

Using the pharmacy retail model to examine perceptions and biases of a UK population sample towards regulation of specific psychoactive drugs

Edward James¹, Thomas L Robertshaw¹, Michael J Pascoe¹, Fiona M Chapman¹,
Andrew D Westwell¹ and Andrew P Smith²

¹School of Pharmacy and Pharmaceutical Sciences, Cardiff University, King Edward VII Avenue, Cardiff, Wales, CF10 3NB, UK

²School of Psychology, Cardiff University, 63 Park Place, Cardiff, Wales, CF10 3AS, UK

Corresponding author: edward.james.correspondence@hotmail.com

Aversion	Mean rating
It is simply not practical or realistic	7.76
It would damage the economy	5.61
Alcohol should be classified as food and drink	5.47
It would harm many people's livelihoods	6.16
Alcohol consumption has no medical benefits and therefore alcoholic drinks do not belong in pharmacies	7.76

Supplementary Table 1: Aversions to alcohol in pharmacies (38/105 participants).

Aversion	Mean rating
It is simply not practical or realistic	7
It would damage the economy	5.94
Some addicts would find it hard to adapt to the changes	6.03
It would harm many people's livelihoods	5.17
Smoking tobacco has no medical benefits and therefore tobacco does not belong in pharmacies	7.4

Supplementary Table 2: Aversions to tobacco in pharmacies (35/105 participants).

INTRODUCTION

Perceptions of the costs and benefits of recreational drug use

This study concerns the relative perceptions and psychology of risk and risk management of specific drugs.

The online survey is split into three sections:

1. Three preliminary questions regarding relative perceptions of risk
2. Review data and information sheets
3. Questions related to harm reduction and the psychology of risk management

The data will be used to determine the perceptions of participants and to discover whether there are any trends regarding the demographics of participants. The data can be used as a basis for further studies and help guide policy.

I understand that my participation in this project will involve completing an online survey about recreational drugs.

I understand that participation in this study is entirely voluntary and that I can withdraw from the study at any time without giving a reason.

I understand that I am free to avoid responding to any questions that I feel uncomfortable answering and that I can discuss my concerns with Professor Andy Smith at the email address below.

I understand that the survey information provided by me will be stored anonymously. I understand that this information may be retained indefinitely.

I also understand that at the end of the study I will be provided with additional information and feedback about the purpose of the study.

Professor A.P.Smith, School of Psychology,
63 Park Place, Cardiff CF10 3AS
e-mail: smithap@cardiff.ac.uk

By checking the box below and continuing, I consent to participate in the study conducted by project students, School of Psychology, Cardiff University with the supervision of Professor Andy Smith.

- ☐ I consent to participate in the study
- ☐ I do not consent to participate in the study

DEMOGRAPHIC INFORMATION

Age (years)

- ☐ Under 18
- ☐ 18-24
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55+

Gender

- ☐ Male
- ☐ Female

Nationality / Global Region of Origin

- ☐ UK
- ☐ Other European
- ☐ US and Canada
- ☐ Latin America
- ☐ South Asia (e.g. India and Pakistan)
- ☐ East Asia (e.g. China and Malaysia)
- ☐ Africa
- ☐ Australasia
- ☐ Middle East

Religion

- ☐ Atheist
- ☐ Agnostic
- ☐ Christian
- ☐ Muslim
- ☐ Hindu
- ☐ Sikh
- ☐ Jewish
- ☐ Buddhist
- ☐ Other
- ☐ No religion
- ☐ Prefer not to answer

Education

- ☐ None
- ☐ Completed secondary school / high school (e.g. GCSEs)
- ☐ A-levels or equivalent
- ☐

- ☒ Vocational training (e.g. apprenticeship)
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ PhD

Occupation

Other relevant personal information

Societal Pressure

Assess whether **your understanding of the danger** the following psychoactive substances pose to the individual health of the consumer and to others is **based on verifiable facts and evidence** or **prejudice and societal pressure**.

