



Brighter Solutions Tomorrow

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Human Sex Trafficking/Slavery (The Macro Problem)

Modern slave traders now earn up to 30 times more than the 18th and 19th century.

The one-off cost of a slave today is **\$450** (estimate).

A forced labourer generates roughly \$8,000 in annual profit for their exploiter, while sex traffickers earn an average of **\$36,000 per victim**. (<https://www.theguardian.com/news/2019/feb/25/modern-slavery-trafficking-persons-one-in-200>)

45.8 million people are enslaved in the world today

$45.8(\text{mil})/7.8(\text{bil}) = .005\%$

or **1 in every 200** of people in the world today are slaves

Women and girls comprise 71% of all modern slavery victims. Children make up 25% and account for 11.375 million of all the slaves worldwide.

This makes the Sex Trade a **multi-billion dollar industry**

(The Micro Problem) Displaced female Syrian refugees in Lebanon have been traded on **WhatsApp**, and Islamic State relies increasingly on secure apps such as Surespot and Threema for its communications.
(<https://ourworld.unu.edu/en/women-are-being-traded-as-slaves-on-whatsapp-heres-how-the-un-can-act>)

Brazil (Dr. Mota's home country)

A report released (2015) by the Brazilian Ministry of Justice said nearly 500 Brazilian victims of human trafficking were identified as leaving the country between 2005 and 2011, with more than 70 per cent of those cases being sexual exploitation. Most of the sexual exploitation cases were found in **Suriname**, which is used as a transit country for trafficking victims to the Netherlands.



WhatsApp

WhatsApp is by far **Facebook's** largest acquisition and one of the biggest Silicon Valley has ever seen.

Facebook spent one-tenth of his company's [market value](#) to buy the text messaging app.

(<https://www.investopedia.com/articles/investing/032515/whatsapp-best-facebook-purchase-ever.asp#:~:text=When%20Facebook%20announced%20its%20plans,billion%2C%20or%20%2455%20per%20user.>)

Over 500 million people used WhatsApp monthly and the service added more than 1 million users per day.

70% of WhatsApp users were active daily.

WhatsApp users sent 500 million pictures back and forth per day, about 150 million more than Facebook users.

(<https://www.investopedia.com/articles/investing/032515/whatsapp-best-facebook-purchase-ever.asp#:~:text=When%20Facebook%20announced%20its%20plans,billion%2C%20or%20%2455%20per%20user.>)

WhatsApp's utilizes end-to-end encryption and ensures only you and the person you're communicating with can read to what is sent, and nobody in between, not even **WhatsApp**.

This does not stop a user from joining a public group and Monitoring Group Communication.

WhatsApp's Security Mission Statement

From day one, we built WhatsApp to help you stay in touch with friends, share vital information during natural disasters, **reconnect with separated families**, or **seek a better life**. Some of your most personal moments are shared with WhatsApp, which is why we built **end-to-end encryption** into our app. When end-to-end encrypted, your **messages, photos, videos, voice messages, documents, and calls are secured from falling into the wrong hands**.

(<https://www.whatsapp.com/security/?lang=en#:~:text=WhatsApp's%20end%2Dto%2Dend%20encryption,in%20between%2C%20not%20even%20WhatsApp.>)