Alcohol is the 2nd leading cause of premature death and disability in LAC, and is associated with more than 54 acute and chronic health conditions.

Over 1 in 3 young adults* binge drink.

Economic Costs

Alcohol-related Tangible Costs in LAC, 2014

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Annual Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare</td>
<td>$976.7 million</td>
</tr>
<tr>
<td>Lost Productivity</td>
<td>$7.7 billion</td>
</tr>
<tr>
<td>Other</td>
<td>$1.6 billion</td>
</tr>
<tr>
<td>Total</td>
<td>$10.3 billion</td>
</tr>
</tbody>
</table>

Driving Under the Influence

Alcohol-involved Motor Vehicle Outcomes in LAC, 2013

<table>
<thead>
<tr>
<th>Outcome</th>
<th>LAC N (%)</th>
<th>CA N (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatalities from alcohol-involved collisions</td>
<td>246 (39.0)</td>
<td>1,197 (39.0)</td>
</tr>
<tr>
<td>Injuries from alcohol-involved collisions</td>
<td>6,338 (8.7)</td>
<td>23,178 (10.4)</td>
</tr>
<tr>
<td>DUI Arrests, 2012</td>
<td>39,741 (0.7)</td>
<td>172,893 (0.7)</td>
</tr>
</tbody>
</table>

Health Outcomes

Alcohol is the 2nd leading cause of premature death and disability in LAC, and is associated with more than 54 acute and chronic health conditions. Alcohol is involved in over 1000 deaths every year.

Number of Alcohol-related Emergency Department (ED) Visits and Hospitalizations in LAC, 2006-2013

For treatment in LAC, call (888)742-7900. For additional support, visit Alcoholics Anonymous.

For medication assisted therapy (MAT) information, visit http://www.dpt.samhsa.gov/medications/medsindex.aspx.

For more information regarding this brief, please contact Tina Kim, Ph.D. at tkim@ph.lacounty.gov.
Excessive Drinking and Consequences

Prevalence of drinking by age in Los Angeles County (LAC), 2010-2012

Adult Drinking:
• According to the National Surveys on Drug Use and Health 2010-2012 data, about half of all adults age 18 or older reported current drinking (drinking at least one alcoholic beverage in the past 30 days).

Adult Binge Drinking:
• 23% of adults reported binge drinking (5 or more alcoholic beverages on the same occasion on at least one day in the past 30 days).
• Over 1 in 3 (34.4%) young adults (18-25 years) reported binge drinking in the past 30 days.

Underage Drinking:
• 23% of individuals under the legal drinking age (21 years) reported drinking at least one alcoholic beverage in the past 30 days.

Underage Binge Drinking:
• 15% of individuals reported drinking 5 or more alcoholic beverages on at least one day in the past 30 days.

Prevalence of binge drinking among adults by gender and race/ethnicity in LAC, 2011

• According to the Los Angeles County Health Survey 2011 data, Latino men (27%) had the greatest prevalence of binge drinking (drinking 4 or more alcoholic beverages for women, and 5 or more alcoholic beverages for men on the same occasion on at least one day in the past 30 days), and Asian/Pacific Islander women (5%) had the lowest prevalence of binge drinking.

Gender:
• Men engaged in more binge drinking than women across all race/ethnicity groups.

Race/Ethnicity:
• Among men, Latinos (27%) had the greatest prevalence of binge drinking, followed by Asian/Pacific Islanders (19%), whites (18%), and African Americans (13%).
• Among women, whites (12%) had the greatest prevalence of binge drinking, followed by African Americans (10%), Latinos (9%), and Asian/Pacific Islanders (5%).

Economic Costs

Alcohol-related tangible costs in LAC, 2014

• According to Sacks et al (data extrapolated for LAC and adjusted for inflation to 2014 US dollars), the total tangible direct and indirect costs of excess alcohol consumption in LAC was over $10.3 billion.

Healthcare Costs:
• Healthcare costs for treatment of alcohol-attributable conditions were over $976.7 million for LAC in 2014.

Lost Productivity Costs:
• Alcohol-related costs due to premature mortality, impaired productivity at work, home, and while institutionalized, work-related absenteeism, lost work days among crime victims and from incarceration, and reduced productivity related to fetal alcohol syndrome were over $7.7 billion for LAC in 2014.

Other Costs:
• Alcohol-related costs due to criminal justice system property damage, motor vehicle crashes, fire damage, and fetal alcohol syndrome related special education were over $1.6 billion in LAC in 2014.

Alcohol-related tangible costs in LAC, 2014

• According to California Department of Motor Vehicles, in 2012, there were 39,741 DUI arrests in LAC and 172,893 DUI arrests in California.

DUI Arrests:
• According to California Department of Motor Vehicles, in 2012, there were 39,741 DUI arrests in LAC and 172,893 DUI arrests in California.

• The rate of DUI arrests were similar for LAC and California at 0.7 DUI arrests per 100 licensed drivers.

Health Outcomes

Number of alcohol-related emergency department (ED) visits and hospitalizations in LAC, 2006-2013

ED visits:
• According to the Office of Statewide Health Planning and Development data, in LAC, the number of emergency department visits with any alcohol-related diagnosis or external cause of injury significantly increased by 82% from 34,841 visits in 2006 to 63,424 visits in 2013.

Hospitalizations:
• The number of alcohol-related hospitalizations with any alcohol-related diagnosis or external cause of injury significantly increased by 20% from 46,957 hospitalizations in 2006 to 56,191 hospitalizations in 2013.

Alcohol as primary drug of choice at admission by race/ethnicity in LAC, 2005-2013

• According to Los Angeles County Participant Reporting System data, during 2005-2013, about 15,000 individuals received treatment from publicly funded treatment centers in LAC each year.

Race/Ethnicity:
• Among these individuals, Latinos account for the greatest proportion, followed by whites, African Americans, and individuals of other race/ethnicities, including Asians, Pacific Islanders, Native Americans, and Alaskan Natives.

Treatment Admission

Driving Under the Influence

Alcohol-involved motor vehicle outcomes in LAC, 2012-5

Fatalities:
• According to California Highway Patrol data, in 2013, there were a total of 630 fatalities from motor vehicle collisions in LAC. Of these fatalities, 246 (39.0%) involved alcohol.
• In California, there were a total of 3,104 fatalities from motor vehicle collisions. Of these fatalities, 1,197 (39.0%) involved alcohol.

Injuries:
• In 2013, there were a total of 73,123 injuries from motor vehicle collisions in LAC. Of these injuries, 6,338 (8.7%) involved alcohol.
• In California, there were a total of 223,128 injuries from motor vehicle collisions. Of these injuries, 23,178 (10.4%) involved alcohol.

DUI Arrests:
• According to California Department of Motor Vehicles, in 2012, there were 39,741 DUI arrests in LAC and 172,893 DUI arrests in California.
• The rate of DUI arrests were similar for LAC and California at 0.7 DUI arrests per 100 licensed drivers.

1. Substance Abuse and Mental Health Services Administration. Substate estimates of substance use and mental illness from the 2010-2012 National Surveys on Drug Use and Health: Results and Detailed Tables. http://archive.samhsa.gov/data/NSDUH/NSDUH2k12SRE.pdf
2. Los Angeles County Health Survey 2011; Office of Health Assessment and Epidemiology, Los Angeles County Department of Public Health.
9. Alcohol-related emergency department (ED) visits and hospitalizations in LAC, 2006-2013