Alcohol

Prejudice
and
societal
pressure

Scientific
evidence

- 1 2 3 4 5 6 7 8 9 10
- ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know what it is (click option below, please do not tick this choice if you have answered the question above)

- ☐ I am unable to answer this question

Tobacco

Prejudice
and
societal
pressure

Scientific
evidence

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know what it is (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Cannabis

Prejudice
and
societal
pressure

Scientific
evidence

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know what it is (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

MDMA

Prejudice
and
societal
pressure

Scientific
evidence

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know what it is (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Psilocybin

Prejudice
and
societal
pressure

Scientific
evidence

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know what it is (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

BASIC INFORMATION

Basic Information

Alcohol (ethanol) is the psychoactive substance in drinks such as beer, wine and vodka responsible for their well-known intoxicating effects.

Tobacco is a plant used in products such as cigarettes and cigars and is typically smoked. Tobacco can be used for its psychoactive properties and is often used as an aid to relaxation.

Cannabis (hemp / marijuana) is a plant used in a broad range of ways and some individuals consume cannabis for its psychoactive properties.

MDMA (3,4-methylenedioxymethamphetamine) is the primary psychoactive compound typically found in the tablets or powders commonly referred to as ecstasy.

Psilocybin is the primary psychoactive compound found in a broad range of different fungi commonly referred to as magic mushrooms.

HARMFULNESS

Please give each of the five substances listed a number between 1-5 where **(1) is not at all harmful** to the consumer and to others and **(5) is very harmful** based on your understanding and experience.

Please take addictive potential, typical regularity of consumption and long-term effects over an individual's lifetime into account.

Alcohol (e.g. beer/wine/vodka)

Not at all harmful (1) Not very harmful (2) Somewhat harmful (3) Quite harmful (4) Very harmful (5)

☐ ☐ ☐ ☐ ☐

Tobacco (smoked)

Not at all harmful (1) Not very harmful (2) Somewhat harmful (3) Quite harmful (4) Very harmful (5)

☐ ☐ ☐ ☐ ☐

Cannabis (herbal form vaporised/smoked/ingested)

Not at all harmful (1) Not very harmful (2) Somewhat harmful (3) Quite harmful (4) Very harmful (5)

☐ ☐ ☐ ☐ ☐

MDMA (high purity pharmaceutical quality)

Not at all harmful (1) Not very harmful (2) Somewhat harmful (3) Quite harmful (4) Very harmful (5)

☐ ☐ ☐ ☐ ☐

Psilocybin (when consumed as mushrooms)

Not at all harmful (1) Not very harmful (2) Somewhat harmful (3) Quite harmful (4) Very harmful (5)

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

DEATHS

How many deaths due to the following psychoactive substances per 100,000 consumers do you think happen each year in the UK?

Alcohol

0-1 1-10 10-100 100-400 400-800 800-1200

Tobacco

0-1 1-10 10-100 100-400 400-800 800-1200

Cannabis

0-1 1-10 10-100 100-400 400-800 800-1200

MDMA (illicit black market quality- often not MDMA but other compounds)

0-1 1-10 10-100 100-400 400-800 800-1200

Magic Mushrooms

0-1 1-10 10-100 100-400 400-800 800-1200

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

DATA AND INFORMATION SHEETS

Data and Information Sheets

There has been considerable research on these topics in recent years. Relevant references can be found in the debrief section.

