This study examined people’s reactions toward displays of public intimacy by gay, lesbian, and heterosexual couples. It was hypothesized that viewing intimacy between a heterosexual couple would trigger fewer feelings of disgust than viewing intimacy between a gay male couple. Further, it was hypothesized that viewing intimacy between a lesbian couple would elicit fewer feelings of disgust when viewed by men than when viewed by women. A total of 134 participants viewed a PowerPoint that contained 27 photos portraying three levels of public intimacy (hand holding, cuddling, kissing) for gay, lesbian, and heterosexual couples. Participants were asked to rate how disgusted and uncomfortable each photo made them feel, and the extent to which they thought the behavior should be punished when exhibited in public. Participants completed a demographics sheet, the Multidimensional Measure of Comfort with Sexuality (Tromovitch, 2000), the Sexual Orientation Belief Scale (Arseneau, 2013), and the Balanced Inventory of Desirable Responding (Paulhus, 1988). Among the most compelling findings were that, as hypothesized, men and women viewed the photos differently. Men reported stronger disgust and discomfort toward photos of gay couples, and women reported disgust and discomfort toward photos of lesbian couples. Both men and women reported stronger disgust and discomfort as the intimacy portrayed in photos increased. Neither men nor women reported punitive feelings, which suggests that, while participants may be uncomfortable with homosexuality, they may not think it is immoral. These and other findings will be discussed. Study limitations and directions for future research will also be discussed.