## Social Media in Society

Nina Vukicevic and Alexandra R. Pettit

A Real World View of Applied Math and Statistics

Pr. John R. Taylor and Mrs. Pesiré J. Taylor



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## **Abstract**

The use of social networks has become so popular that According to a new eMarketer report, "Worldwide Social Network Users: 2013 Forecast and Comparative Estimates," nearly one in four people worldwide will use social networks in 2013.

(http://www.emarketer.com/Article/Social-Networking-Reaches-Nearly-One-Four-Around-World/1009976#h3XMXBvfVzbzKq8y.99) It is predicted that the use of social networks is just going to keep increasing over time, so we decided to see what kind of impact the use of these social networks had on our society as a whole. We obviously knew that sites like Facebook helped keep people from across the world in touch with one another, the research we found about social networks showed negative side effects that they can cause and we decided to prove that they did more harm than good.

In this paper we show the real deal behind social networking. We found statistics on the increase of social networking over time, the number of underage users, the number of teenage users, the effects on a person's future, the number of people who don't understand or read the privacy terms, and the number of fake profiles out there. The most popular social network was Facebook, so we decided to do most of our data analysis with this social network.

In the end we found that social networks did have negative side effects on society as a whole, but if they were used properly could be a good thing.