Deaths attributed to alcohol per 100,000 consumers per year = 10-100

Deaths attributed to tobacco per 100,000 consumers per year = 800-1200

Deaths attributed to cannabis per 100,000 consumers per year = 0-1

Deaths attributed to ecstasy per 100,000 consumers per year = 1-10

Deaths attributed to psilocybin per 100,000 consumers per year = 0-1

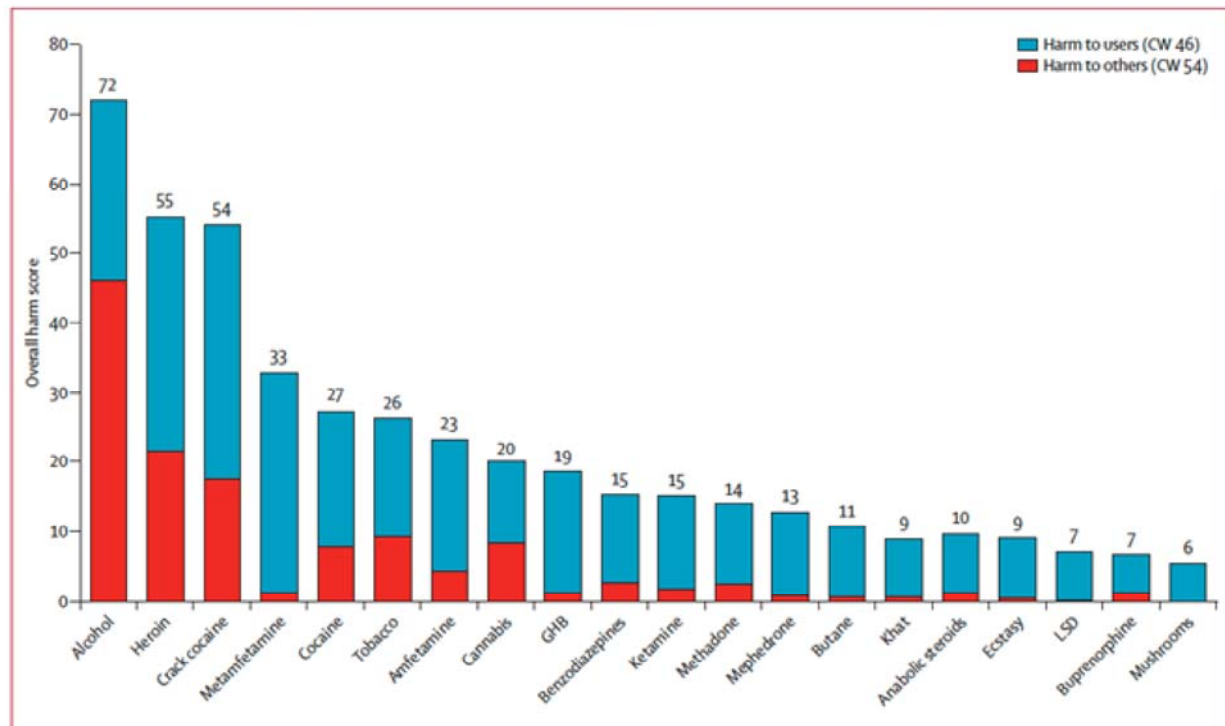


Figure 2: Drugs ordered by their overall harm scores, showing the separate contributions to the overall scores of harms to users and harm to others

The weights after normalisation (0-100) are shown in the key (cumulative in the sense of the sum of all the normalised weights for all the criteria to users, 46; and for all the criteria to others, 54). CW=cumulative weight. GHB= γ hydroxybutyric acid. LSD=lysergic acid diethylamide.

Research has suggested that of the five substances listed, alcohol is the most harmful to consumers and to others followed by tobacco as the second most harmful, then cannabis, then MDMA and the least harmful are magic mushrooms (psilocybin):

Most harmful

- Alcohol
- Tobacco
- Cannabis
- MDMA
- Magic Mushrooms

Least harmful

Research has suggested that out of alcohol, cannabis, MDMA and psilocybin, the most positive is psilocybin followed by MDMA when the long-term effects on physical and mental wellbeing are taken into consideration:

Most positive

- Psilocybin
- MDMA
- Cannabis
- Alcohol

Least positive

Cannabis

Cannabis has been found to be an effective therapeutic aid for the treatment of medical and psychological disorders including:

- Spasticity
- Nausea
- Loss of appetite
- Chronic pain
- Asthma
- Anxiety
- Epilepsy
- Glaucoma
- Neurodegenerative diseases including multiple sclerosis and Parkinson's
- Insomnia
- Involuntary muscle twitching as observed in Tourette's syndrome
- Depression
- Neuropathy
- Spinal cord injury

- Panic attacks
- Arthritis
- Gastrointestinal problems
- Cramps
- Migraine
- Unwanted weight loss
- Allergies
- Chronic fatigue syndrome
- Fibromyalgia
- Bone disorders
- Stress
- Carcinoma
- Anger
- Visual impairment
- Genitourinary problems
- Limited mobility

MDMA

MDMA has shown a lot of potential as being a useful therapeutic agent:

- Currently in clinical trials for post-traumatic stress disorder (PTSD) therapy.
- Clinical trials are ongoing for MDMA-assisted psychotherapy for anxiety associated with life-threatening illness.
- Has been used in empathy training for couples experiencing interpersonal difficulties.
- MDMA may prove to be an effective probe and treatment for a range of social behaviours.

