





Burn Injury

Ken Dunn Burn and Plastic Surgeon

The International Burn Injury Database

News Software News Burn Injury Database (iBID) Burn Standards Downloads

search.

Home

Main Menu

- > Home
- > News
- > int. Burn Injury Database (iBID)
- > iBID Software
- > Burn Standards
- > Downloads
- > Contact Us
- > Search
- Links

iBID Login

Username

Home

Site Specific Reports Mar 2014

The latest analysis of site specific reports has now been uploaded and are ready t under your site specific log-in details. These log-in details are available from your Bu of a site specific password, or specific access rights using a registered name and pas

These reports are from the new iBID software, which has successfully be Services. The data from Wales is currently in the old format, but plans are The reports are based on some of the the original templates in use over re number in line with feedback. The plan is to put in place a far more co reporting tools, configurable by the user.

Some general reports are accessible to non-registered / public users. The design of under way and drafts have been circulated to stakeholders for comment. It is expe the Burn Care Informatics Group will consider when and how to publish these.

Please take a look and suggest any changes that might be helpful. . .

Any identified problems will be dealt with according to cause - some will be local a service with support from the Burns Network Manager, while others may represent (from the iBID team centrally.



HOME ABOUT THE BBA NEWS & EVENTS PREVENTION

MEMBERS AREA



Home About Prevention Rehabilitation

A Burn Injury is For Life



In Brief



- minutes after being poured.

 Over 50% of children admitted to hospital have
- been burnt by hot drinks.
- Burns and scalding accidents often require extensive skin grafting and plastic surgery over several years. Read more



BRITISH BURN ASSOCIATION

Founded in 1968, the British Burn Association is a non-profit charity concerned with all aspects of burn care

Welcome to the BBA

The BBA is a non-profit making organisation whose membership is made up of those people interested in taking forward the Aims of the Association which are burn prevention, and the propagation of knowledge on the best treatment and rehabilitation following a burn injury.

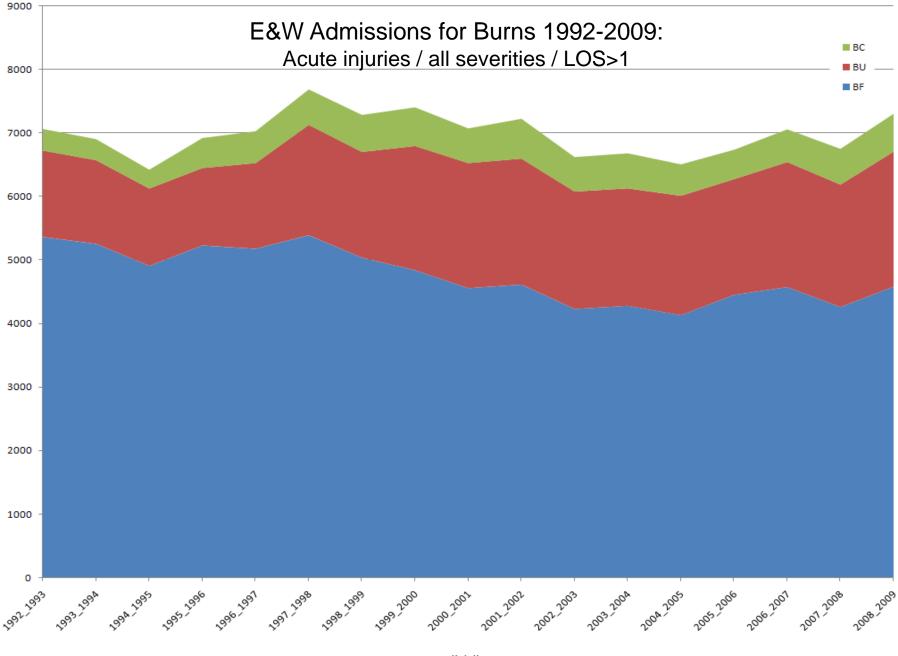
BBA Annual Meeting 2015

20th - 22nd May 2015

To be held at the Warwickshire County Cricket Club, Edgbaston Stadium, Edgbaston Road,







 \equiv

There is no 'cure' for a burn

The only logical action is prevention

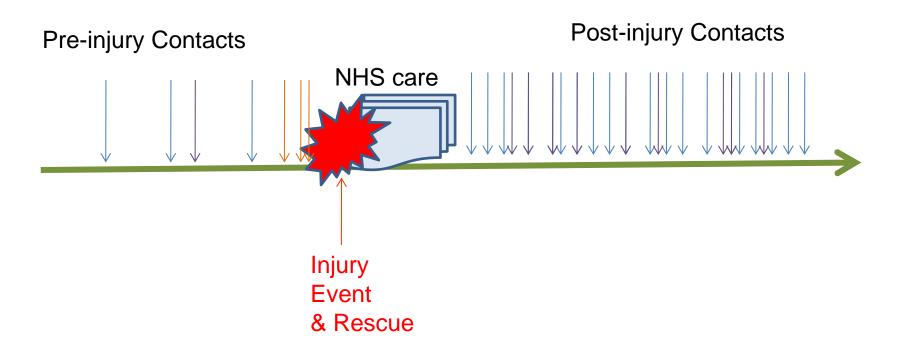
Incorporate work from the Manchester Burns Research Group looking at –

Burn Injury and Care

- how much and how bad?
- -what are the costs and consequences?
 - how best to prevent it?



