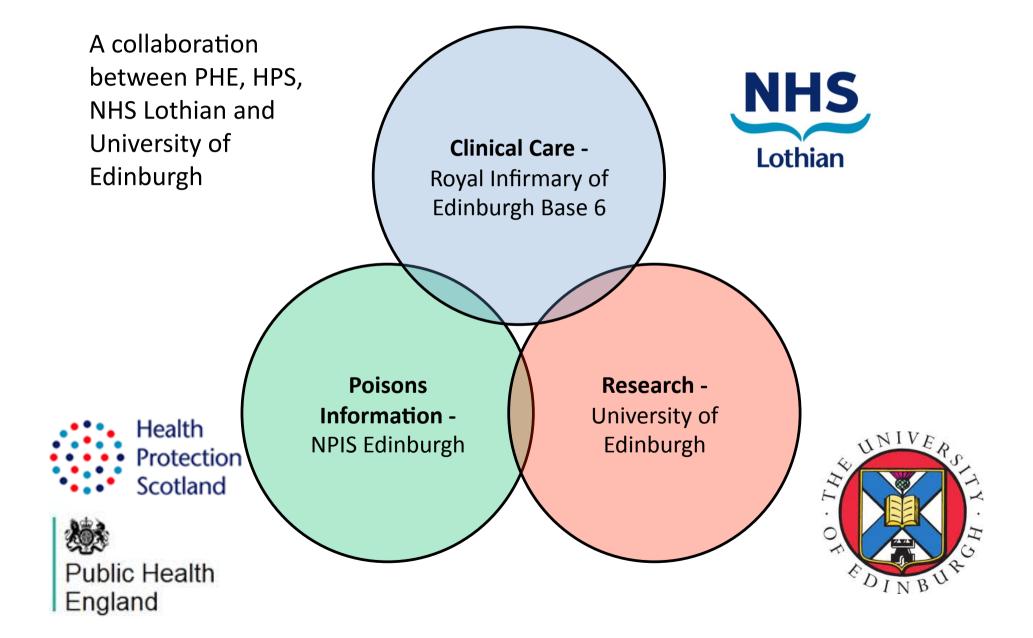
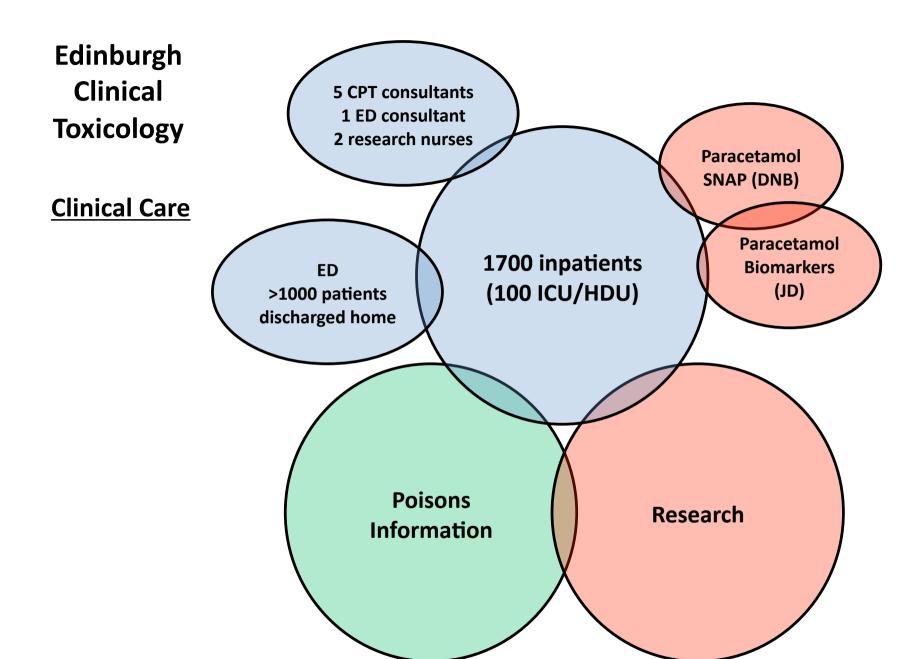
