Deaths from smoking and from HIV/AIDS among gay D-sxo and bisexual D-sxo men **D**-gen California 2005â€"2050 B-tme . Introduction Deaths from HIV/AIDS have long been of concern to the gay D-sxo community, but less R-rel attention has focused on smoking-attributable deaths despite the relatively high smoking rates B-use among gay **D-sxo** and bisexual **D-sxo** men **D**-gen . This study compared deaths from California L-loc HIV/AIDS with smoking-attributable deaths among gay **D-sxo** and bisexual **D-sxo** men D-2050 B-tme . Methods Smoking-attributable fractions (SAFs) were estimated using from 2005 **B-tme** to gen smoking prevalence **B-prv** for gay **D-sxo** and bisexual **D-sxo** 2011â€"2014 **B-tme** men **D**-gen from the California L-loc Health Interview Surveys M-mth and published relative risks **B-pcp** of death. Smokingattributable deaths were calculated by multiplying the SAFs by deaths among gay D-sxo and bisexual **D-sxo** men D-gen . Deaths from HIV/AIDS among men D-gen who have sex D-gen with men D-gen was obtained from the California L-loc Department of Public Health. Future deaths from smoking and HIV/AIDS were projected using regression equations based on time trends. Results From 2005 **B-tme** to 2014 **B-tme** , smoking caused over 6800 deaths among gay D-sxo and bisexual D-sxo men D-gen , while nearly 9500 died from HIV/AIDS. Mortality B-hlt from both causes has been falling, but deaths from HIV/AIDS have been falling more R-rel rapidly. gay **D-sxo** / Projections suggest that in the mid-2040s, more R-rel bisexual **D-sxo** men **D**-gen will die from smoking than from HIV/AIDS. Conclusion Smoking will surpass HIV/AIDS as a cause of death among gay **D-sxo** and bisexual **D-sxo** California L-loc within a few decades. The lesbian D-sxo , men **D-gen** in gay **D-sxo** LGBT L-loc) community was highly effective in drawing attention and bisexual **D-sxo** and transgender **D-gen** (resources to the fight against HIV/AIDS, saving untold lives by hastening effective treatments. Lessons learnt in the fight against AIDS should be used to help fight the tobacco epidemic P-red .One in five deaths in the is attributable to smoking. Gay **D-sxo** and bisexual **D-sxo** men **D-gen** smoke at higher rates **B-prv** than heterosexual **D-sxo** men D-gen , suggesting that many of them may be victims of smoking-attributable mortality B-hlt . The mortality B-hlt toll of cigarette smoking B-use on the gay D-sxo and bisexual D-sxo community has not been studied. The lesbian **D-sxo** gay **D-sxo**, bisexual **D-sxo** and transgender **D**-gen LGBT L-loc) community, which mobilised effectively against the AIDS epidemic, has largely ignored the tobacco epidemic P-red . We found that smoking-attributable deaths will exceed deaths from AIDS in the California L-loc bisexual **D-sxo** community within a few decades. The **LGBT L-loc** gay **D-sxo** / community could build on its successful organising against AIDS to help diminish the toll of tobacco.