Contact types Social Services Mental Health





Hospital Based Care: England and Wales

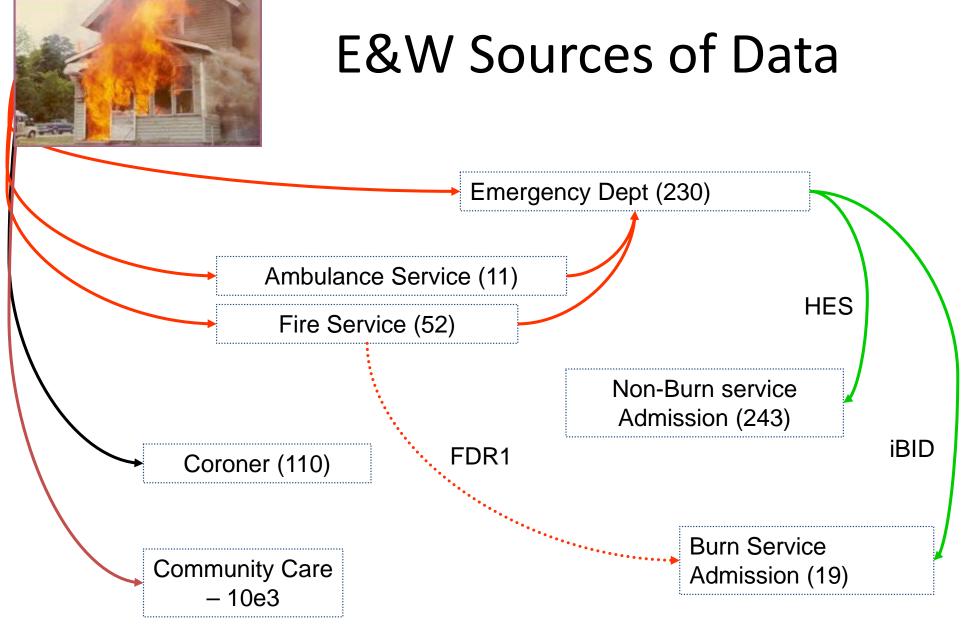
220 A&E Departments

280 NHS Hospitals

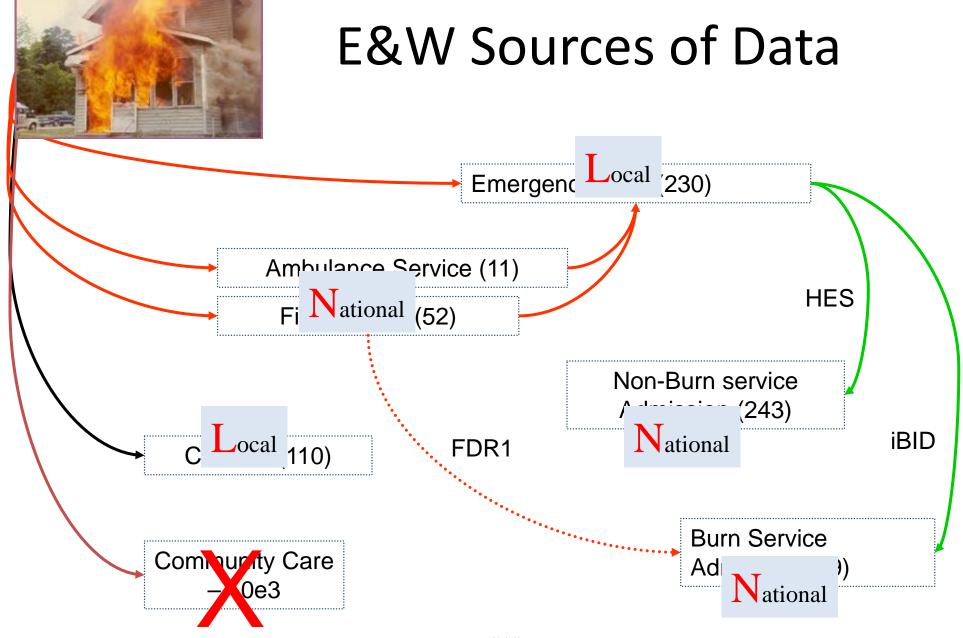
18 Specialised Burn Services

• 10 Plastic Surgery Depts with burn care









www.ibidb.org



Key Sources

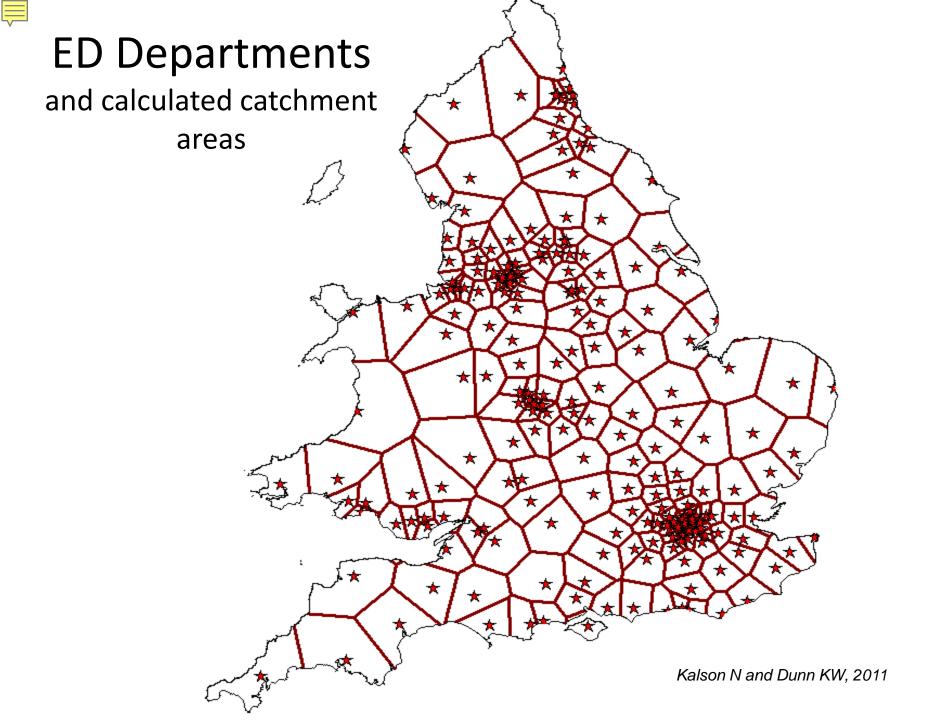