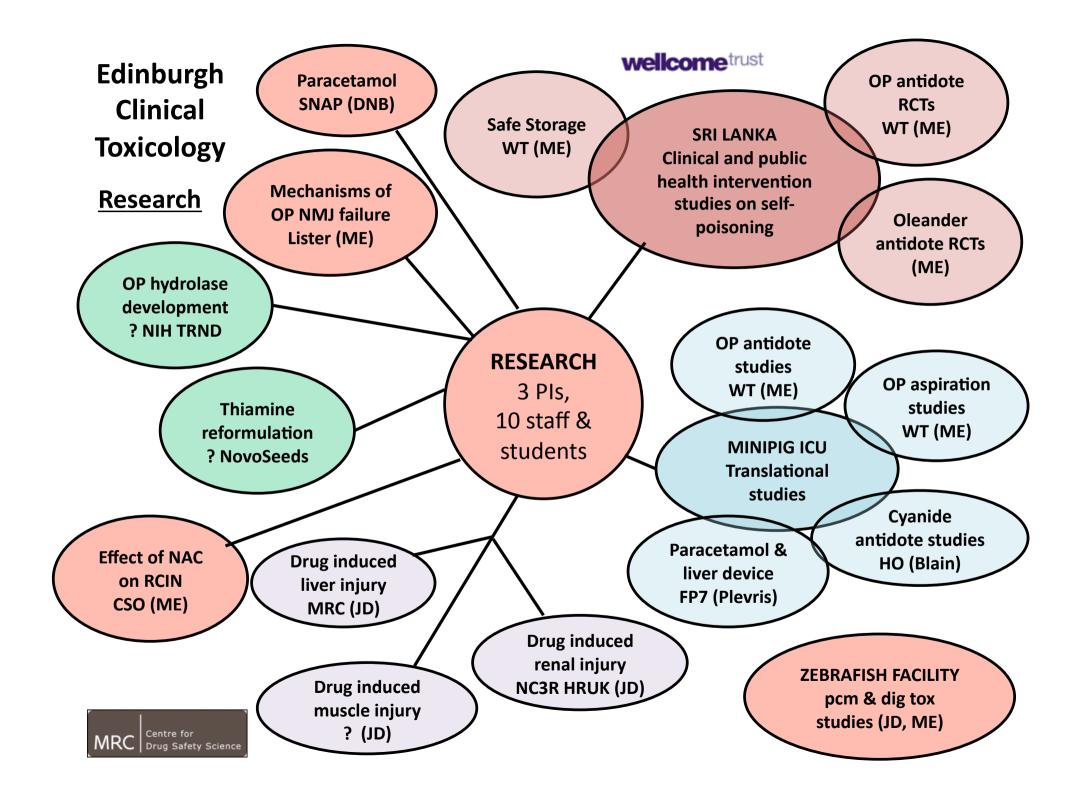
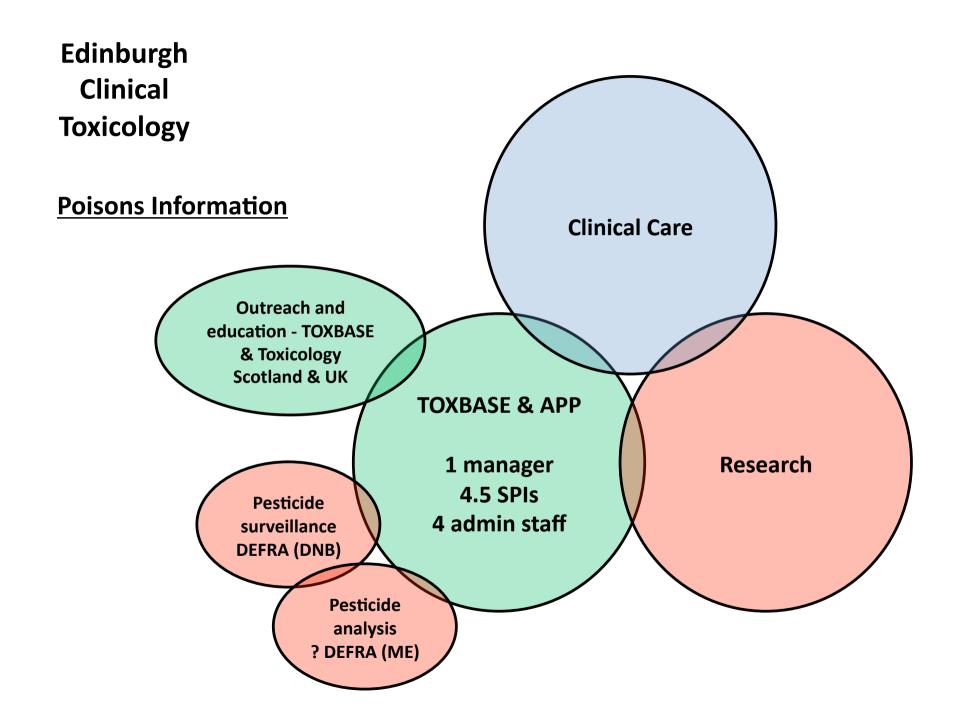
Edinburgh Clinical Toxicology









