Public Pleasure
Public Nuisance
Public Health

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Nighttime assault presentations to English A&E services
Average per night by month and for selected holidays, sporting events, and other celebrations

Assault presentations to A&E per day

Month

Assault presentations to A&E per day

January  
February
March
April
May
June
July
August
September
October
November
December

Monthly average, weekend nights (Fri & Sat, 6pm to 6am)
Monthly average, weekday nights (Thurs-Sun, 6pm to 6am)
Average for special event, weekend night
Average for special event, weekday night

Bellis et al 2012
• 50% of all violence in England and Wales is alcohol-related (1 million incidents/year)

• 20% of violence occur in or around pubs and clubs

• 80% of emergency department assault patients have been drinking (Weekend nights)

• 50% adults avoid town and city centres at night

(TIIG, BCS, Big Drink Debate)
<table>
<thead>
<tr>
<th>Price per litre pure alcohol</th>
<th>Off-trade</th>
<th>On-trade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spirits</td>
<td>£41.34</td>
<td>£193.54</td>
</tr>
<tr>
<td>RTDs</td>
<td>£77.64</td>
<td>£193.54</td>
</tr>
<tr>
<td>Fortified wine</td>
<td>£38.18</td>
<td>£271.89</td>
</tr>
<tr>
<td>Wine (Light)</td>
<td>£48.81</td>
<td>£162.04</td>
</tr>
<tr>
<td>Cider</td>
<td>£29.56</td>
<td>£93.24</td>
</tr>
<tr>
<td>Perry</td>
<td>£24.75</td>
<td>£135.08</td>
</tr>
<tr>
<td>Beer</td>
<td>£41.28</td>
<td>£111.04</td>
</tr>
</tbody>
</table>
Drunkennes

Expected home time

Estimated BAC at home time

(+/-95% confidence intervals)

Before midnight
Midnight to before 2am
2am to before 4am
4am or later

Modern Trends & Drunkenness

(Bellis et al., 2010)

Pre-loading

Yes

No

Higher Risk of Violence

Safer drinking messages are irrelevant to nights out

3 people prosecuted for selling alcohol to a drunk person

Late night economy operates on selling alcohol to drunk people

(Bellis et al., 2010)
Get Drunk “Safely” Measures

Environmental Measures

• Improving Management
  – Inspection, Licensing, Award schemes, PubWatch

• Staff training
  – Managers, Sensible Server, Door supervisors

• Safety and security outside
  – Lighting, CCTV, Targeted Policing

• Late night transport
  – Additional provision, Security at transport points
Just part of a method for violence reduction and a marker that an area has developed a multi-agency approach.
Facebook house party gatecrashers wreck Wirral home

Feb 22 2010

“Rachel couldn’t remember anything the other day because of the drink, but little bits are coming back.”

A MERSEYSIDE home was trashed after a teenager’s Facebook-advertised party went disastrously wrong.

Dad-of-four Michael Ross today spoke of his horror after surveying the damage at his Wallasey semi-detached house.

His daughter Rachel, 15, had organised a secret gathering of friends there on Friday while he and his wife attended an overnight wedding.

But more than 50 people turned up after the girl and her friends apparently touted the whereabouts of the party on social networking website Facebook.

Today, the ECHO can exclusively reveal how:

* Yobs urinated on a two-year-old’s bed and into cups

* Grown men, some possibly over 25, rioted throughout the house

* Collectable Samurai swords were ripped off the wall and hurled around the house like spears, and left embedded in the wall
Student Experiences of Non-Consensual Sex when Intoxicated

• >1000 University students
  – (aged 18-24 years)
  – 30.7% - alcohol-related non-consensual oral, vaginal or anal sex since age 14.

• Victims
  – Drinking more extreme prior to act
  – Drinks over shorter time periods (3-4 hours)

• 2/3 participants disclosed their experience
  – Most frequently a friend (n=184); few (n=9) to the police

Gunby et al 2012
25% of male deaths 16-24 years are alcohol related (England)

Lifetime Risk of Death - Alcohol-related Violence & Injury per 100 male drinkers, by frequency of consumption

Rehm et al, 2008; Jones et al 2008
The Nightlife Menu

Double Vodka (50ml)

- Woman - Nightlife Calories
  - 7 Alcopops 1400 & Kebab n’ Chips 1000
  - Total calories 2400
  - Daily Requirement 2500

Single Cream (50ml)

- Weight Gain
  - Over a year equates to over Two Stone
  - Dancing for one hour “can” burn 300 calories
Measures to Keep Violent People Out

- Taxi Marshalls
  - Prevent violence at transport loading points

- Pub Watch
  - Banned from one, banned from all

- Anti-Social Behaviour Orders
  - Violent offenders banned from nightlife areas

- Penalty Notices for Disorder
  - Reduce police paperwork

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**Bottle bully banned from city clubland**

Female victim needed 11 stitches after glass attack

**by GARY STEWART**

A VIOLENT thug who smashed a glass bottle over a woman's head was banned from Liverpool city centre.