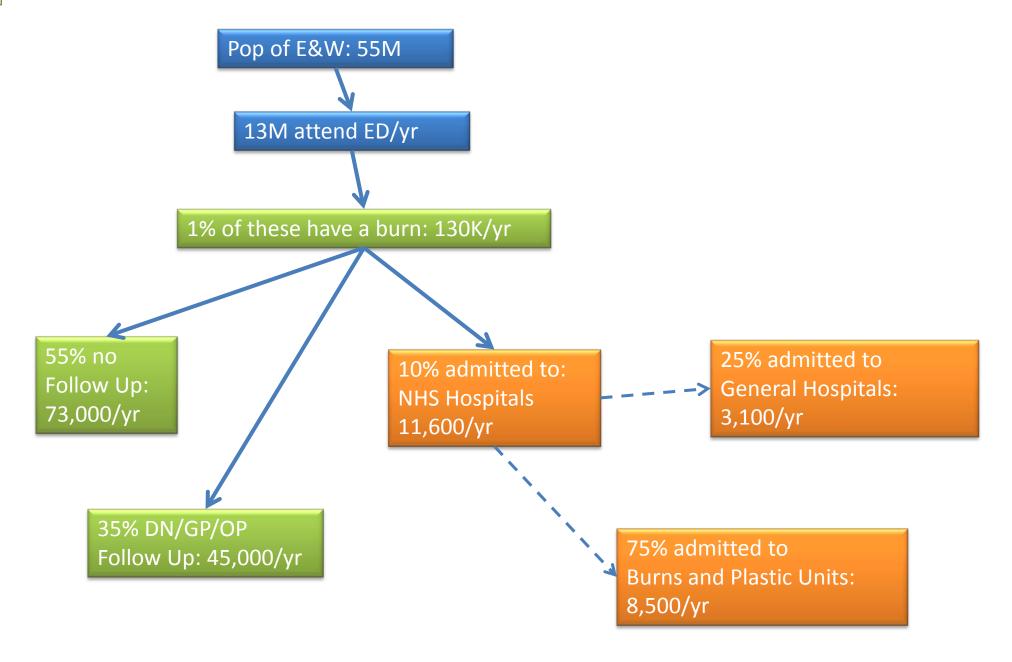
2 phase study

- Grt Manchester
 - All local sources of data for 6 years
 - Evaluate their importance
 - Use as a phase 1estimate of the national problem

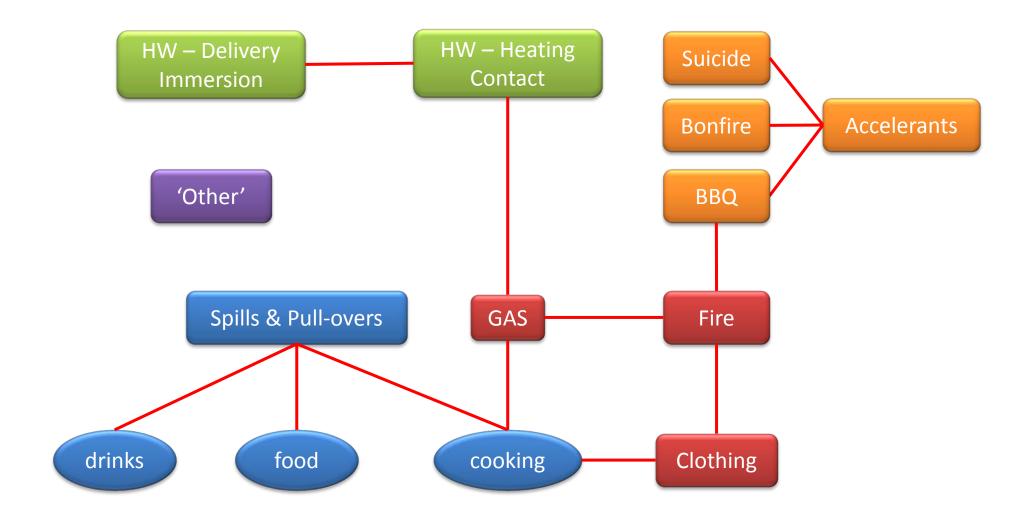
- National for E&W
 - Use all national sources of data 4 years
 - Account for the important sources that are NOT national or not yet available