MDMA is one of the most commonly used recreational drugs across the globe:

- MDMA enhances emotional empathy and prosocial behaviour.
- It is known as an 'empathogen' as it enhances empathy.
- Please consider how the psychosocial effects of MDMA contrast to the effects of alcohol.
- Due to MDMA's illegal status as a recreational drug the MDMA taken by consumers is often poor quality and in many cases does not include MDMA and does include other more harmful compounds such as PMA.
- As the contents of ecstasy pills and MDMA powders are extremely variable, and no reliable advice on safe consumption practices are typically given by distributors, the dangers of recreational consumption of MDMA are greatly worsened by the current methods of production and distribution.

Psilocybin

Psilocybin has shown a lot of potential as being a useful therapeutic agent:

- "Psilocybe mushrooms have been used for millennia for healing purposes, but were only discovered by modern science in the late 1950s."
- Clinical trials are ongoing for the treatment of anxiety in patients with advanced-stage cancer.
- Clinical trials are ongoing for the treatment of alcohol dependence.
- Studies have suggested that psilocybin could be an effective aid for the treatment of depression.

Magic mushrooms are a naturally occurring entheogenic psychoactive substance (can be used in a religious, shamanic, or spiritual context):

- It has been found that psilocybin can induce 'mystical' experiences.
- Mystical experiences induced by psilocybin can lead to a long-term increase in the personality trait of openness.

QUESTIONNAIRE PART 2

Questionnaire Part 2

In light of the previously presented data and other referenced information, do you think the **legal classifications** of the five substances discussed do **correlate well** (match up well) with the **dangers** the drugs genuinely pose to users and to wider society and any potential **therapeutic uses**?

Alcohol

- Freely available in regulated shops to people aged 18 and over

Not at
all

Very
much so

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Tobacco

- Freely available in regulated shops to people aged 18 and over

Not at
allVery
much so

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Cannabis

- Class B, Up to 5 years in prison for possession and an unlimited fine (on the spot £90 fines for possession are common)
- Schedule 1, "No therapeutic value"

Not at
allVery
much so

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

MDMA

- Class A, "Treated by the law as the most dangerous" with up to 7 years in prison for possession and an unlimited fine
- Schedule 1, "No therapeutic value"

Not at
all

Very
much so

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Magic Mushrooms

- Class A, "Treated by the law as the most dangerous" with up to 7 years in prison for possession and an unlimited fine
- Schedule 1, "No therapeutic value"

Not at
all

Very
much so

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

HARM REDUCTION POINT OF

From an overall recreational drug use **harm reduction point of view**, the way that the five substances discussed are treated by the **law, police and the medical healthcare profession** in the UK is the **best approach** for the public interest.

Alcohol

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Tobacco

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Cannabis

Totally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

MDMA

Totally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

Magic Mushrooms

Totally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

HARM MINIMISATION

From the point of view of **harm minimisation** to the individual consumer and to society as a whole, which type of vendor is **most suited** to being **legally permitted** to sell the five substances discussed?