Christopher Edwards, of Grove Way in the city centre, was jailed for attacking two women in Magnet Bar on Hardman Street.

The 30-year-old was joined by Colin Smith, 26, as he beat up the two defenceless women at the popular night spot.

Smith, of Dainforth Gardens, was sentenced to 12 months in jail alongside him in the dock.

Liverpool crown court heard how the pair attacked the unprovoked attack in December 2006, leaving one of the women needing 11 stitches and the other needing 60 stitches.

Edwards was locked up for 15 months after admitting his part in the assault, in court in December, while Smith was sentenced to 30 months.

This week Edwards was also banned from the area where most of the Liverpool's night life goes on after police successfully lobbied for a two-year Criminal Anti-Social Behaviour Order (CABO).

He is banned from being in the area bounded by and including Hardman Street, Bold Street.

Edwards faces a jail term of up to five years, a fine, or both, if he is caught in the area he is banned from resulting in one victim receiving 11 stitches to a head wound.

'It is important that we
When and where crime committed vs Where the perpetrator lives and grew up?
Assault attendances Accident and Emergency Services across England 2008-2011

By age 13, females from deprived communities exceed the peak level of female presentations in affluent areas (aged 20 years).

Bellis et al. BMC Public Health 2012, 12:746
ACE Study

- Adverse Childhood Experiences (USA)

- Experiences before age 18
  - Abuse:
    - Physical, sexual, emotional
  - Neglect:
    - Physical, emotional
  - Household Dysfunction:
    - Mother treated violently
    - **Household substance abuse**
    - Household mental illness
    - Parental separation / divorce
    - Incarcerated household member

\( n=17,000 \) Felitti et al, 1998; Anda et al, 2006
Increased risk (adjusted odds ratio) of having health behaviours and conditions in adulthood for individuals experiencing four or more ACEs in childhood.

Alcoholism $\times 7.2$

Illicit drug use $\times 4.5$

Perpetrating partner violence $\times 5.5$

Felitti et al, 1998; Anda et al, 2006
Early Life Interventions

E.g. Nurse Family Partnership

- **Low-income** first time mothers
- **Nurse Home Visits** (early pregnancy - 2yrs)
  - Health behaviours (mother/child)
  - Child care skills
  - Maternal personal development
- **Child Maltreatment** (single teen mothers)
  - 0-2yrs (4% cases, 19% controls)
- **Reduced serious offences**
  - By age 15 years, (12% cases, 28% controls)
- **Saved $2.88 per $ invested** (crime, education, drug abuse, child abuse, teen pregnancy, and public assistance)
- **Core elements necessary for countries with Universal care?**

(Olds et al 1997; Eckenrode et al 2010)
Range of Options

- Environmental Management
- Early Life Support
  - Pre-school enrichment, Life Skills Training
- Limiting Alcohol Sales Times
  - Australia, closing time 5am → 3am
  - Assaults ↓ 1/3
- Density
  - On & off license density linked to violence
- Increasing Prices
  - Minimum price 50p/unit
  - Reduce violence 2.1% (10,300 /yr)

Drunk for a Pound, Dead Drunk for Twopence

Average Earning Index

- **Drunk**
- 1d in 1751 = £6.08p now
- **Dead Drunk**
- 2d in 1751 = £12.17p

12 litres of cider & a bottle of wine
64 units of alcohol

- Cost to UK estimated at £29 Billion or £1,600 per family
- Cheap for who?
City Action 1906
Abuse of Alcohol and its Consequences

The City Council desires most urgency to call the attention of the citizens to the following facts:

Rum or other spirits in the early morning are injurious. Beer, wine or spirits should never be given to children or to infants.

The habit of drinking to excess leads to the ruin of the families, disgust for work, poverty, misery, theft and crime.

Thousands of instances of cruelty to children occur annually in this City from the neglect and brutality of parents, often reduced to poverty through wasting their money on drink.

Alcohol is not in any sense a food, nor does it nourish the body in any way.
Nightlife can be an important element in well-being
Serving drunk individuals is illegal. Enforce the law
Moderated nightlife could make more money from a mixed economy – Move away from drunken monoculture
Heavy drinking sessions have broad often hidden consequences; rape, child abuse, domestic violence, education, long term health – Let the public know
Health and social services can help individuals develop a lower propensity for violence and in doing so improve a range of health objectives (e.g. substance use)
Minimum Unit price will help reduce home and public drinking harms.
Cities can flourish on a reputation for a safe, exciting nightlife – What reputation does UK nightlife currently have?
Club Health San Francisco 2013
THE 8TH INTERNATIONAL CONFERENCE ON NIGHTLIFE, SUBSTANCE USE AND RELATED HEALTH ISSUES

WHEN: May 28-30, 2013
WHERE: InterContinental Mark Hopkins Hotel

www.clubhealthsf2013.org
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with thanks to Karen Hughes