

# The Dangers of Smoking

Millions of Australians are smokers. However, cigarettes are dangerous to health and are also very expensive. This is why lots of people often try to give up smoking.

## How Much Does Smoking Cost?

A person that smokes 20 cigarettes each day will spend nearly \$200 every week on cigarettes. This adds up to \$10,556 a year.

## How Else Could This Money Be Spent?

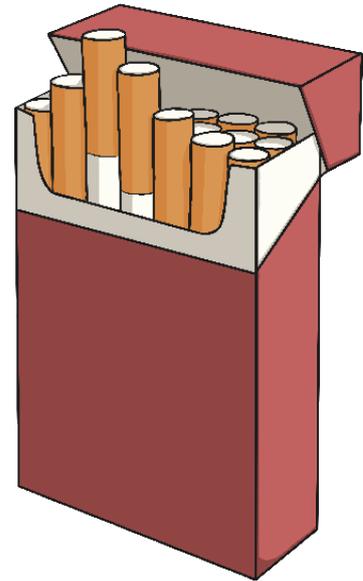
Holidays, treats, days out or other exciting ways! Smoking also costs the country a lot of money in medical care to treat the people that become ill from smoking.

## How Is Smoking Dangerous for Health?

The chemicals in cigarettes can cause all types of health problems. It can cause coughs, breathing problems and much more serious illnesses, such as cancer.

## How Does Nicotine Affect the Body?

Nicotine is addictive. This is why people find it hard to stop smoking. Nicotine affects the brain. When smoking, brain cells send messages to other areas of the body to make a person more relaxed. When this relaxed feeling wears off, smokers feel like they need another cigarette.



### Did You Know?

These are just some of the chemicals in cigarettes:

- nicotine
- tar
- carbon monoxide
- formaldehyde (used to embalm dead bodies)
- hydrogen cyanide (a deadly poison)
- arsenic (used in rat poison)
- ammonia (used for cleaning windows and toilet bowls)
- polonium (a radioactive element)

## How Else Can the Body Be Affected?

The tar in cigarettes can stain teeth and fingers yellow.

The heart has to work harder to pump more oxygen round the body because of dangerous carbon monoxide.

### How Can Someone Stop Smoking?

It is difficult to stop smoking but there are lots of places to get help.

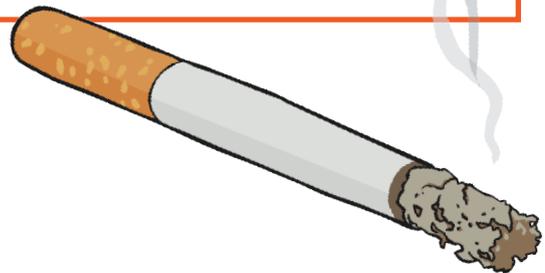
The local GPs offer lots of help and support.

People sometimes use nicotine patches so that they can slowly get used to there being less nicotine in their system.

Within 1 – 9 months of stopping smoking, the lungs start to get better.

### Statistics

- 14.5% of adults in Australia are smokers.
- 15% of men smoke compared to 11% of women.
- There are around 2.6 million adult smokers in Australia.
- Smoking rates have more than halved since 1974 to almost a third.



# Questions

1. How many adult smokers are there in Australia?

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2. More women smoke than men in Australia. Is this true or false? Explain how you know.

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3. How much does smoking cost an individual smoker?

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4. In what ways could people spend this amount of money differently? Can you think of any other ways this money could be better spent?

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5. Why do you think less people smoke now than in 1974?

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6. How can people stop smoking?

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7. Name two dangerous chemicals found in cigarettes. Explain why they are so dangerous.

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# Answers

1. How many adult smokers are there in Australia?  
**There are around 2.6 million adult smokers in Australia.**
2. More women smoke than men in Australia. Is this true or false? Explain how you know.  
**False - more men than women smoke in Australia. I know this because 15% of men smoke but only 11% of women do.**
3. How much does smoking cost an individual smoker?  
**A person that smokes 20 cigarettes a day spends approximately \$200 per week, which is \$10,556 a year on smoking.**
4. In what ways could people spend this amount of money differently? Can you think of any other ways this money could be better spent?  
**People could spend this money on holidays, treats and days out. Various answers possible to explain how else the money could be spent.**
5. Why do you think less people smoke now than in 1974?  
**Various answers possible related to: more awareness, health concerns, people having more support to stop, etc.**
6. How can people stop smoking?  
**People can use nicotine patches and also get advice from places such as the local GP.**
7. Name two dangerous chemicals found in cigarettes. Explain why they are so dangerous.  
**Various answers possible e.g. Arsenic is a dangerous chemical found in cigarettes because it is used in rat poison.  
Ammonia is a strong cleaning fluid to clean windows and toilet bowls but it is also found in cigarettes.**

# The Dangers of Smoking

Millions of Australians are smokers. However, there are lots of benefits to giving up smoking as cigarettes are dangerous to health as well as being very expensive.