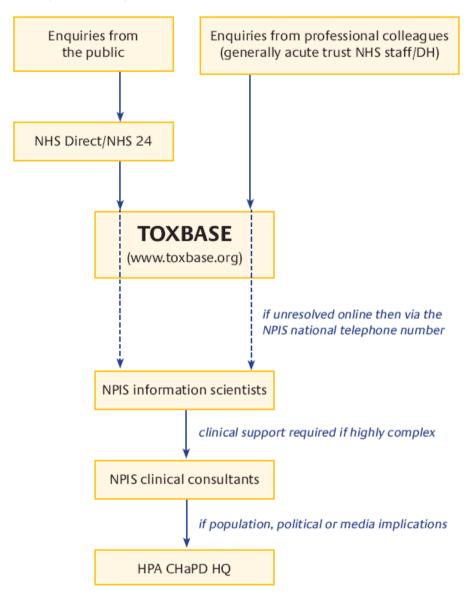
NATIONAL POISONS INFORMATION SERVICE Tel 0844 892 0111



Information provision

- Information on management of poisoning is provided to health care professionals
 - (a) directly to registered health care facilities directly via the Internet database TOXBASE, or
 - (b) via the telephone advice service: 0844 892 0111
 - more complex cases
 - where internet is not available to the enquirer
- Advice from a consultant clinical toxicologist is always available when necessary (4/16 SLOTS from Edinburgh)

How poisons enquiries are answered



Working profile of NPIS Modes of information provision

- Internet system TOXBASE (>550,000 accesses/annum to >1.3 million entries)
- Telephone information service (50,000 / annum)
- NPIS consultant clinical toxicology referrals (~1,500 / annum)
- Health Protection Agency funding jointly with NHS for consultant staff

NPIS-E Staff

- Specialists in poisons information (5 core)
 - graduate scientists (biomedical scientists, nurses, pharmacists) with additional training
- Clinical toxicologists (5; 4 with NPIS sessions)
 - medically qualified staff with additional expertise in clinical toxicology and poisoning
 - consultant medical staff in each NPIS unit
 - specialist registrars may be attached
- A&C and IT Staff (3)



UK NPIS 0844 892 0111 Ireland NPIC (01) 809 2566

mail@toxbase.org



A service commissioned by the Health Protection Agency

Welcome to TOXBASE®

The primary clinical toxicology database of the National Poisons Information Service

Login				
If you are already registered with TOXBASE please sign in: Password and username are case sensitive.				
Username Sign in				
Remember this computer				
Not registered yet? Register now!				

TOXBASE® is for health professionals only.

For members of the public contact:

In England and Wales (NHS Direct): 0845 4647

In Scotland (NHS 24): 08454 242424

Troubleshooting

If you have had difficulty in getting through to the NPIS by telephone then we will generally be aware of this and are trying to get the problem fixed. TOXBASE® should provide most of the information you require.

If you are having computer problems try clicking on the REFRESH button on your browser. If you are unable to access TOXBASE® try the backup site on www.TOXBASEbackup.org Please save this alternative address in your "favourites" or desktop.

