

# Nourishing nature: How eating local and sustainable benefits our health and the planet.

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## Introduction

Eating local and sustainable means consuming food that is grown or produced within a certain geographic area and in a way that minimizes harm to the environment. This approach to food production and consumption has several benefits, including reduced greenhouse gas emissions, increased biodiversity, and improved soil health. Eating locally means that food does not have to travel long distances to reach consumers, reducing the carbon footprint associated with transportation. Additionally, local and sustainable farming practices often rely on natural methods to manage pests and maintain soil health, which reduces the need for harmful pesticides and fertilizers [1].

Local and sustainable food production also supports biodiversity, as farmers are encouraged to grow a diverse range of crops and livestock breeds. This diversity helps to maintain healthy ecosystems and ensures that food production is not reliant on a single crop or animal species [2].

In terms of health, eating local and sustainable food has several benefits. Local produce is often fresher and more nutritious, as it has not been transported long distances and may be harvested closer to peak ripeness. Sustainable farming practices also avoid the use of harmful chemicals and promote the use of natural fertilizers, which can result in healthier soil and more nutrient-dense crops [3].

Eating locally and sustainably can also support local economies, as it often involves buying from small-scale farmers and producers. This can help to create jobs and support local communities, while also reducing the dependence on large corporations for food production.

Eating local and sustainable food has numerous benefits for both our health and the planet. Here are some of the

### key benefits:

**Reduced carbon footprint:** One of the primary benefits of eating locally and sustainably is the reduced carbon footprint associated with food transportation. When we eat food that is produced nearby, it does not have to be transported long distances, which reduces greenhouse gas emissions and helps to combat climate change.

**Improved soil health:** Sustainable farming practices prioritize the use of natural fertilizers and avoid harmful chemicals, which can improve soil health over time. This can lead to more nutrient-dense crops and healthier soil, which benefits both the environment and our health.

**Increased biodiversity:** Local and sustainable food systems often promote the use of diverse crops and livestock breeds, which can help to maintain healthy ecosystems and reduce the risk of crop failure due to disease or pests.

**Fresher, more nutritious food:** When we eat locally grown produce, we are often consuming food that is fresher and more nutritious than food that has been transported long distances. Local produce is often harvested closer to peak ripeness, which can result in higher nutrient content [4].

**Supporting local economies:** Eating locally and sustainably can support small-scale farmers and producers, which can help to create jobs and support local communities. This can also reduce the dependence on large corporations for food production.

**Reduced exposure to harmful chemicals:** Sustainable farming practices avoid the use of harmful chemicals, such as pesticides and fertilizers, which can reduce our exposure to these chemicals and their potential negative health effects.

**Better taste:** Locally grown produce is often known for its superior taste compared to produce that has been transported long distances. This can lead to a more enjoyable and satisfying eating experience.

Overall, eating locally and sustainably has numerous benefits for both our health and the planet. By making conscious choices about the food we eat, we can support more sustainable and healthy food systems, reduce our impact on the environment, and improve our own health and well-being [5].

## Conclusion

In conclusion, shifting towards a more local and sustainable food system has the potential to benefit both our health and the planet. By reducing the environmental impact of food production and consumption and supporting healthier and more diverse food options, we can work towards a more sustainable future. Eating locally and sustainably also provides an opportunity to connect with our local communities and support small-scale farmers and producers. By making

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conscious choices about the food we eat, we can make a positive impact on our health and the environment.

## References

1. Tilman D, Clark M. Global diets link environmental sustainability and human health. *Nature*. 2014;515(7528):518-22.
2. Béné C, Newsham A, Davies M, et al. Resilience, poverty and development. *J Int Dev*. 2014;26(5):598-623.
3. Drewnowski A. The Nutrient Rich Foods Index helps to identify healthy, affordable foods. *Am J Clin Nutr*. 2010;91(4):1095S-101S.
4. Remans R, Wood SA, Saha N, et al. Measuring nutritional diversity of national food supplies. *Glob Food Sec*. 2014;3(3-4):174-82.
5. Smith LC, Haddad L. Reducing child undernutrition: past drivers and priorities for the post-MDG era. *World Dev*. 2015;68:180-204.