India Footprint Analysis

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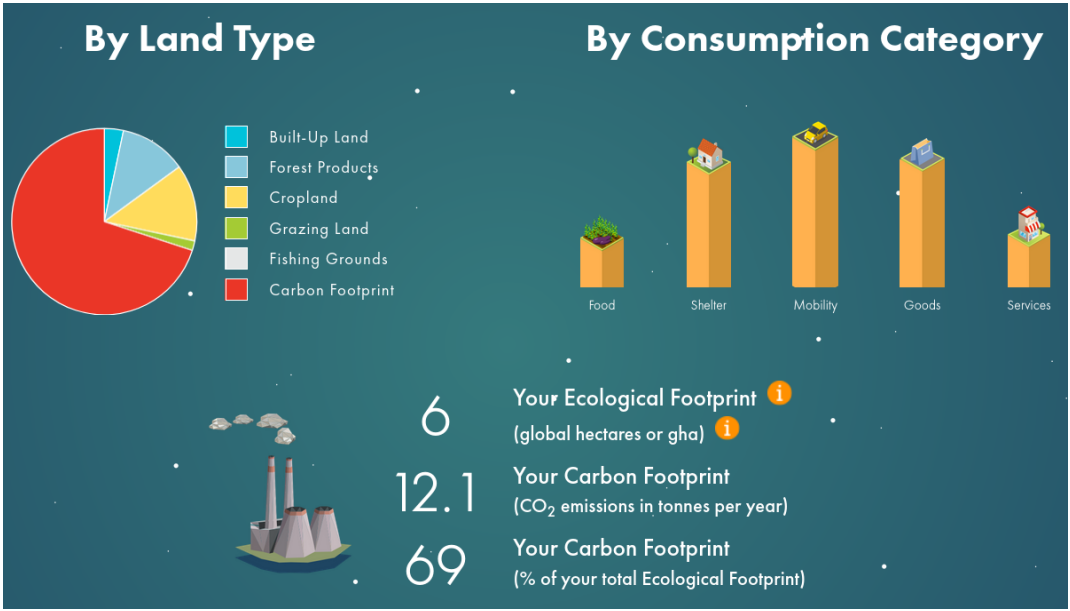
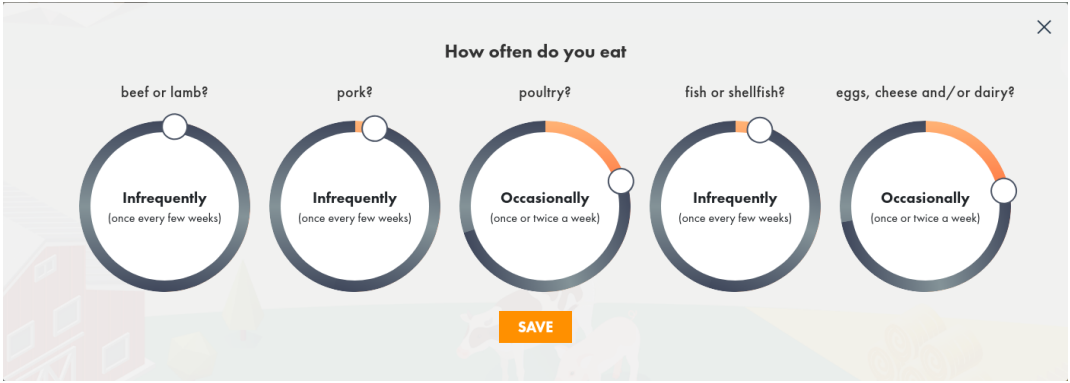
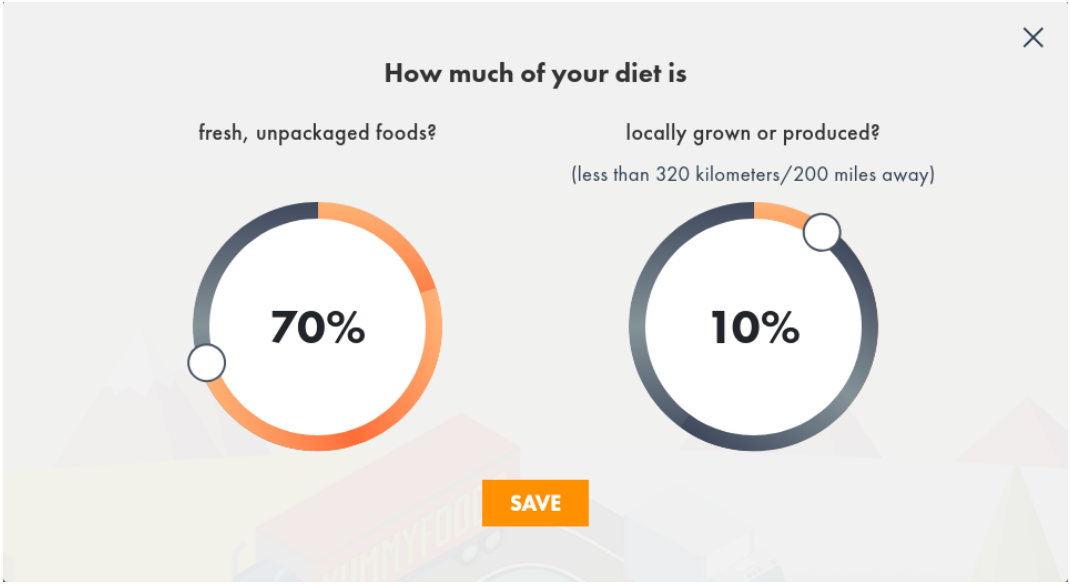
Task 1