If you are having persistent problems contact your IT department or call **0131 242 1381/1383** during office hours or e-mail mail@toxbase.org

Updated 21 April 2011

NPIS Services

About the NPIS TOXBASE®

<u>Telephone enquiries to the NPIS</u>
<u>Laboratory tests and antidotes</u>
Poisoning statistics

The information on TOXBASE® is designed for healthcare professionals and may require expert clincial interpretation in complex cases. In this event you should discuss your case with your poisons service:

In the UK: NPIS **0844 892 0111** In Ireland: NPIC **(01) 809 2566**

Information provided by users during telephone enquiries to NPIS or from

TOXBASE® questionnaires is shared between units for the purposes of managing individual patient episodes and for routine surveillance purposes.

Callers/TOXBASE® users are informed that they should be aware that information that they provide may be seen by other NPIS units and used in this way.



TOXBASE user on Viewdata



UK NPIS 0844 892 0111
Ireland NPIC (01) 809 2566
mail@toxbase.org

Search	
Enter word	Search



A service commissioned by the Health Protection Agency

News General Info Specialist areas Chemicals Poisons Index A-Z Dosage Calculator

Advanced Search | Need help searching

Scheduled TOXBASE maintenance More information here

Welcome to TOXBASE®

The primary clinical toxicology database of the National Poisons Information Service

Every effort has been made to ensure that this database is accurate and upto-date. However it cannot cover every eventuality and the information providers cannot be held responsible for any adverse effects of the measures recommended.

The information on TOXBASE® is designed for healthcare professionals and may require expert clinical interpretation in complex cases. In this event you should discuss the case with your poisons service: in the UK NPIS 0844 892 0111, in Ireland NPIC (01) 809 2566.

Newsflashes

13/4/2011

19 and 20 April 2011

On Wednesday 20 April the main TOXBASE site will be unavailable from 10.00 AM for approximately 2 hours. Users should be forwarded to the backup site automatically.

In addition, on Tuesday 19 April the backup site will be unavailable from 10.00 AM for approximately 2 hours. The main TOXBASE site will be unaffected.

Poisons information will, of course, remain available by contacting your local poisons information service: in the UK NPIS 0844 892 0111, in Ireland NPIC (01) 809 2566.

We apologise in advance for any problems.

28/3/2011

Cases of seriously ill patients after taking potentially contaminated heroin have been reported in the Bournemouth and Poole area. <u>Click here for further information</u>

Health professionals concerned about individual patients should discuss with their local poisons information service: in the UK NPIS 0844 892

Updated 21 April 2011

NPIS Services
About the NPIS
TOXBASE®

Telephone enquiries to the NPIS
Laboratory tests and antidotes
Poisoning statistics

The information on TOXBASE® is designed for healthcare professionals and may require expert clincial interpretation in complex cases. In this event you should discuss your case with your poisons service:

In the UK: NPIS **0844 892 0111** In Ireland: NPIC **(01) 809 2566**

Information provided by users during telephone enquiries to NPIS or from

TOXBASE® questionnaires is shared between units for the purposes of managing individual patient episodes and for routine surveillance purposes.

Callers/TOXBASE® users are informed that they should be aware that information that they provide may be seen by other NPIS units and used in this way.

www.TOXBASE.org



Search

Product search

Advanced search

For help with searching click here



A service commissioned by the Health Protection

General Info Specialist areas Chemicals Poisons Index A-Z Dosage Calculator News

Amitriptyline

Updated 8/2006*

Printable version

Type of Product

Tricyclic antidepressant. Used primarily for the treatment of depression. Other uses include treatment of neuropathic pain and nocturnal enuresis in children.

