



CENTRE FOR  
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RESEARCH



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## E-notifications of hazardous substances disease & injury

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# What is the issue?

## HSNO Act 1996 section 143 (amended 2005)

Requires injuries caused by hazardous substances to be reported by doctors (including GPs) to the Medical Officer of Health

.....but little GP reporting



# Examples of what should be notified

- Ingestion of cleaning products by children
- Poisoning with agrichemicals
- Illness caused by chlorine exposure
- Contact dermatitis from chemicals
- Fireworks injury
- Lead poisoning



# What is the HSDIRT?

- Hazardous
- Substances
- Disease and
- Injury
- Reporting
- Tool

Hazardous Substances Disease & Injury Reporting Tool

bestpractice  
DECISION SUPPORT FOR HEALTH PROFESSIONALS

Exposure Event Assessment Notifier / Patient Details

Send notification to Medical Officer of Health at: Public Health South

**Exposure Event**

Exposure route  Ingestion  Inhalation  Skin contact  Eye contact

Date exposure began   OR Month/Year  OR Unknown

Exposure length  < 1 day  between 1 day & 1 month  ≥1 month  Unknown

Place of exposure  Home  Workplace  School/preschool  
 Public place  Unknown  Other

Intent  Unintentional  Intentional  Unknown

Is this case known to be linked to other cases of the same exposure event  Yes  No

**Substance**

Substance category(s)  Household chemical  Agrichemical  Industrial chemical  
 Fireworks/explosive  Lead  Unknown  
 Other

Household: eg. cosmetic, dishwashing powder, fumigants / Industrial: eg. solvent, chlorine  
Agrichemical: eg. pesticide, animal remedies, spraydrift / Other: eg. asbestos, mercury, arsenic

Substance name (complete at least 1 field)

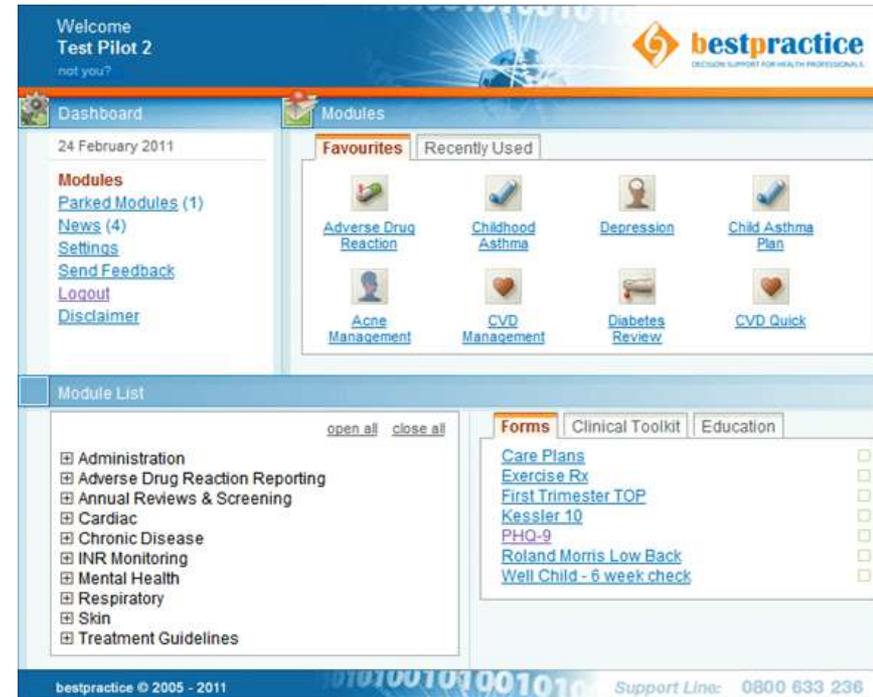
Chemical name	Product name	Common name	Unknown
e.g. sodium hypochlorite	Janola	bleach	<input type="checkbox"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Exposure Event Assessment Notifier / Patient Details

Refresh Park Cancel Submit

# Simpler reporting means better reporting

- Patient Management System gives GPs a familiar mechanism to notify
- Minimal time to complete
- Secure data transfer directly to the public health unit (PHU)
- PHU assess and decide on any further investigation