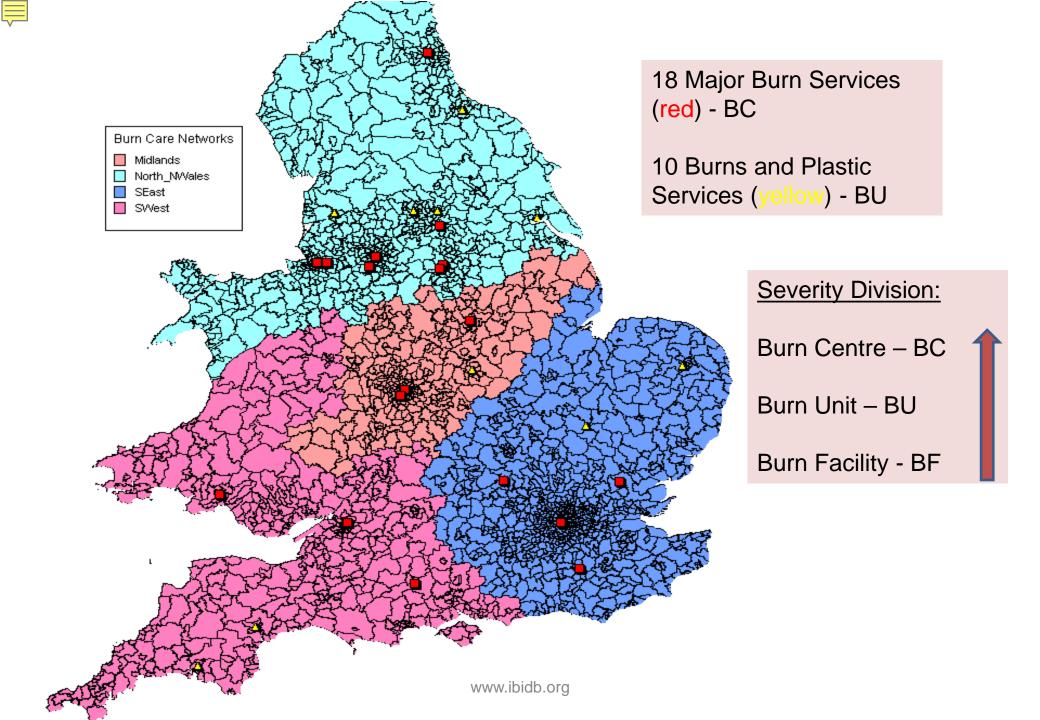


Emergency Dept burn injuries

Em.Depts 2013	_child	adult	elderly	
Accelerant	1596	11802	1135	14533
Contact	16323	16844	2055	35223
Fire	611	6512	535	7658
HWSystem	3011	2193	664	5868
Other	2468	9406	1199	13072
Spill	15995	24102	4839	44935
Grand Total	40004	70859	10427	121290

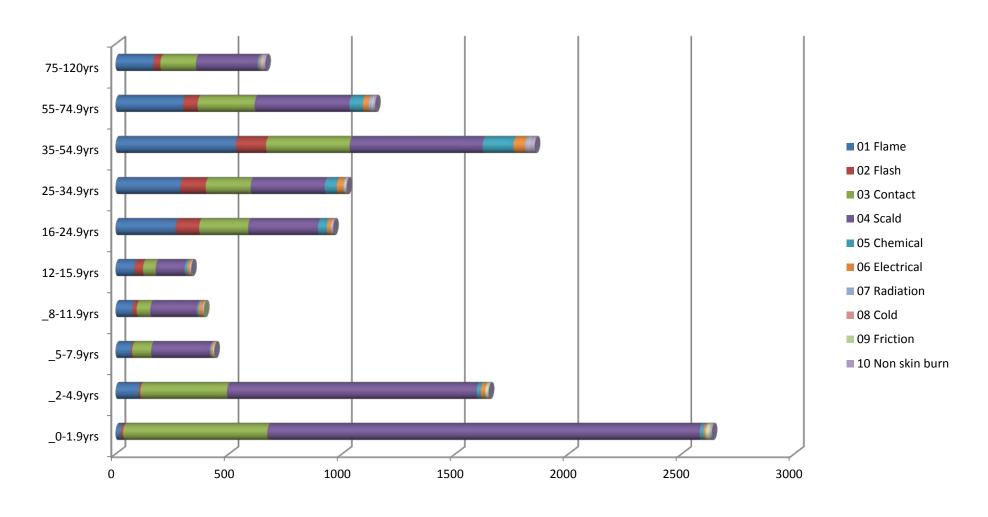
Cases in 2013

Em.Dept cases per day	_child	adult	elderly	
Accelerant	4	32	3	40
Contact	45	46	6	96
Fire	2	18	1	21
HWSystem	8	6	2	16
Other	7	26	3	36
Spill	66	128	15	209
Grand Total	131	256	31	418