Ingredients

Amitriptyline

Tablets - 10 mg, 25 mg, 50 mg Mixture - 10 mg/5 mL, 25 mg/5mL

Toxicity

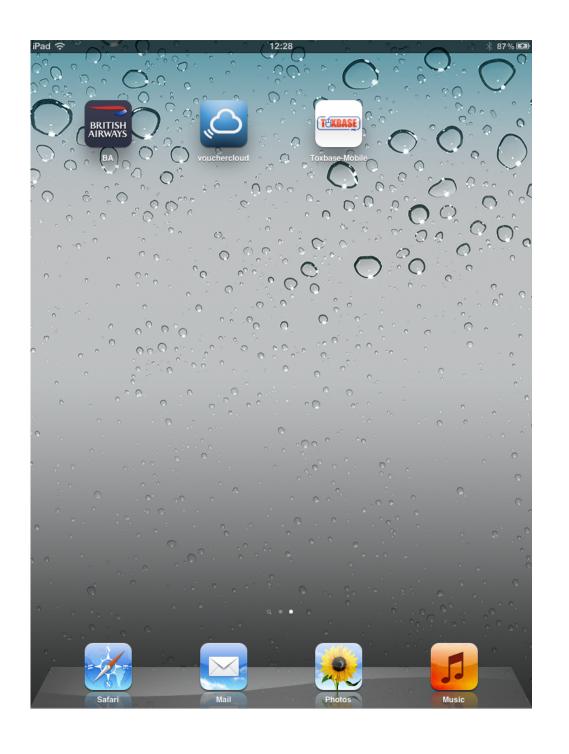
Tricyclic antidepressants are very toxic by ingestion. Normally ingestion of 15 mg/kg would be expected to result in serious, potentially life-threatening symptoms. Children who have ingested <5 mg/kg developed no or minor effects (Rosenbaum 2005; Mc Fee 2001; Spiller 2003). Fatalities have occurred at doses >15 mg/kg.

NHS Direct / NHS 24 / Primary Care

Children < 6 years should be assessed by a physician following ingestion of any amount.

Children > 6 years or older and adults who are symptomatic OR who have ingested >5 mg/kg of tricyclic antidepressant should be reviewed by a physician.

Children > 6 years or older who have accidentally ingested < 5 mg/kg AND have no symptoms do not need referral to hospital if adequate supervision at home is available.



TOXBASE APP

New product (Oct 2012)

Available off-line

Costs £6.99 per year

Full database (17000 entries) for NHS staff Limited database for others

iPhone & iPad done Android soon

iPad 🕤 12:29 🔻 87 % 🖼



User name
Password

Login

Not registered yet? Register now.

Forgotten password





11/01/2013

Harmful effects after taking a legal high thought to be "2C-B" - adults have been admitted to a hospital in Newcastle (UK).

07/01/2013

New guidance for the management of paracetamol poisoning in the Republic of Irela...

10/12/2012

Irish Medicines Board advises consumers not to use Equyfiam Cream

03/12/2012

MHRA advises consumers not to use Shark Essence, a herbal product used to treat erectile dysfunction, as it contains Tadalafil and Sildenafil.

30/11/2012

The Danish medicines Agency has warned that the unlicensed product, Ultra Slim has been found to contain the withdrawn medicine Sibutramine. Consumers are advised not to use Ultra Slim.

30/11/2012

Health Canada has recalled Pollen Allergy now called Tongqiao Biyan Pian as it has been found to contain arsenic, chlorphenamine and paracetamol. Consumers are advised not to use Pollen Allergy now called Tongqiao Biyan Pia...

01/11/2012

NPIS Annual Report 2011-12 is now available.

24/10/2012

Vacancy - Advanced Fellowship in Clinical Toxicology

28/09/2012

Bootleg spirits contaminated with methanol in Czech Republic

19/09/2012

New license indications for intravenous acetylcysteine have been introduced by the

11/01/2013

Harmful effects after taking a legal high thought to be "2C-B" - adults have been admitted to a hospital in Newcastle (UK).

The police have reported that several adults have been admitted to a hospital in Newcastle (UK) with harmful effects after taking a legal high thought to be "2C-B". Anyone who is suspected of taking this product should seek medical advice immediately and clinicians treating patients are encouraged to discuss cases with their local poisons information service, in the UK NPIS 0844 892 0111, in Ireland NPIC (01) 809 2566. Please consult the TOXBASE entry for more information on 2C-B.

