



An analysis of almost 400 top-grossing movies from 1985 to 2010 shows about 90 percent included at least one moment of violence involving a main character.

In 77 percent of those movies, the main character also smoked tobacco or drank alcohol or engaged in sexual behavior, *HealthDay* reports.

More than half of the most popular movies rated PG-13 featured a main character who acted violently and involved either drinking, smoking or sexual behavior within a five-minute segment, the researchers found. The study found almost no difference between the most popular PG-13 movies and R-rated movies in depicting main characters who engaged in violent and alcohol use, or violence and sexual behavior.

The study appears in the journal *Pediatrics*.