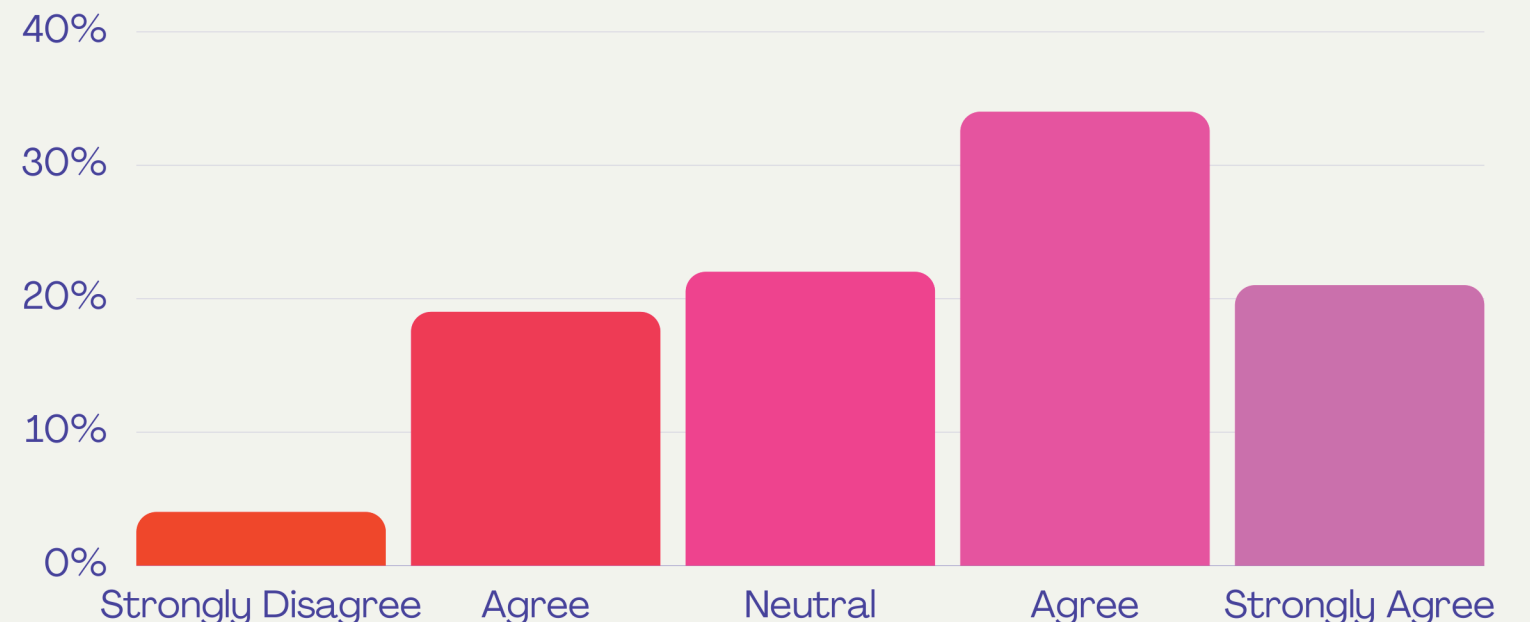
GENERAL CONCERNS

34% disagree and 15% strongly disagree to having major concerns in using wearable devices in healthcare



CONCERNS ABOUT DATA USAGE

34% agree and 21% strongly agree to not trusting providers of wearable devices to handle sensitive health data with care



Conclusion:

Based on the findings of this survey, the vast majority of participants approve of wearable technology in healthcare, with the main concern being about data protection. Further research in other demographics is suggested.