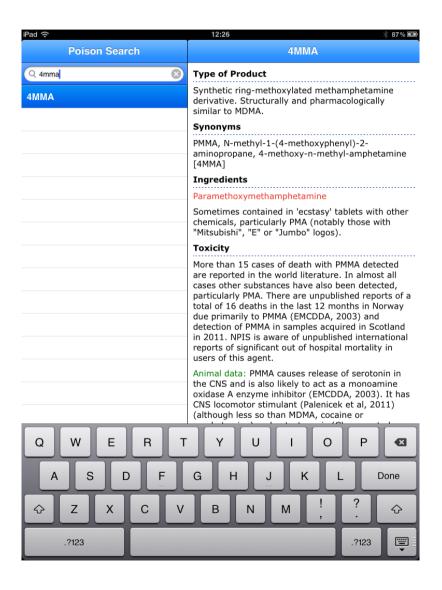














Features of poisoning

Management of poisoned patients

Mechanisms of toxicity

Information on incidents/cases involving deliberate/accidental release

Mechanisms of toxicity

The mechanisms of tissue damage are poorly understood and the predominant anatomic site of injury may vary, depending on the chemical species produced. Because of its intermediate water solubility and deeper penetration, elemental chlorine frequently causes acute damage throughout the respiratory tract.

Cellular injury is believed to result from the oxidation of functional groups in cell components, from reactions with tissue water to form hypochlorous and hydrochloric acid, and from the generation of free oxygen radicals.

Workplace Exposure Limits

UK Short Term Exposure Limit (15 minute reference period): 0.5 ppm (1.5 mg/m³).

ALERT BOX

All those exposed to this chemical should be referred for medical assessment.

If this exposure has occurred at work or in a public space consider the implications for others exposed.

Primary responders and secondary carers must consider wearing personal protective equipment (PPE).

Treating clinicians should usually discuss all cases with their local poisons information service:

in the UK NPIS 0844 892 0111, in Ireland NPIC (01) 809 2566.

Features

Features following inhalation Features following skin contact Features following eye contact

Inhalation

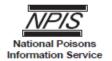
Irritation of eyes and nose with sore throat, cough, chest tightness, headache, fever, wheeze, tachycardia and confusion. Chemical pneumonitis, tachypnoea, dyspnoea and stridor due to laryngeal oedema may follow. Pulmonary oedema with increasing breathlessness, wheeze, hypoxia and cyanosis may take up to 36 hours to develop.













National Poisons Information Service

Annual Report 2009/2010 and Five Year Review



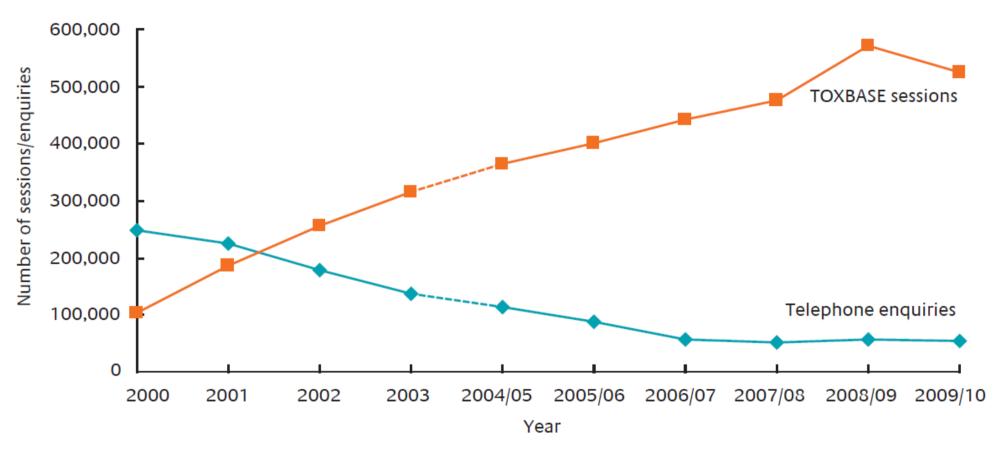


FIGURE 3.1 Telephone enquiries and TOXBASE sessions from 2000 to 2009/10 (data for 2000–2003 by calendar year; subsequent years by financial year)

TABLE 3.4 Pharmaceutical agents: top TOXBASE accesses by UK, Republic of Ireland and overseas users in 2009/10