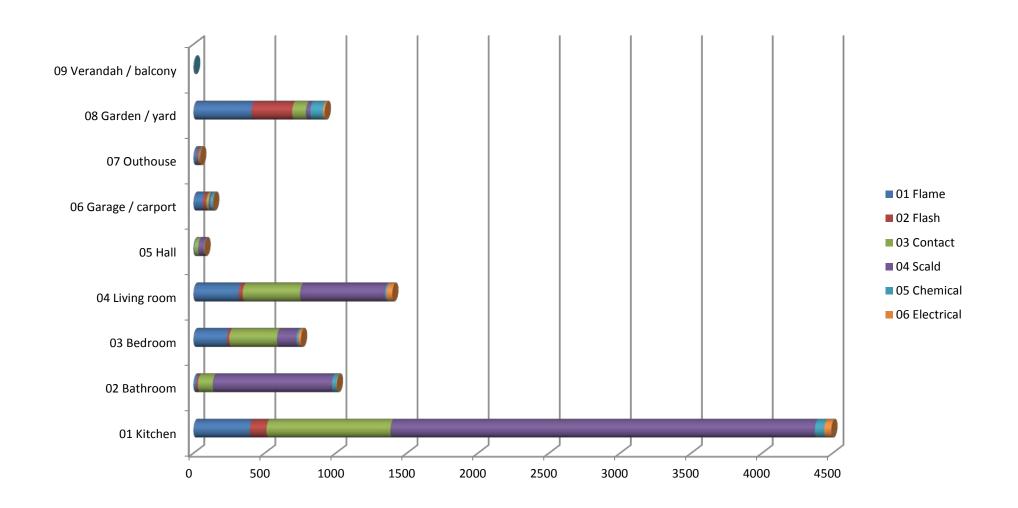


Age_Type of injury



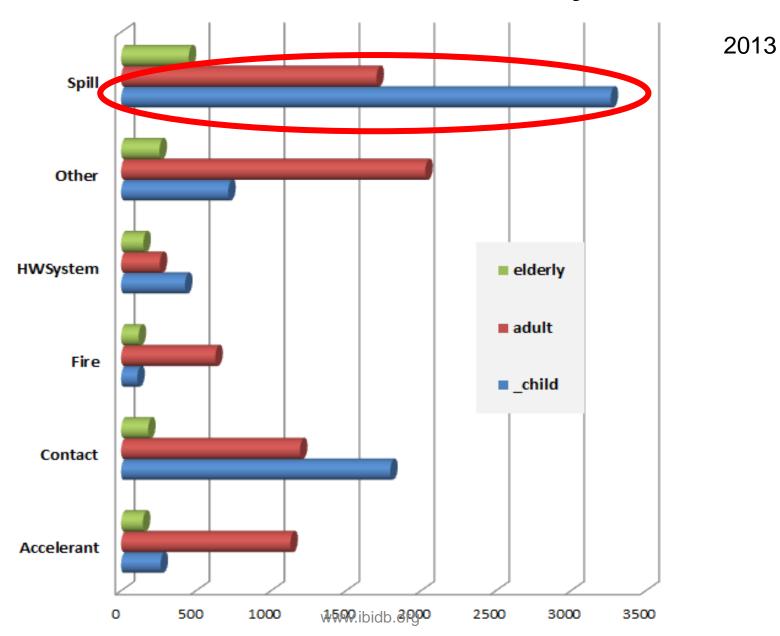


Place_Type of Injury



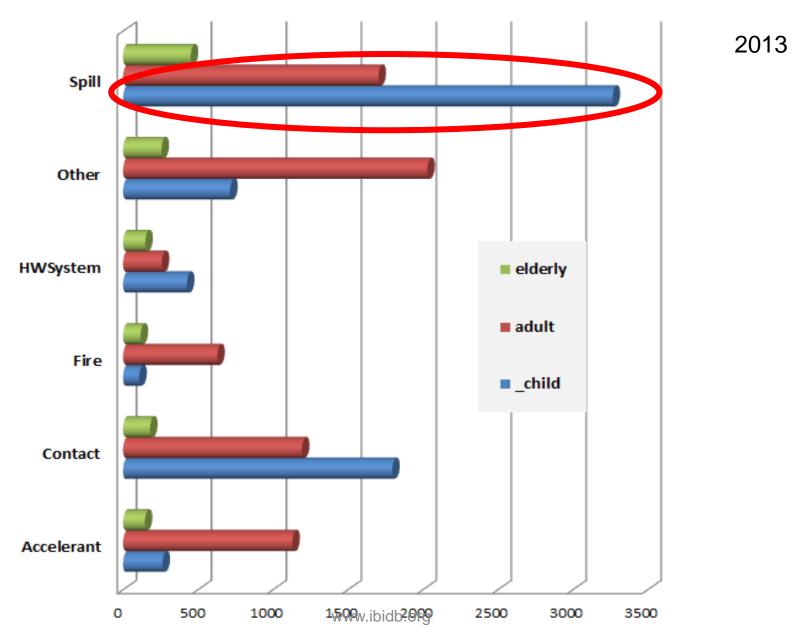


Number of Burn Service injuries



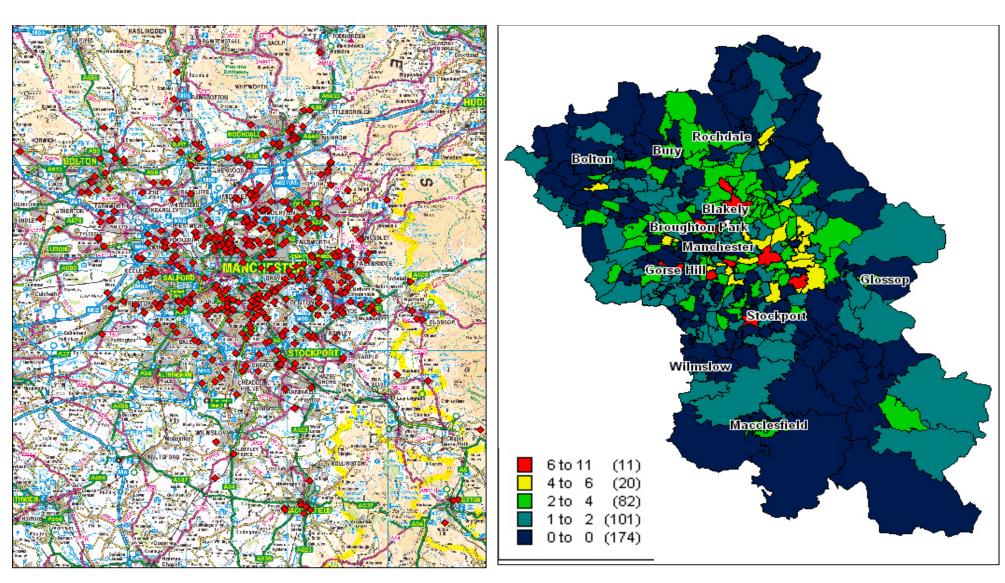


Number of Burn Service injuries





Injuries from Hot Beverages

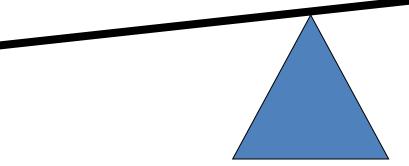




Prevention cost / life balance

Cost of Prevention to save a life (or prevent an injury)

