

Secondhand smoke (SHS) is an occupational hazard for many casino workers- from dealers to security. Job-related exposure to SHS is a significant, but entirely preventable, cause of premature death among U.S. workers.^{1, 2, 3} While 24 states have 100 percent smoke-free laws covering all workplaces, restaurants, and bars, only 20 states require state-regulated gaming facilities to be 100 percent smoke-free.⁴ ACS CAN urges policymakers and community leaders to pass laws and policies that make all gaming facilities 100 percent smoke-free.

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Secondhand Smoke: Risking Workers' Health

Casino workers are at higher risk for SHS-related illness than other workers:

- The National Institute of Occupational Health and Safety (NIOSH) and the US Surgeon General found that occupational exposure to SHS increases workers' risk of lung cancer and other diseases.^{5, 6, 7}
- Nicotine concentrations in the air in casinos, bars, billiard halls, bowling alleys, and bingo parlors were found to be 2.4-18.5 times higher than in offices or residences, and 1.5-11.7 times higher than in restaurants.⁸ Another study found that smoke particles were approximately 12 times greater inside casinos than outside.⁹
- A study examining casino dealers' occupational exposure to SHS in three casinos found that they were exposed to nicotine and a number of toxins – including carcinogens¹⁰ benzene, naphthalene, formaldehyde, acetaldehyde.¹¹
- Patrons were also found to have significantly elevated levels of a tobacco-specific lung carcinogen after a four-hour visit to a casino that allowed smoking.¹²
- SHS and unsafe levels of smoke-related pollutants have been found throughout the entire casino gaming area, suggesting that casino patrons as well as other casino employees (e.g. servers, cashiers, security personnel) may incur the same level of SHS exposure as dealers and supervisors.¹³ A study examining levels of SHS in 21 Nevada casinos with non-smoking restaurants adjacent to gaming areas where smoking was allowed found that the non-smoking areas still had an average of 60 percent of the amount of SHS as the areas where smoking was allowed.¹⁴
- A study on the impact of SHS in Pennsylvania casinos found that exposure causes five times as many premature deaths as Pennsylvania mining disasters.¹⁵

“Even with ventilation and nonsmoking sections, casino workers and patrons are exposed to unsafe levels of secondhand smoke.”

Improving Workers' Health

Smoke-free casino laws reduce exposure to SHS and improve the health of casino workers and patrons:

- NIOSH and the Surgeon General recommend that ALL workers be protected from involuntary exposure to SHS.^{16,17}
- Research has shown that smoke-free policies reduce workers' long-term risk of lung cancer and cardiovascular disease.^{18, 19, 20, 21, 22, 23}

- Comprehensive smoke-free policies also reduce the risk of hospitalizations and death from heart, stroke, and lung diseases.²⁴ More comprehensive smoke-free laws had an even greater impact on risk of disease and death.
- A study comparing SHS particulate levels in 66 U.S. casinos where smoking is allowed with three non-smoking casinos found that the smoke-free casinos had, on average, 94 percent lower levels of SHS particulate.²⁵ In about half of the smoking casinos, the SHS levels exceeded a level known to increase cardiovascular risk in nonsmokers after less than 2 hours of exposure, posing acute health risks for patrons and workers. In casinos with a non-smoking section, the ventilation and separation systems were unable to remove the majority of the SHS that a comprehensive smoke-free law removed.²⁶
- Another recent study found a 19.1 percent decrease in ambulance calls originating from Colorado casinos as a result of the extension of smoke-free laws to casinos.²⁷

Improving the Bottom Line

Smoke-free casino laws are popular and good for business.

- There is strong public support for making casinos smoke-free. Three years after the implementation of Iowa's smoke-free law, 63 percent of voters supported expanding the smoke-free law to casinos.²⁸ More than 70 percent of New Jersey voters support extending the statewide Smoke-Free Air Act to cover casino gaming floors in 2007. In Southern California, more than 85 percent of gaming customers surveyed in Indian casinos stated that they would prefer a smoke free environment.²⁹
- When smoking is allowed in the workplace, business owners increase their costs of doing business. Employers pay increased health, life, and fire insurance premiums, make higher workers' compensation payments, incur higher worker absenteeism, and settle for lower worker productivity.^{30, 31, 32, 33, 34, 35, 36, 37}
- Employees who smoke have significantly higher absentee, injury, accident, and disciplinary rates than their nonsmoking colleagues.^{38, 39, 40, 41}
- Studies on the impact of smoke-free gaming laws in Delaware and Kentucky showed that the laws had no effect on total gaming revenue.^{42, 43}
- A Massachusetts study found that 100 percent smoke-free ordinances did not negatively affect profits from bingo and other gambling sponsored by charitable organizations.⁴⁴

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