	UK		Republic of Ireland		Overseas			
Rank	Agent	Number of accesses (% of total)	Agent	Number of accesses (% of total)	Agent	Number of accesses (% of total)		
1	Paracetamol*	71,652 (6.3%)	Paracetamol*	1,810 (6.6%)	Paracetamol*	615 (3.6%)		
2	Ibuprofen	42,726 (3.7%)	Ibuprofen	888 (3.2%)	Ibuprofen	325 (1.9%)		
3	Codeine [†]	25,573 (2.2%)	Codeine [†]	731 (2.7%)	Quetiapine	273 (1.6%)		
4	Salicylates [‡]	25,452 (2.2%)	Diazepam	690 (2.5%)	Carbamazepine	268 (1.6%)		
5	Citalopram	22,483 (2%)	Salicylates [‡]	619 (2.3%)	Amitriptyline	263 (1.5%)		
6	Diazepam	20,646 (1.8%)	Zopiclone	604 (2.2%)	Salicylates [‡]	242 (1.4%)		
7	Fluoxetine	18,227 (1.6%)	Escitalopram	520 (1.9%)	Sertraline	212 (1.2%)		
8	Zopiclone	17,092 (1.5%)	Venlafaxine	509 (1.9%)	Venlafaxine	212 (1.2%)		
9	Tramadol	12,435 (1%)	Alprazolam	440 (1.6%)	Diazepam	208 (1.2%)		
10	Amitriptyline	11,837 (1%)	Quetiapine	374 (1.4%)	Fluoxetine	208 (1.2%)		
* Excludes compound analgesics containing paracetamol and codeine								

[†] Includes all codeine-containing products

‡ Includes aspirin

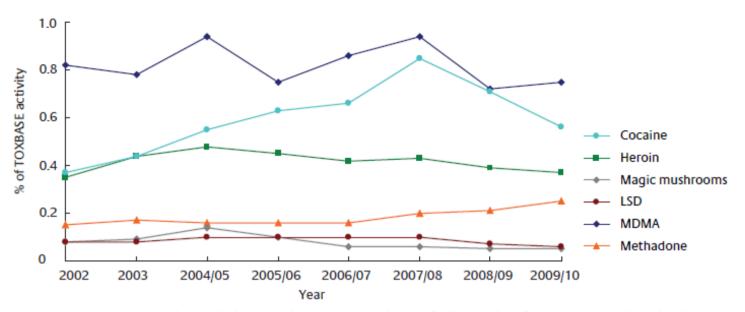


FIGURE 4.6 TOXBASE sessions relating to selected Class A drugs of misuse (data for 2002–2003 by calendar year; subsequent data by financial year)

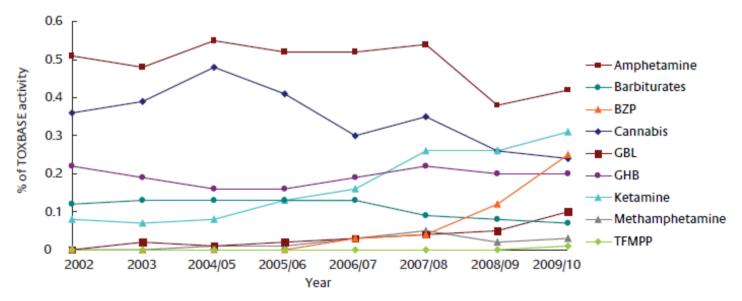
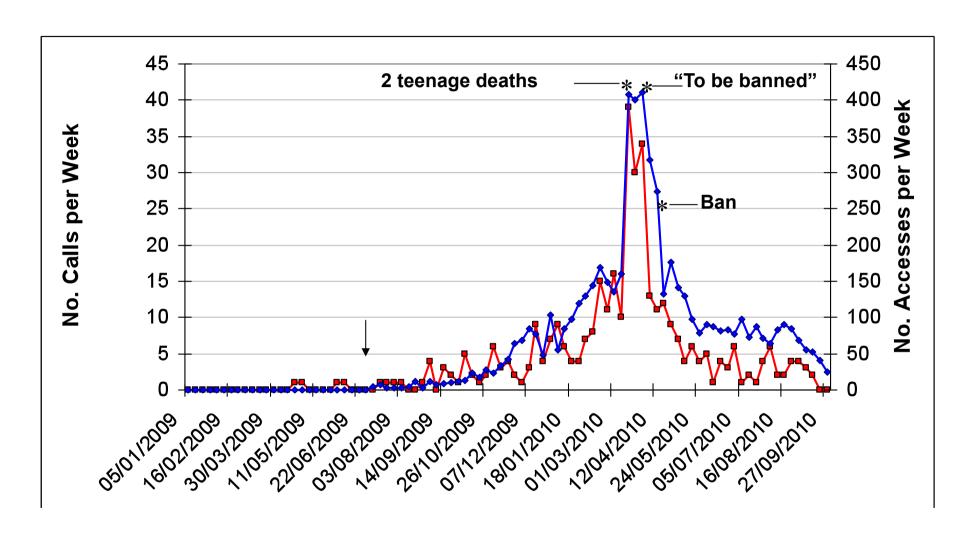