## The Cost of Smoking

A person that smokes 20 cigarettes each day will spend nearly \$200 every week on cigarettes. During a year, that adds up to more than \$10,566! How else could this money be spent? Holidays, treats and days out or lots of other exciting ways!

Smoking also costs the country a lot of money. Approximately 83% of the cost of a pack of cigarettes goes to the Australian government to help pay for medical care but even this huge amount is not enough to cover the cost of treating the health problems caused by smoking.



## Health Problems Caused by Smoking

Smoking is very harmful to health. The chemicals in cigarettes can cause all types of health problems, ranging from coughs and bronchitis to much more serious illnesses, such as cancer and lung conditions. Over time, smoking gives people breathing difficulties.

### Did You Know?

These are just some of the chemicals in cigarettes:

- nicotine
- tar
- carbon monoxide
- formaldehyde (used to embalm dead bodies)
- hydrogen cyanide (a deadly poison)
- arsenic (used in rat poison)
- ammonia (used for cleaning windows and toilet bowls)
- polonium (a radioactive element)

Cigarettes contain nicotine, which is very addictive. This is the reason why a lot of people find it difficult to stop smoking. Nicotine affects the brain and causes it to send messages to other areas of the body to make a person feel more relaxed. When this feeling wears off, smokers feel like they need to smoke another cigarette; this is called a 'craving'.

## The Other Effects of Cigarettes

The tar in cigarettes can stain teeth and fingers yellow. The carbon monoxide in cigarettes decreases the amount of oxygen in the blood. This means that the heart has to work harder than normal. The longer a person smokes for, the more likely they are to get a serious illness like cancer. Smoking can cause cancer in many areas of the body but it is one of the major causes of lung cancer.

## Stopping Smoking

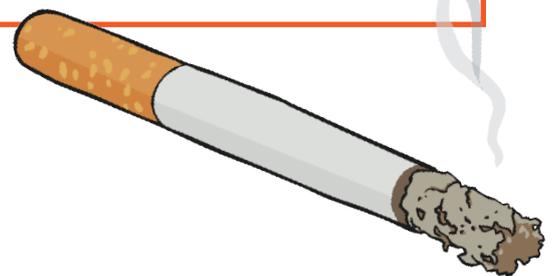
Even though stopping smoking is difficult, there are lots of places to get help. The local GP offers people wanting to quit lots of help and support.

People sometimes use nicotine patches so that they can slowly get used to there being less nicotine in their system. They gradually allow less and less nicotine into the body, which makes it easier to stop.

Within 1 – 9 months of stopping smoking, the lungs start to recover and it is easier for ex-smokers to breathe.

### Statistics

- 1 in 7 adults in Australia are smokers: 15% of men and 11 % of women.
- This means there are around 2.6 million adult smokers in the country.
- Smoking rates have more than halved since 1974 to almost a third in Australia.



# Questions

1. Why is smoking expensive for the Australian government?

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2. How much does smoking cost on an individual?

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3. What percentage of adults in Australia are smokers?

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4. Why do people find it difficult to give up smoking?

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5. How is the brain affected by cigarette smoke?

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6. What is a craving? Explain fully why smokers experience cravings.

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7. Why do you think smoking in Australia has halved since 1974?

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8. What do some people use to help them stop smoking?

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9. Why does the heart have to work harder when someone is smoking?

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# Answers

1. Why is smoking expensive for the Australian government?  
**Smoking is expensive for the country because they have to pay for the medical and healthcare costs to treat the problems caused by smoking.**
2. How much does smoking cost on an individual?  
**A person that smokes 20 cigarettes a day spends approximately \$200 per week, which is \$10,556 a year on smoking.**
3. What percentage of adults in Australia are smokers?  
**15% of men and 11% of women are smokers in Australia.**
4. Why do people find it difficult to give up smoking?  
**People find it difficult to give up smoking because cigarettes contain nicotine, which is an addictive substance.**
5. How is the brain affected by cigarette smoke?  
**The brain is affected because nicotine in cigarette smoke is released into the brain. Nicotine causes brain cells to send messages to other parts of the body, which make the person feel more relaxed for a short time.**
6. What is a craving? Explain fully why smokers experience cravings.  
**Smokers experience cravings because nicotine makes them feel more relaxed, however, when this wears off they feel the need to smoke another cigarette so they can feel the same feeling again.**
7. Why do you think smoking in Australia has halved since 1974?  
**Various answers possible relating to the fact that people are now more aware of the dangers of smoking than in 1974, the fact that people are more health conscious and access to social media and support networks perhaps makes it easier for them to stop.**
8. What do some people use to help them stop smoking?  
**Some people wear nicotine patches to reduce the amount of nicotine in their bodies gradually, which makes it easier to stop smoking. They might also get advice and help from the local GP.**
9. Why does the heart have to work harder when someone is smoking?  
**When someone is smoking, the heart has to work harder because there is carbon monoxide in the blood. This causes a lack of oxygen so the heart works harder than normal to pump more oxygen around the body.**

# The Dangers of Smoking

Millions of people in Australia are smokers. However, there are lots of benefits to giving up smoking as cigarettes are not only a danger to health but are also very expensive.

