

How your meat-free favorites could be tricking you

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They might be plant-based, gluten-free, organic and vegan, but many

meat-free alternative products are highly processed and packed with salt, making them more stealthy than healthy.

More than 2.5 million Australians are eating meat-free and the choice of alternatives such as meat-free bacon, burgers and sausages has almost tripled in supermarkets in less than a decade. But new research has revealed some popular products are hiding up to half a day's worth of [salt](#) in one serve.

A new report from The George Institute for Global Health, VicHealth and the Heart Foundation revealed meat-free bacon had the highest average amounts of salt (2g salt per 100g), containing well over a third of a day's worth of salt, followed by falafel (1.3g salt per 100g) and meat-free sausages (1.3g salt per 100g), which contained over a quarter.

But it was a vegan pie that took out the saltiest product award, containing half of the daily recommended salt intake in just one serve. The recommended daily maximum for salt intake is less than a teaspoon, or 5 grams, but Australians are consuming nearly double that.[ii]

Heart Foundation dietitian Sian Armstrong said the report found high levels of salt in falafel, which is a concern because they are increasingly popular, with five times as many products available in supermarkets now as in 2010—a growth of 380 percent.

"Monjay Mezza Traditional Falafel and Spinach Falafel proved saltiest with three grams of salt per 100 grams—10 times saltier than the falafel with the least amount of salt—Naturally Falafel varieties," Ms Armstrong said.

"Our research showed that there are large ranges in the amount of salt between meat alternative products, but it is possible to choose a healthier item by picking the lower salt option. It also clearly shows that

manufacturers can produce products that are much lower in salt."

The report analyzed the salt content in more than 560 meat alternative products on supermarket shelves from 2010 to 2019.

Key findings:

- Of the 190 products surveyed in 2019, the highest average salt content was in meat-free bacon (2g salt per 100g), followed by falafel (1.3g salt per 100g) and meat-free sausages (1.3g salt per 100g).
- The number of falafel products increased by 380% between 2010 and 2019 and had the largest range in salt content with Monjay Mezza Traditional Falafel and Spinach Falafel (3g of salt per 100g) 10 times saltier than Naturally Falafel varieties (0.3g of salt per 100g).
- The number of meat-free burger products increased by 289% between 2010 and 2019, with the Fry's Family Burgers Quinoa & Brown Rice Protein (1.7g of salt per 100g; 1.4g salt per 80g serve) six times saltier than the Unreal Co. Italian Beefy Burger with onion (0.3g salt per 100g; 0.4g salt per 130g serve).
- The highest salt product per serving was the Bean Supreme Laksa pie, which contained 50% of an adult's recommended daily salt intake (2.5g salt per 220g serve).
- On average, flavoured tofu contained nearly 12 times more salt than plain tofu (flavoured tofu: 1g salt vs plain tofu: 0.09g salt).

Heart Foundation CEO Victoria, Kellie-Ann Jolly, said eating too much salt is linked with high blood pressure, which affects more than six million Australian adults and is a major risk factor for heart attack, stroke and kidney disease.

"The growing number of Australians choosing to eat more plant-based

foods is a positive move for health, but it is important that people focus on the quality and sources of plant foods, as some can be highly processed and lacking in nutrients," Ms Jolly said.

"Meat alternatives such as tofu and falafel can be good protein sources as part of a healthy balanced diet, but with any processed or packaged foods, it's critical not to rely on words or images that make a product appear healthier than it is. Check the label and pick the less salty option."

The George Institute's Senior Public Health Nutritionist and the report's lead author, Clare Farrand, said reducing salt saves lives and that setting salt targets for the food industry works, but Australia is lagging behind other countries.

"It's concerning that, in nearly a decade, there has been no change to the salt levels in any of the meat alternative products we looked at, and that new products coming on to the market are so high in salt, despite government commitments to reduce population salt intake," Ms Farrand said.

"The UK has one of the lowest salt intakes of any developed country, and this has been achieved by setting voluntary salt targets and regular monitoring of the food industry to achieve those targets.

"Salt targets for the food industry in Australia are coming, which is great, but there are no salt targets for meat alternatives, and this will need to be addressed."

VicHealth Acting CEO Dr. Lyn Roberts AO shared some simple tips for shoppers wanting to enjoy [meat-free](#) meals without the side of salt.

"There are some fantastic plant-based foods that are low in salt, often

less expensive and very healthy like plain tofu, legumes like lentils and black beans, and of course fresh vegetables," Dr. Roberts said.

"Try marinating your tofu in ginger, garlic and a bit of reduced-salt soy sauce for your stir-fry or fill your veggie burger with chargrilled mushrooms fresh off the BBQ.

"We want people to remember that meat alternatives like vegan sausages, pies and burgers can be highly-processed treat foods and certainly aren't something we recommend eating regularly."

Tips for consumers:

- Eating fresh is always best—check out our quick and easy vegetarian and plant-based recipes via www.unpackthesalt.com.au
- Read the label and choose the lower sodium option. Options with less than 120mg of sodium per 100g are the best, and options with less than 400mg of sodium per 100g are good choices.
- Be mindful of portion sizes as they can vary greatly.
- Experiment with less processed (and cheaper) alternatives like chickpeas, beans and lentils.
- Download the [FoodSwitch app](#) to scan product barcodes to find an alternative product with a lower sodium content. There's even a SaltSwitch filter to focus on products lower in salt.
- Visit www.unpackthesalt.com.au for tips and resources on how to identify salt in packaged foods and reduce your salt intake.

Provided by George Institute for Global Health

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