FIGURE 4.7 TOXBASE sessions relating to selected drugs of misuse other than Class A drugs (data for 2002–2003 by calendar year; subsequent data by financial year)

Mephedrone calls and accesses



Mephedrone Calls → Mephedrone Accesses

Possible replacement legal highs

Naphyrone

Naphthylpyrovalerone, AKA NRG-1, energy-1

Ivory Wave ("Bath salts")

- Reportedly MDPV, but actually found to contain desoxypipradol
- Similar to Irish headshop product "Whack"

Benzo Fury

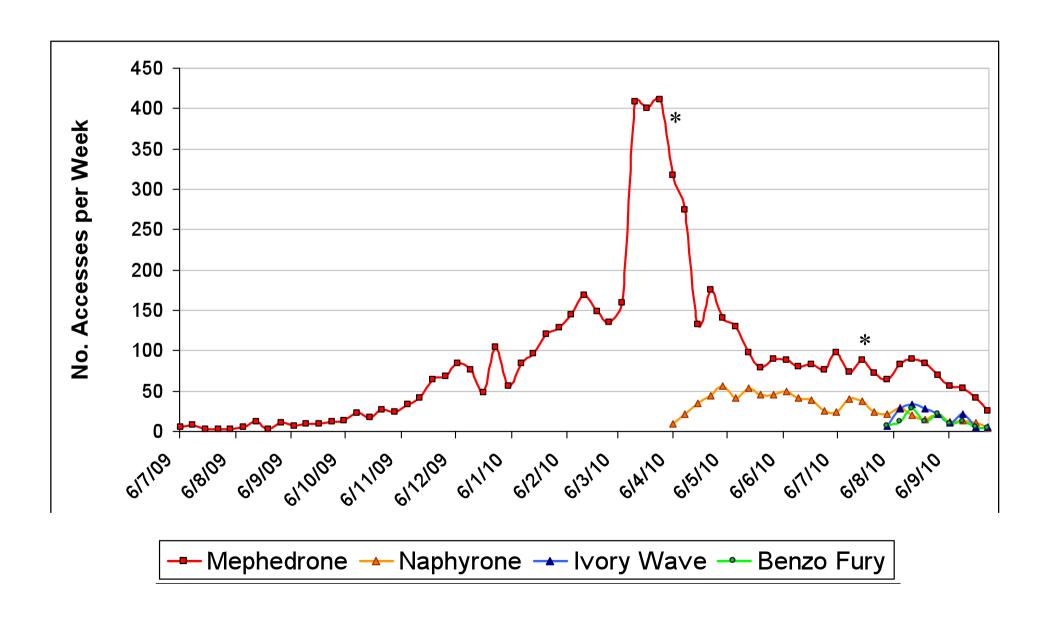
Reportedly 6-APB (analogue of methylenedioxyamphetamine)







Toxbase accesses for Legal Highs





Naphyrone

First call 13/4/2010 Bolton (BL6 6PQ)

TOXBASE entry 8/4/2010

First access 8/4/2010 Barrow-in-Furness (LA14 4LF)

Apr to Jun 2010

Naphyrone

Jul to Sep 2010

Naphyrone made illegal 23rd July 2010



Oct to Dec 2010