Alcohol

Pharmacist with available NHS support from GPs and mental health workers

Not at all suitable

Very suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Shop that follows laws and regulations (e.g. supermarket)

Not at all suitable

Very suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unregulated black market street / online vendor

Not at all suitable

Very suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Selling alcohol should not be legal under any circumstances (click option below, please do not tick this choice if you have answered the questions above)

☐ I am unable to answer this question

Tobacco

Pharmacist with available NHS support from GPs and mental health workers

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Shop that follows laws and regulations (e.g. supermarket)

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unregulated black market street / online vendor

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Selling tobacco should not be legal under any circumstances (click option below, please do not tick this choice if you have answered the questions above)

☐ I am unable to answer this question

Cannabis

Pharmacist with available NHS support from GPs and mental health workers

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐



Shop that follows laws and regulations (e.g. supermarket)

Not at
all
suitable

Very
suitable

1
☐

2
☐

3
☐

4
☐

5
☐

6
☐

7
☐

8
☐

9
☐

10
☐

Unregulated black market street / online vendor

Not at
all
suitable

Very
suitable

1
☐

2
☐

3
☐

4
☐

5
☐

6
☐

7
☐

8
☐

9
☐

10
☐

Selling cannabis should not be legal under any circumstances (click option below, please do not tick this choice if you have answered the questions above)

☐ I am unable to answer this question

MDMA

Pharmacist with available NHS support from GPs and mental health workers

Not at
all
suitable

Very
suitable

1
☐

2
☐

3
☐

4
☐

5
☐

6
☐

7
☐

8
☐

9
☐

10
☐

Shop that follows laws and regulations (e.g. supermarket)

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unregulated black market street / online vendor

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Selling MDMA should not be legal under any circumstances (click option below, please do not tick this choice if you have answered the questions above)

☐ I am unable to answer this question

Magic Mushrooms

Pharmacist with available NHS support from GPs and mental health workers

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Shop that follows laws and regulations (e.g. supermarket)

Not at
all
suitable

Very
suitable

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unregulated black market street / online vendor

Not at all suitable									Very suitable
1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Selling magic mushrooms should not be legal under any circumstances (click option below, please do not tick this choice if you have answered the questions above)

☐ I am unable to answer this question

PHARMACIES AS VENDORS

Making **pharmacies** the primary **legal vendors** of the five substances discussed is **practical and realistic**.

Alcohol

Totally disagree									Totally agree
1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Tobacco

Totally disagree									Totally agree
1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Cannabis (both for therapeutic and recreational use)

Totally disagree									Totally agree
1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MDMA (both for therapeutic and recreational use)Totally
disagreeTotally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Magic Mushrooms (both for therapeutic and recreational use)Totally
disagreeTotally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

PHARMACY ALCOHOL

If pharmacies were to be the primary legal vendors of **alcoholic** drinks with available NHS support from GPs and mental health workers to help manage problem drinking this would be a *positive* change that you would support.

Totally
disagreeTotally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

If you chose 4 or under for the first question this is because:

It is simply not practical or realistic

Totally disagree										Totally agree
1	2	3	4	5	6	7	8	9	10	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

It would damage the economy

Totally disagree										Totally agree
1	2	3	4	5	6	7	8	9	10	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Alcohol should be classified as food and drink

Totally disagree										Totally agree
1	2	3	4	5	6	7	8	9	10	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

It would harm many people's livelihoods

Totally disagree										Totally agree
1	2	3	4	5	6	7	8	9	10	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Alcohol consumption has no medical benefits and therefore alcoholic drinks do not belong in pharmacies

Totally disagree										Totally agree
1	2	3	4	5	6	7	8	9	10	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

PHARMACY TOBACCO

If pharmacies were to be the primary legal vendors of **tobacco** products with available NHS support from GPs and mental health workers to **1. Help people quit smoking and 2. Advise people about the dangers before trying smoking for the first time and during the consumer's lifetime**, this would be a *positive* change that you would support.

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

If you chose 4 or under for the first question this is because:

It is simply not practical or realistic

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It would damage the economy

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Some addicts would find it hard to adapt to the changes

Totally
disagree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Totally
agree

It would harm many people's livelihoods

Totally
disagree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Totally
agree

Smoking tobacco has no medical benefits and therefore tobacco does not belong in pharmacies

Totally
disagree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Totally
agree

PHARMACY CANNABIS

If **cannabis** were to be legalised for medicinal and recreational use and sold in pharmacies with available NHS support from GPs and mental health workers, as **1**. A safer recreational drug alternative to alcohol and tobacco **2**. A source of therapeutic compounds (such as THC, CBD and other cannabinoids) and **3**. So pharmacists can give advice and guidance on safe usage practices, this would be a *positive* change that you would support.