Your personal Earth Overshoot Day is:
09. Apr
If everyone lived like you, we would need
3.7 Earths

Task 1


By Land Type
Built-Up Land
Forest Products
Cropland
Grazing Land
Fishing Grounds
Carbon Footprint
By Consumption Category
Food
Shelter
Mobility
Goods
Services
6
Your Ecological Footprint
(global hectares or gha)
12.1
Your Carbon Footprint
(CO_2 emissions in tonnes per year)
69
Your Carbon Footprint
(% of your total Ecological Footprint)


How often do you eat
beef or lamb?
Infrequently
(once every few weeks)
pork?
Infrequently
(once every few weeks)
poultry?
Occasionally
(once or twice a week)
fish or shellfish?
Infrequently
(once every few weeks)
eggs, cheese and/or dairy?
Occasionally
(once or twice a week)
SAVE

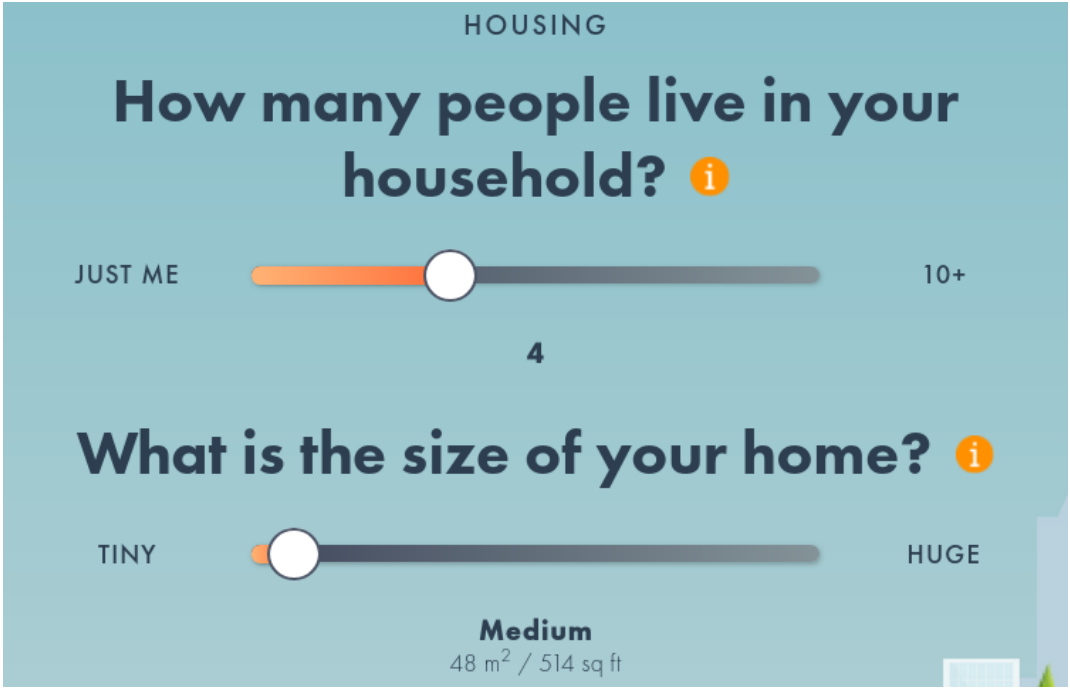

How much of your diet is
fresh, unpackaged foods?
70%
locally grown or produced?
(less than 320 kilometers/200 miles away)
10%
SAVE