Cost of a life lost (or of a life saved)





Injury Costs

Current 'Top Cost' case: £234K

Incident costs:

- Property
- Emergency services
- •Repair and Insurance

Total 1.2 M

Health Care costs

- Emergency
- Acute care
- Rehab
- Reconstruction

Community Health costs

- Recovery and rehabilitation
- Long term sickness

Societal costs

- Death
- Unemployment
- Redundancy
- Re-training



Average Cost of Burn Service injuries

2013





Average Cost of Burn Service injuries

2013





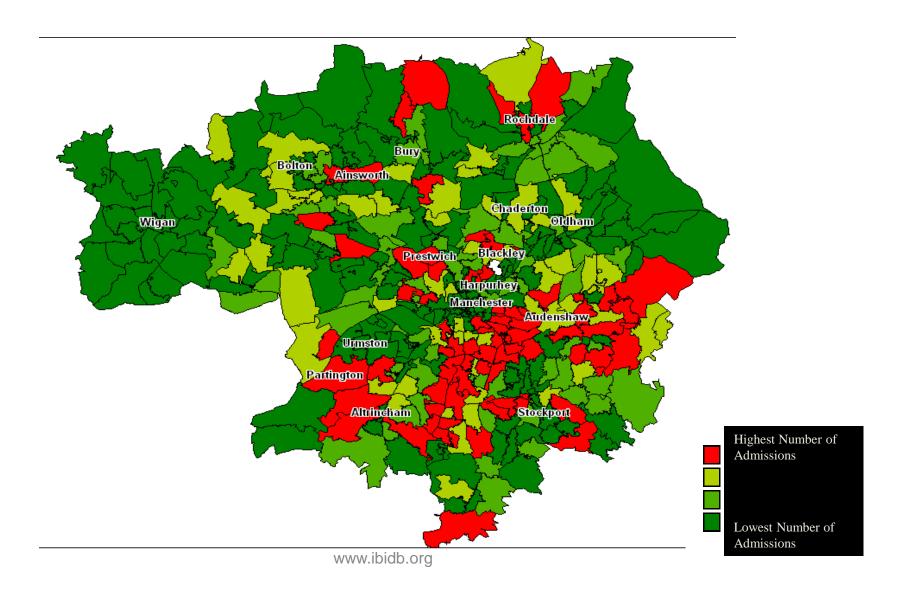
'Fire' sources of injury - 2013

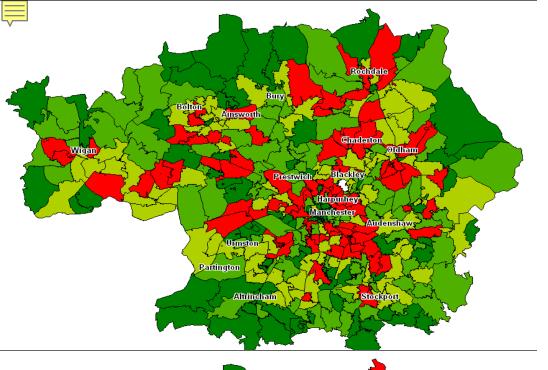
Sources	_child	adult	elderly	Grand Total
F04 Garden or bonfire	60	197	19	276
A02 Gas hob	9	75	38	122
F03 Building on fire	1	62	12	75
A08 Barbecue	9	51		60
CO1 Fat (Burning)	1	46	10	57
B05 Gas fire	13	28	8	49
A05 Oven	1	28	7	36
B09 Other heater	3	22	5	30
B01 Open coal fire	5	17	4	26
A07 Camping Stove		21		21
F05 Uncontained External Fire	2	17		19
A04 LPG (Propane) Cooker		14	3	17
A09 Other cooker	1	11	4	16
B07 LPG (Propane) Heater		9	1	10
A06 Grill	2	6		8
B02 Solid Fuel Heater		5	3	8
B06 Paraffin Heater	1	6		7
B03 Electric heater		5	2	7
A01 Solid Fuel Cooker		4	1	5
B08 Camping Heater		2		2
A03 Electric hob		1		1
B04 Coal effect fire		1		1
Grand Total	108	628	117	853

Fire and Rescue Service (FRS)

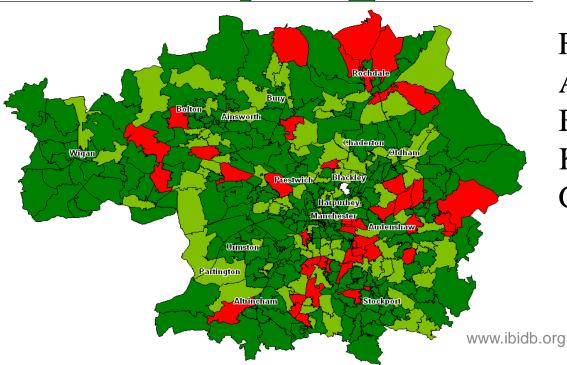


Mapped Results – Burn Unit Admissions





All Fire Related Injuries
Recorded by
GMFRS



Flame Injuries
Admitted to
Burns Unit Not
Known to
GMFRS



Results from a 6 year study period 2000-2005inc

	Cases of children/yr	child% of total cases	Cases of adults/yr	adult% of total cases
Fire Service 1st Aid	107	11.2	1123	45.9
ED	442	45.8	997	40.7
ED Admissions	413	42.7	294	12.0
All deaths	3	0.3	33	1.4
Total	966	100	2449	100