Totally
disagree


1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Totally
agree

Don't know (click option below, please do not tick this choice if you have answered the question above)



 I am unable to answer this question

If you chose 4 or under for the first question this is because:

It is too dangerous

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You have a religious objection

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It is immoral

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It feels wrong

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

It sends the wrong message to people

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You feel comfortable things staying the way they are as it is what you are used to

Totally disagree

Totally agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

You cannot accept or approve of people who use cannabis

Totally disagree

Totally agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

You do not like the smell of cannabis

Totally disagree

Totally agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

PHARMACY MDMA

If **MDMA** were to be legalised for therapeutic and recreational use and sold in pharmacies with available NHS support from GPs and mental health workers, as **1**. A safer recreational drug alternative to alcohol and tobacco **2**. A rational evidence-based solution to the ongoing problem of unregulated party drugs such as mephedrone **3**. A potential therapeutic tool for psychotherapy and **4**. So pharmacists can give advice and guidance on safe usage practices, this would be a *positive* change that you would support.

Totally disagree

Totally agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

If you chose 4 or under for the first question this is because:

It is too dangerous

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

You have a religious objection

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

It is immoral

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

It feels wrong

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

It sends the wrong message to people

Totally
disagree1
☐2
☐3
☐4
☐5
☐6
☐7
☐8
☐9
☐10
☐Totally
agree

You feel comfortable things staying the way they are as it is what you are used to

Totally
disagree1
☐2
☐3
☐4
☐5
☐6
☐7
☐8
☐9
☐10
☐Totally
agree

You cannot accept or approve of people who take MDMA

Totally
disagree1
☐2
☐3
☐4
☐5
☐6
☐7
☐8
☐9
☐10
☐Totally
agree

You do not like the idea of people using psychoactive drugs for entertainment

Totally
disagree1
☐2
☐3
☐4
☐5
☐6
☐7
☐8
☐9
☐10
☐Totally
agree

PHARMACY PSILOCYBIN

If **magic mushrooms** were to be legalised for therapeutic and recreational use and sold in pharmacies with available NHS support from GPs and mental health workers, as **1.** A safer recreational drug alternative to alcohol and tobacco **2.** A potential therapeutic tool for psychotherapy and **3.** So pharmacists can give advice and guidance on safe usage practices, this would be a *positive* change that you would support.

Totally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question above)

☐ I am unable to answer this question

If you chose 4 or under for the first question this is because:

It is too dangerous

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

You have a religious objection

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

It is immoral

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

It feels wrong

Totally
disagree

Totally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

It sends the wrong message to people

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You feel comfortable things staying the way they are as it is what you are used to

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You cannot accept or approve of people who consume magic mushrooms

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You do not like the idea of people using psychoactive drugs to have mystical / religious experiences

Totally
disagree

Totally
agree

1	2	3	4	5	6	7	8	9	10
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

HUMAN RIGHT

Being legally permitted to consume the five substances discussed is a **human right**.

AlcoholTotally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

TobaccoTotally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

CannabisTotally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

MDMA (high quality)Totally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Magic MushroomsTotally
disagreeTotally
agree

1 2 3 4 5 6 7 8 9 10

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Don't know (click option below, please do not tick this choice if you have answered the question)

☐ I am unable to answer this question

DEBRIEF

Debrief – Perceptions of the costs and benefits of recreational drug use

Thank you for completing the questionnaire. The questions you answered are intended to provide information about perceptions of the relative risks of different drugs, attitudes to harm reduction and the psychology of risk management.

The data you provided will be used to determine whether there are any emerging trends on this topic which will form the basis for future research and help guide policy.

Information about the studies from which the data and information sheet is based are shown on the next sheet.

If you have any queries or concerns about the research, please contact the supervisor (Andy Smith) using the contact details below.

Thank you again for your participation.

Professor A.P.Smith,
School of Psychology,
63 Park Place, Cardiff CF10 3AS
e-mail: smithap@cardiff.ac.uk

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