

## QUIZ

1) Give your household one score against each of the categories

## HINTS:

2) If your house has a mix of the lifestyle factors then give yourself a score between the factors that are closest to your situation

3) This quiz excludes flights, food choices and home size. For a full calculation go to [www.dpi.wa.gov.au/livingsmart](http://www.dpi.wa.gov.au/livingsmart)

# Living smart “star rating” quiz - complete for your whole household

Factor/ Lifestyle	Greenhouse Gas score	Your score
<b>Transport (all trips in a ‘usual week’)</b>		
Bike or walk only	0.0	
Mostly public transport, with some car use	0.2	
Car;		
Usually pooled with others	8.5	
Large car and car pooled with others	10.0	
Mostly trips in a Small car	13.0	
Mostly trips in a Medium car	21.0	
Mostly trips in a Large car	27.0	
Mostly trips in a Large 4WD	34.0	
<i>Transport rating</i>	<i>/34</i>	
<b>Hot Water System</b>		
No hot water – or solar no booster	0.0	
Solar – Gas boosted	1.5	
Solar – Electric boosted	4.5	
Natural gas storage	5.0	
Natural gas instantaneous	5.5	
Electric heat pump	7.0	
Electric instantaneous	14.0	
Electric storage	16.0	
<i>Hot water rating</i>	<i>/16</i>	
<b>Electronic appliances and stand-by power</b>		
Only a few appliances and almost always turn them off at the main switch	3	
A few appliances, with some things on standby	5	
Most things on standby with average appliances	12	
Most things on standby with many appliances	15	
<i>Appliances rating</i>	<i>/15</i>	

Factor/ Lifestyle	Greenhouse Gas score	Your score
<b>Home heating and cooling</b>		
No heating or cooling, have insulation	0	
Fans only, have insulation	2	
Gas heater and fans only, have insulation	4	
Gas heater and evaporative cooling, with insulation	5	
Gas heater and evaporative cooling, no insulation	6	
Gas heater and refrigerative air con, with insulation	7	
Gas heater and refrigerative air con, no insulation	9	
Electric heating, refrigerative air con, no insulation	11	
<i>Heating and cooling rating</i>	<i>/11</i>	
<b>Fridge/Freezer</b>		
Small or bar fridge only	3	
Large, energy efficient fridge	5	
Large, older/ low efficiency fridge	7	
Large, older/ low efficiency fridge and a bar fridge/ wine cooler	9	
<i>Fridge/ Freezer rating</i>	<i>/9</i>	
<b>Lighting</b>		
Compact fluorescents and LEDs throughout	1	
Some compact fluorescents and a few incandescents	2	
Fluorescent tubes and some halogen downlights	3	
Many 50w halogen downlights and incandescent bulbs	5	
<i>Lighting rating</i>	<i>/5</i>	

Factor/ Lifestyle	Greenhouse Gas score	Your score
<b>Waste/ Rubbish</b>		
Buys minimal things, low packaging, recycles and composts	1	
Buy average amounts of packaged goods, recycles, but not composting	3	
Buys mostly packaged goods, do not recycle much or compost	5	
<i>Waste rating</i>	<i>/5</i>	
<b>Cooking</b>		
Mainly uses gas stove top and microwave or gas oven	1	
Uses an induction stove top and electric oven	2	
Uses electric stove top and oven	3	
<i>Cooking rating</i>	<i>/3</i>	
<b>Clothes washing and drying</b>		
Hand washing and line drying	0	
Water efficient machine, cool wash, line drying	1	
Older washing machine or warm wash	2	
Extra for using a clothes dryer	+2	
<i>Clothes washing rating</i>	<i>/2+2</i>	
<b>Water</b>		
Water saving shower and appliances, courtyard garden	1	
Water saving shower and Waterwise garden	3	
High flow (older) shower and appliances and mixed garden	5	
High flow (older) shower and appliances and large garden with lawn	7	
<i>Water rating</i>	<i>/7</i>	
Extra - pool pump	<i>/30</i>	
<b>TOTAL RATING SCORE</b>	<b>/139</b>	