## The Cost of Cigarettes

A person that smokes 20 cigarettes each day will spend nearly \$200 every week on cigarettes. During a year, that adds up to more than \$10,566! Imagine all the other ways this much money could be spent - holidays, treats or days out... what a waste! Smoking is also expensive on a larger scale as it costs the country a lot of money. Approximately 83% of the cost of a pack of cigarettes goes to the Australian government to help to pay for the medical care of treating health problems relating to smoking but even this huge amount is not enough to cover the total bill.



## Smoking and Health

Smoking is also extremely harmful to health. The chemicals in cigarettes can cause all types of health problems, ranging from coughs to much more serious illnesses, such as cancer and emphysema (a condition that affects the lungs and causes extreme difficulties in breathing).

### Did You Know?

These are just some of the chemicals in cigarettes:

- nicotine
- tar
- carbon monoxide
- formaldehyde (used to embalm dead bodies)
- hydrogen cyanide (a deadly poison)
- arsenic (used in rat poison)
- ammonia (used for cleaning windows and toilet bowls)
- DDT (a banned insecticide)
- polonium (a radioactive element)

The nicotine in cigarette smoke is an addictive substance, which is one of the reasons why so many people find it difficult to stop smoking once they have started. Nicotine affects the brain and causes brain cells to send messages to other areas of the body to make a person more relaxed. When this feeling wears off, the smoker feels the need to smoke another cigarette; this is called a 'craving'.

## The Other Effects of Cigarettes

The tar in cigarettes can stain teeth and fingers yellow. The carbon monoxide in them decreases the amount of oxygen in the blood, which makes the heart work harder than normal. The longer a person smokes for, the more chance they have of contracting cancer. Many people associate only lung cancer with cigarette smoke, however, it can cause cancer in many areas of the body.

## Stopping Smoking

Even though stopping smoking is difficult, there are lots of places to get support, particularly through advice from the local GP. People often use nicotine patches so that they can slowly get used to there being less nicotine in their system. These patches gradually allow less and less nicotine into a smoker's body, which makes it easier to stop. Within 1 – 9 months of stopping smoking, the lung capacity begins to increase, meaning it is easier for an ex-smoker to breathe.

### Statistics

- 1 in 7 adults in Australia are smokers: 14.5% of adults, including 15% of men and 11 % of women.
- This means there are around 2.6 million adult smokers in the country.
- Smoking rates have more than halved since 1974 to almost a third in Australia, when 45% of men and 30% of women smoked.



# Questions

1. How much does smoking cost an individual and Australia?

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2. What percentage of adults in Australia are non-smokers? How do you know this?

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3. Why do people find it difficult to give up smoking?

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4. How is the brain affected by cigarette smoke?

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5. Why do you think smoking in Australia has halved since 1974?

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6. How might someone stop smoking?

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7. Which of the dangerous chemicals in cigarettes do you think is the most dangerous?

Explain your reasons.

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8. Why does the heart have to work harder when someone is smoking?

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9. Which facts and information would you use to convince someone to give up smoking? Why have you chosen these facts?

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# Answers

1. How much does smoking cost an individual and Australia?  
**Smoking is expensive to individual smokers and for the country. A person that smokes 20 cigarettes a day will spend \$200 a week, which works out at \$10,566 a year. The government spends 83% of the cost of a cigarette pack on health costs to treat smokers and their health conditions.**
2. What percentage of adults in Australia are non-smokers? How do you know this?  
**85.5 % of adults in Australia are non-smokers. I know this because 14.5% of adults are smokers.**
3. Why do people find it difficult to give up smoking?  
**People find it difficult to give up smoking because cigarettes contain nicotine, which is an addictive substance.**
4. How is the brain affected by cigarette smoke?  
**The nicotine in cigarette smoke is released to the brain. Nicotine causes brain cells to send messages to other parts of the body, which makes them feel more relaxed.**
5. Why do you think smoking in Australia has halved since 1974?  
**Various answers possible relating to the fact that people are now more aware of the dangers of smoking than in 1974, the fact that people are more health conscious and access to social media and support networks perhaps makes it easier for them to stop.**
6. How might someone stop smoking?  
**Someone who wants to stop smoking can get support and advice from the local GP. Some people wear nicotine patches to reduce the amount of nicotine in their bodies gradually, which makes it easier to stop smoking.**
7. Which of the dangerous chemicals in cigarettes do you think is the most dangerous? Explain your reasons.  
**Various answers possible e.g. DDT is the most dangerous because it is used as an insecticide, which kills lots of insects and pests.**
8. Why does the heart have to work harder when someone is smoking?  
**When someone is smoking, the heart has to work harder because cigarettes put carbon monoxide in the blood. This causes a lack of oxygen so the heart works harder than normal to pump more oxygen round the body.**
9. Which facts and information would you use to convince someone to give up smoking? Why have you chosen these facts?  
**Various answers possible with reference to the text e.g. I would tell people that they are at risk from serious illnesses such as cancer and emphysema because of the dangerous chemicals in cigarettes.**