1154-M5-761   **Andrew Niedermaier*** (`aniedermaier@janestreet.com`). *Colonel Blotto, 10 Years Later.* Preliminary report.

Remember Colonel Blotto? A master tactician of the battlefield, his problem is a doozy: apportion 100 soldiers to fight at 10 different castles. The opposition also has 100 soldiers, and the larger army at each castle will claim victory. Should Blotto send 10 soldiers to each castle, or perhaps should he focus his efforts on a subset of the 10?

In 2009 I first brought the Blotto problem to the Joint Meetings, highlighting its value as a fun classroom activity that touches on several game theoretic concepts.

In 2013 I spoke about how the Blotto problem could be used to model certain situations in quantitative finance, and discussed results from the first Jane Street company-wide Blotto tournaments.

Now, in 2020, I intend to present a survey of the first 10 years' worth of company-wide Blotto tournaments, highlighting interesting trends, surprising strategies, epic fails, and other miscellanea from across more than 60 variations of the "basic" Blotto game. (Received September 10, 2019)