

Associations Between Exposures and Health-related Outcomes

| Outcome | Specific Outcome | Exposure | Age Group | Lead Author, Date | r with 95% CI | I ² | K | N | | | | | |
|----------------------|-------------------------------------|--|-------------|-------------------|----------------------|----------------|----|---------|--|--|--|--|--|
| Body composition | Body composition | Screen use: General | All | Fang, 2019 | 0.14 [0.11, 0.17] | 86% | 19 | 47,164 | | | | | |
| | Body composition | TV programs and movies: General | All | Poorolajal, 2020 | 0.12 [0.10, 0.15] | 98% | 56 | 343,999 | | | | | |
| | Body composition | TV programs and movies: General | Children | Zhang, 2016 | 0.12 [0.09, 0.15] | 96% | 24 | 104,911 | | | | | |
| | Body composition | TV programs and movies: General | Adolescents | Marshall, 2004 | 0.06 [0.03, 0.10] | 0% | 12 | 3,196 | | | | | |
| | Body composition | Video games: General | All | Poorolajal, 2020 | 0.07 [0.02, 0.11] | 98% | 11 | 151,910 | | | | | |
| Diet | Food intake | Advertising: Unhealthy food | All | Boyland, 2016 | 0.25 [0.12, 0.38] | 88% | 13 | 1,756 | | | | | |
| | Food intake (calories) | Advertising: Advergames | All | Folkvord, 2018 | 0.18 [0.10, 0.25] | 82% | 15 | 3,842 | | | | | |
| Healthy behavior | General | Screen-based intervention: Health behaviours | All | Cushing, 2010 | 0.15 [0.10, 0.20] | 82% | 33 | 9,525 | | | | | |
| Psychological health | Depression | Screen use: General | All | Liu, 2016 | 0.06 [0.04, 0.08] | 92% | 21 | 138,942 | | | | | |
| Risky behavior | Risk taking (general) | Social Media: General | Adolescents | Vannucci, 2020 | 0.21 [0.16, 0.25] | 98% | 27 | 66,407 | | | | | |
| | Risky sexual behaviour | Social Media: General | Adolescents | Vannucci, 2020 | 0.21 [0.14, 0.28] | 96% | 14 | 23,096 | | | | | |
| | Sexual activity | Screen use: Sexual content | All | Ferguson, 2017 | 0.08 [0.05, 0.11] | 76% | 25 | 18,127 | | | | | |
| | Sexual activity (initiation of sex) | Screen use: Sexual content | All | Ferguson, 2017 | 0.08 [0.04, 0.12] | 84% | 16 | 17,019 | | | | | |
| | Substance abuse | Social Media: General | Adolescents | Vannucci, 2020 | 0.19 [0.14, 0.24] | 96% | 14 | 36,228 | | | | | |
| Sleep | Duration | TV programs and movies: General | Adolescents | Bartel, 2015 | -0.06 [-0.10, -0.01] | '8% | 10 | 9,798 | | | | | |

-0.4 -0.2 0.0 0.2 0.4
r with 95% and 99.9% CIs