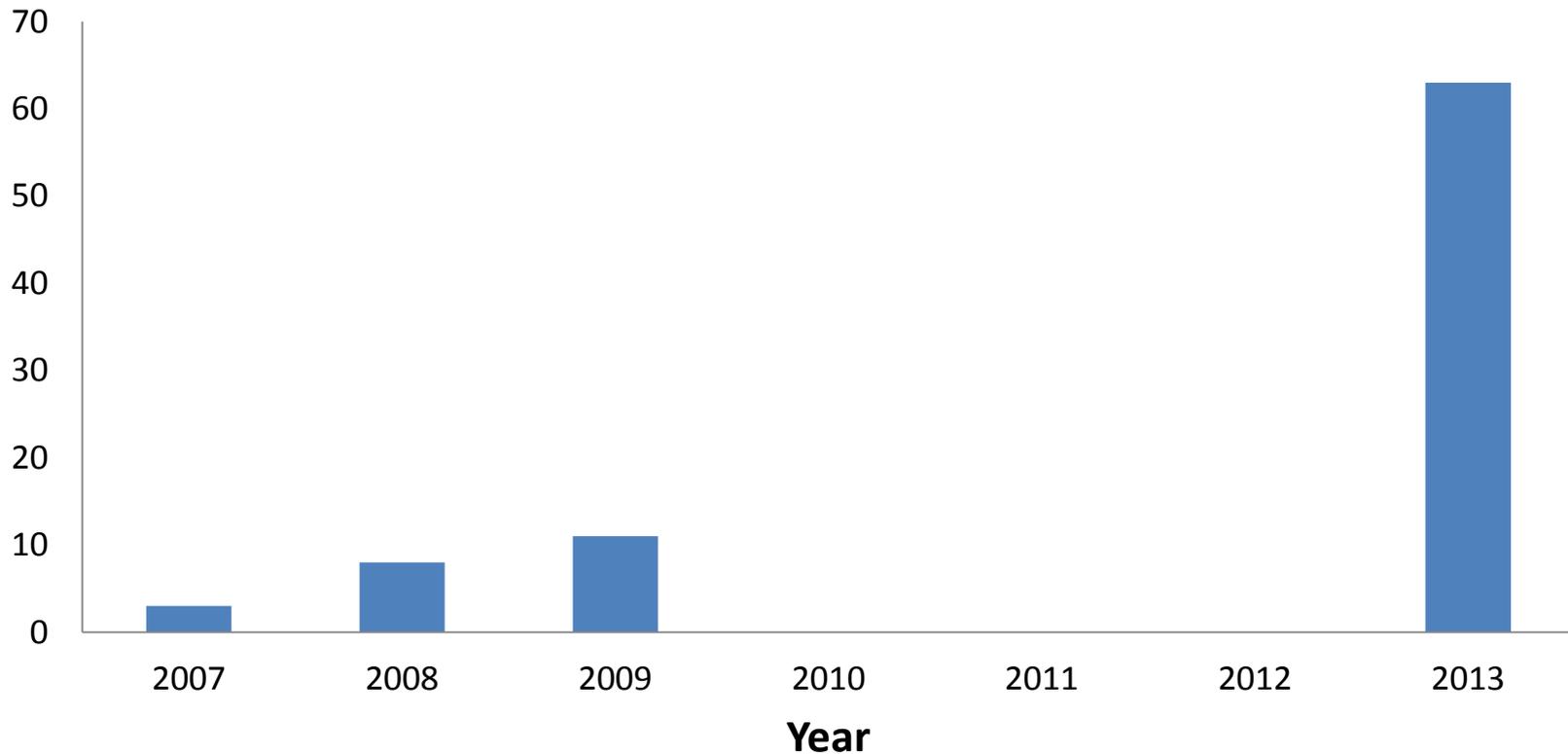


# Implementation

- 2012** An e-notification tool (HSDIRT) was developed to address reporting requirements
- 2013** National roll out. Incorporated into Patient Management Systems

# HSDIRT gaining traction

Number of notifications



# Where to from here?

**2014** Regular reporting to PHUs and the Ministry of Health

Increasing awareness and promotion of HSDIRT

**Generating information to inform policy development and decision making**

# For more information

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