Coroners & Office of National Statistics (ONS)



Greater Manchester Coroners Data (4 offices) over 6 years

Actual	Coroner Data alone	plus Fire Service	plus Emerg Dept	plus Burn Service
Children 20	19	0	0	1 (2-all)
Adults 216	193	5	1	17 (48-all)



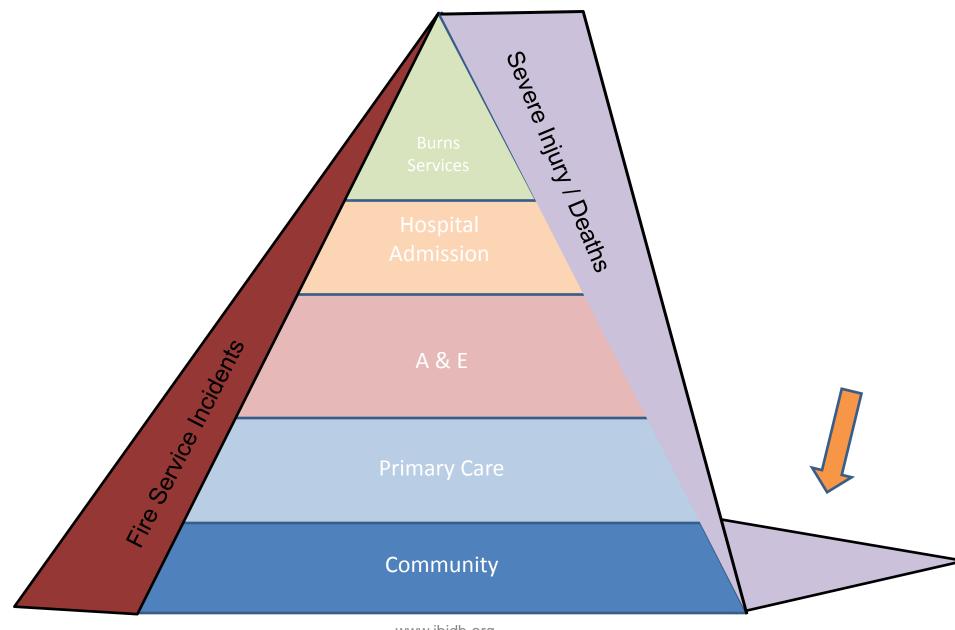
Greater Manchester Coroners Data (4 offices) over 6 years

Actual	Coroner Data alone	plus FireService	plus Emerg Dept	plus BurnService
Children 20	19	0	0	1 (2-all)
Adults 216	193	5	1	17 (48-all)

In global literature Burn Service figures are very often described as the burn injury picture for that region or country:

