

# The Impact of Informational Technology

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Informational technology is often viewed as beneficial or harmful, but its advantages in daily life far outweigh its drawbacks. Informational technology has many categories that people use for daily activities. People use informational technology for communication, medicine, transportation, and more daily. Modern advancements in technology have significantly improved our lives. Advancements in informational technology have improved communication, medical care, and transportation, making everyday life more efficient and accessible. As technology continues to evolve, its positive impact will only grow.

Starting with communication devices, which began in the 1900s. Devices such as phones/tablets, laptops/desktops, televisions, and radios help us communicate, even if we are so far away, and can help connect friends and family, a company to a client, or do project collaboration, for example. Communication devices are more prevalent in younger generations, but 60.42% of the world has at least one smartphone [\[1\]](#), which applies to all generations. Schools are implementing ICTs (communication technologies), as researchers stated: “Our study extends the debate on subjects, academic content, and classroom knowledge by addressing the role that ICTs may play in transforming academic content into classroom knowledge, as an added feature that may qualify the transformation process” [\[2\]](#). Not only schools use ICTs, but some government organizations post stuff on social media for the general public, which helps raise

awareness on the topic they are posting on; national, state, county, city, and even regional governments use them, and much more. As communication devices rise in popularity, more people will use them, even in areas where society never expected them.

Beyond communication, technology has also revolutionized healthcare, providing life-saving tools and increasing patient accessibility. There are more personal devices, such as medical devices, portable medical measurement systems, and alert devices (e.g., beepers). The most popular medical device is the alert device, which saves lives by helping raise awareness of a fallen or hurt civilian (typically senior). They (and smartwatches) may also call 911 automatically, saving the effort of civilians or others of manually calling them. Medical measurement systems, as medical devices, can measure certain things in our bodies, such as blood pressure or blood sugar, in our own homes and can be very portable, which is only ever so expanding in today's world as an industry. Some other medical devices can measure pills, for example, for a specific dosage, and beepers can either beep in case of a fallen citizen (typically seniors) to make others aware, or they can call 911 on themselves. These medical devices are more used towards vulnerable people, such as seniors. Medical devices save lives every day and will only save more as innovations become more popular daily.

What about a category that most of us have to use every day? Transportation has been taking an independent turn since the 2010s. People in the early 1900s only thought about these innovations, but there are now self-driving cars, which people can own or take as a taxi. There are also smartphone apps to order a driver, similar to a cab, but can go much longer distances instead of having a strict zone within borders. Apparently, "self-driving cars may be able to create their own special memories, ones that could help drivers safely navigate new routes in bad

weather and unfamiliar environments” [\[3\]](#), making it safer on the roads for the inexperienced in harsh weather. Transportation technology is getting more advanced each day, and it is only getting safer for all of us, experienced or not. While not everyone uses these innovations, many people do, typically in cities or larger populated areas, and they will continue to increase their customers as the new era continues.

Most of these technology categories can do good, such as improving how people live and interact with others or themselves. Whether it is how people communicate with each other, save people’s lives, or get around; the way technology has increased convenience and accessibility only in the past few decades highlights the positive aspects of people’s lives using it. Technology will only expand as more innovations come out and become popular.

## Works Cited

- [1] Turner, Ash. “How Many People Have Smartphones Worldwide (2025).” BankMyCell, 4 January 2025, <https://www.bankmycell.com/blog/how-many-phones-are-in-the-world>. Accessed 19 February 2025.
- [2] Ramírez, Elena, et al. “Powerful Knowledge, Transposition/Transformation and ICT: An Empirical Study across School Subjects in Primary Education.” *Cambridge Journal of Education*, vol. 53, no. 6, Dec. 2023, pp. 825–46. EBSCOhost, <https://doi.org/10.1080/0305764X.2023.2215185>. Accessed 27 January 2025.
- [3] O’heir, Jeff. “Self-Driving Cars Will Have Their Own Memories.” *Mechanical Engineering*, vol. 145, no. 2, Feb. 2023, pp. 11–15. EBSCOhost, <https://research.ebsco.com/linkprocessor/plink?id=7c67bc2a-4758-34eb-86fe-52a3a71fdc23>.