



Cost Savings Calculator: Methodology

Developed in partnership with Northumbria University

At Jump, our aim is to help organisations make a positive environmental and financial impact through our customised sustainability programs. Our Cost Savings Calculator is a practical tool designed to give you a glimpse of the potential environmental and cost savings that your organisation can achieve by joining us on this journey.

In this document, we'll walk you through the nuts and bolts of the methodology behind potential cost-saving calculations.

1. Where It Starts - The Number of Participants:

It all begins with understanding who can benefit from our program. The number of participants, be it your employees, students, residents, or any relevant group, forms the foundation of our calculations. The more people involved, the bigger the potential impact.

2. What We're Saving On

Our calculator explores potential savings across six significant areas:

Energy Saving: We estimate how much less energy your organisation might use with our program by drawing insights from experts and industry data.

Waste Saving: By examining waste management practices, we can project how much less waste you could produce and how much more you could recycle.

Business Travel: We assess how changes in commuting and transportation habits can reduce both costs and emissions, making your organization more sustainable.

Water Saving: Our calculations consider water usage trends and conservation practices, helping us estimate potential water savings.

Carbon Reduction: We adhere to international standards for carbon accounting, helping us estimate the reduction in carbon emissions attributable to our program.

Wellbeing Activities: Using data from health and wellbeing studies, we project potential cost savings tied to improved health and well-being.

Once we understand all the above, we cross-reference with a number of data sources to provide a projection of the financial savings you could achieve through implementing a Jump programme.

3. Where We Get Our Data:

We take the sources of our data seriously, ensuring they are reliable and in line with scientific standards. Our data comes from various sources, including:

Government websites and environmental agencies, guaranteeing our alignment with national and international guidelines.

Academic research papers, keeping our approach informed by the latest sustainability research.

Utilities companies, which provide us with real-world data about energy and resource usage.

Insights from respected charities and non-profits, helping us understand and incorporate best practices.

Collaboration with Northumbria University and the Academic Health Science Network, ensuring we follow the rigorous standards of scientific research.

4. Collaboration with Northumbria University

Our calculator is the outcome of a valuable collaboration with Northumbria University. This partnership, supported by funding from SBRI Healthcare, reflects our commitment to using robust scientific research to develop solutions that support the healthcare sector's journey towards achieving net-zero carbon emissions.

5. Using User Data

We believe in the power of personalised solutions. That's why we take your unique data into account, combining it with our trusted sources to create a customised projection that aligns with your specific goals and circumstances. This method ensures that the savings estimate is as accurate as possible.

Limitations and Realism: While our calculator is a powerful tool for estimating potential savings, it's important to recognise that these are projections. Sustainability is a dynamic field, and external factors can change. So, while we use real data and reliable methodologies to make these estimates, there is always a degree of uncertainty.

Conclusion: Our Cost Savings Calculator is the result of scientific rigour, research, and collaboration. It provides a valuable glimpse into the potential environmental and financial benefits our programmes can offer. We value transparency and accuracy and are always ready to work closely with you to create a sustainable future guided by these principles.

If you have any questions or want to see our solution in action, then [book a meeting](#) with one of our team.



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Endorsed by the health economics department at Northumbria University