This is not a valid assumption

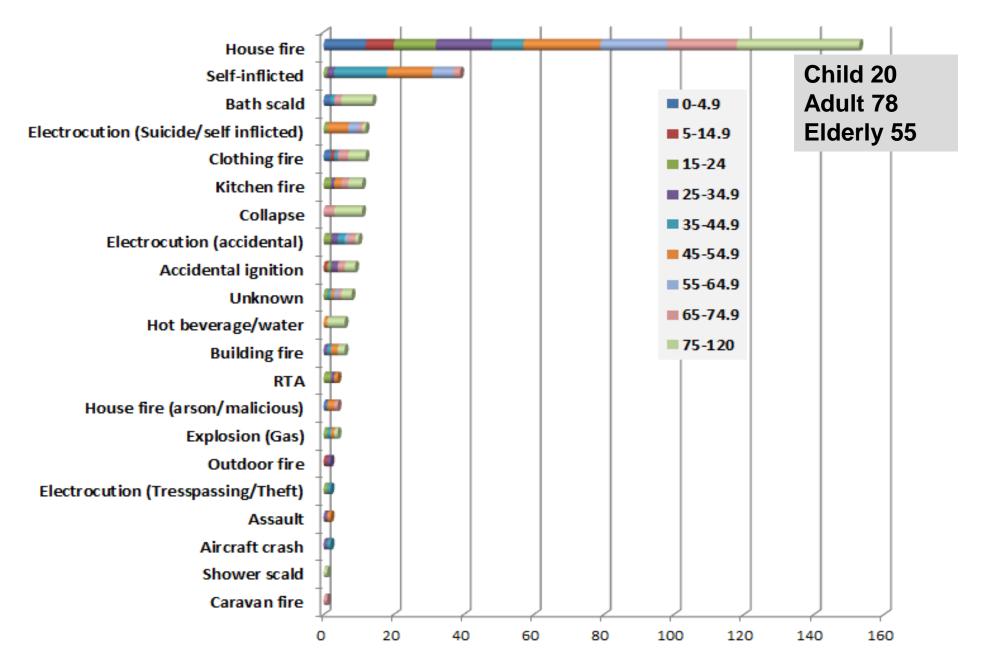




www.ibidb.org

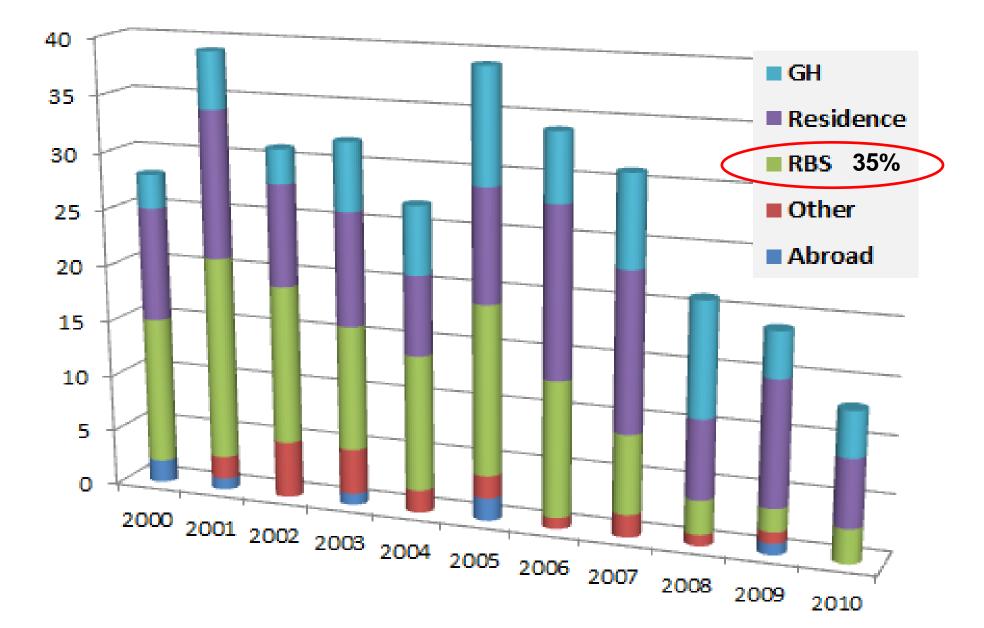


G.Manchester - Coroner reported deaths 2000-2011





G.Manchester - Coroner reported deaths 2000-2011





Methods of Prevention

Method: Issue:

Legislation: ➤ Targeting

Regulation: Enforcement

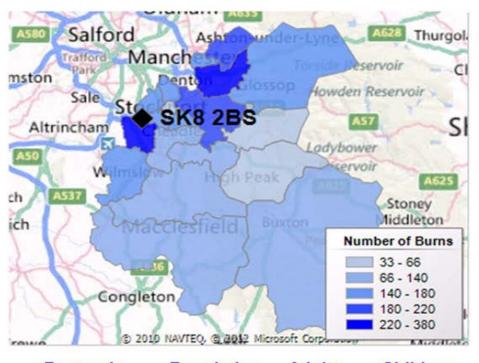
Persuasion: > Method



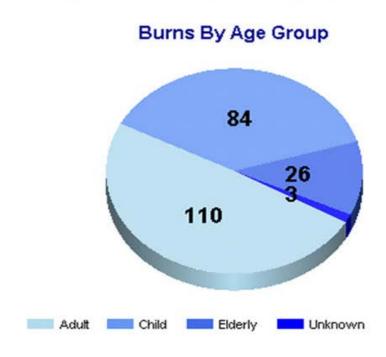
www.CBTrust.com/reports

SK8

In postcode district SK8 there have been 223 burns recorded. Out of these burns 130 are accidental, 12 are not accidental and 81 are Unknown. There are 3.96 burns recorded for every thousand people.

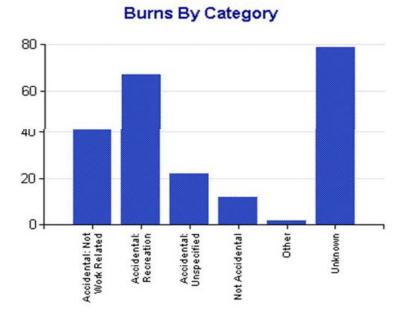


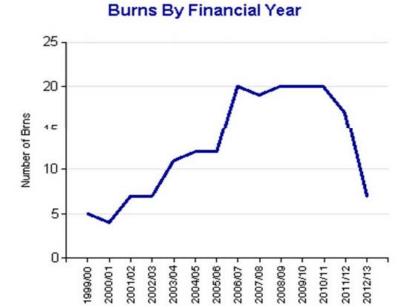
Postcode	Population	Adults	Children
SK8	56253	46610	11264



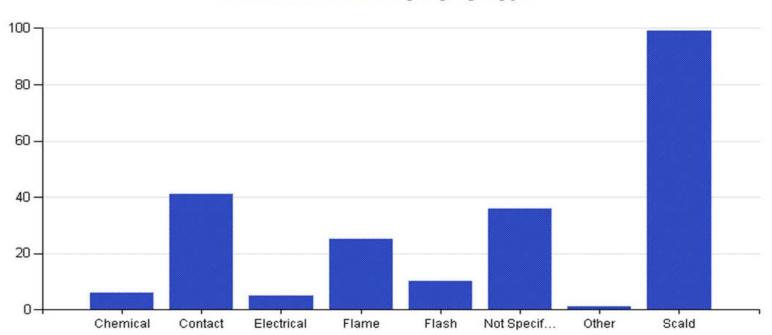
Burns Per Thousand		
8.38		
8.13		
7.54		
5.95		
5.77		







Number of Burns by Injury Type







Hot Water Burns Like Fire

A campaign to stop scalding by hot water from your taps and showers

Home

About the Campaign

For Families

For Kids

For Professionals

Links

Hot News

Jargon

Contact





What to do?

- Keep treating as best we can
 - Challenge in maintaining comprehensive services
- Keep measuring what happens
 - Fourth challenge to funding for iBID underway
 - Access to data with Care. Data etc problematic
- Refine and disseminate information
- Collaborate and share information
- Remain accurate and credible