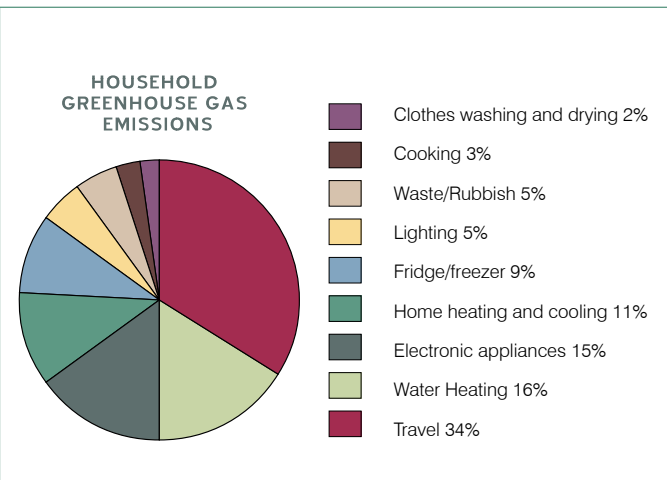
## WHY?

Star Rating your home and lifestyle will help you to find things that you can change to reduce your carbon emissions and save you money. It is interesting to compare your Star Rating after a year and to see how much you have improved.

## HOW DO I DO IT?

Complete this quiz by giving yourself a score against each of the lifestyle factors and comparing that score to the Star Rating guide at the end. The lower your score the better your Star Rating. When completing the score you can adjust it to reflect your lifestyle, eg. if you use a large car for half your trips, and public transport for the other half you could give yourself 13 points (ie. between 27 points for the car and 0.2 for public transport).

The scores represent the percentage of carbon emissions that come from each lifestyle factor (see the pie chart). An extra score is included for the amount of water you use, having a pool pump and for using a clothes 'tumble' dryer. If you want to complete the NABERS rating, then collect up your gas, electric and water bills and go to [www.nabers.com.au/](http://www.nabers.com.au/)



## HOW DID YOU RATE?

Add up your greenhouse scores and look up your Star Rating in the table. The typical score for a household in Perth is around 60 to 69 – two and a half stars.

Your Score	Your Star Rating
100 to 139	★
90 to 99	★
80 to 89	★ ★
70 to 79	★ ★
60 to 69	★ ★ ★
50 to 59	★ ★ ★
40 to 49	★ ★ ★ ★
30 to 39	★ ★ ★ ★
20 to 29	★ ★ ★ ★ ★
0 to 19	★ ★ ★ ★ ★

## WHAT NEXT?

Take a look at the areas where you got a high Greenhouse score – can you change your behaviour or appliances to move you into a lower scoring category?

Make several changes over the next few months and aim to improve your score by one star. Set yourself a target to get to Four Stars or better on the Living Smart rating (5 stars on NABERS). Living Smart can provide practical advice on the actions that you can take.

To translate this 'quiz' into a full Greenhouse Gas calculation (in tonnes of CO<sub>2</sub>), use the Living Smart on-line calculator at [www.dpi.wa.gov.au/livingsmart](http://www.dpi.wa.gov.au/livingsmart)



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## star rate your home

It will take less than 10 minutes to measure how your lifestyle contributes to Climate Change and to find out what to do about it.

## WHAT IS A "STAR RATING"?

A simple way to measure the impact of your lifestyle is to complete this Living Smart "Star Rating" quiz. The quiz asks a number of simple questions to determine how energy efficient your household is, based on your electricity, water and gas consumption, travel choices and method of rubbish disposal.

An alternative measure is an online tool called NABERS (the National Australian Built Environment Rating System). You'll need gas, electric and water bills for the past year to complete the NABERS rating. The website also has tips on environmental renovations for your home.

Some specialist 'Eco' consultants offer a Star Rating as part of an Eco-makeover prescription for your home. Living Smart is offering some of these consultations free to households that have started to improve their efficiency in energy, water, travel and waste.