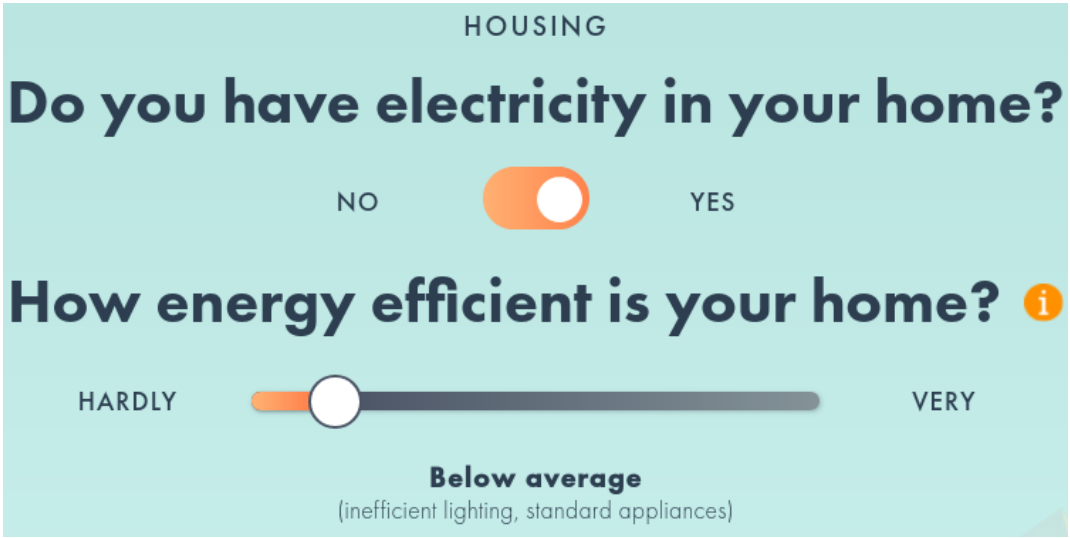
HOUSING

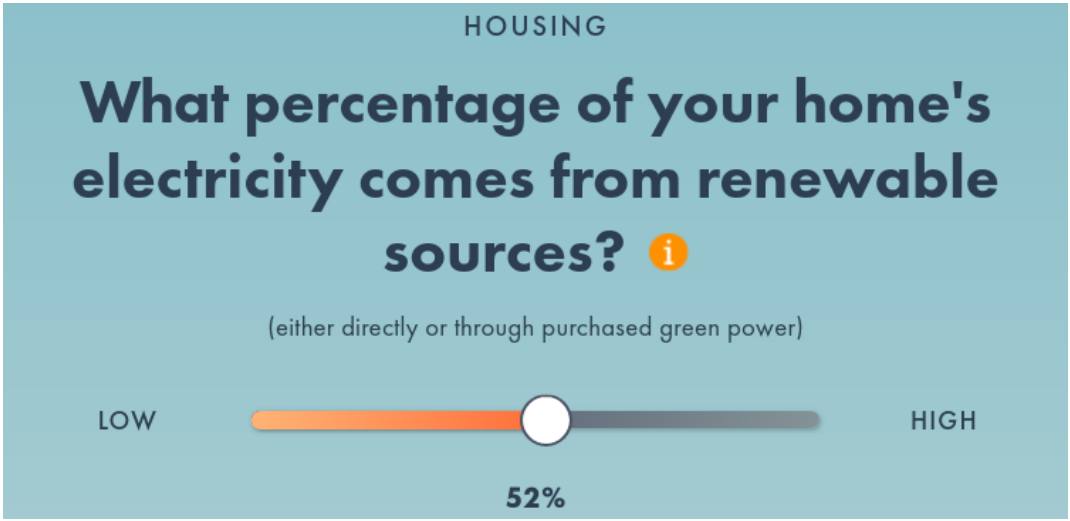
Which housing type best describes your home?

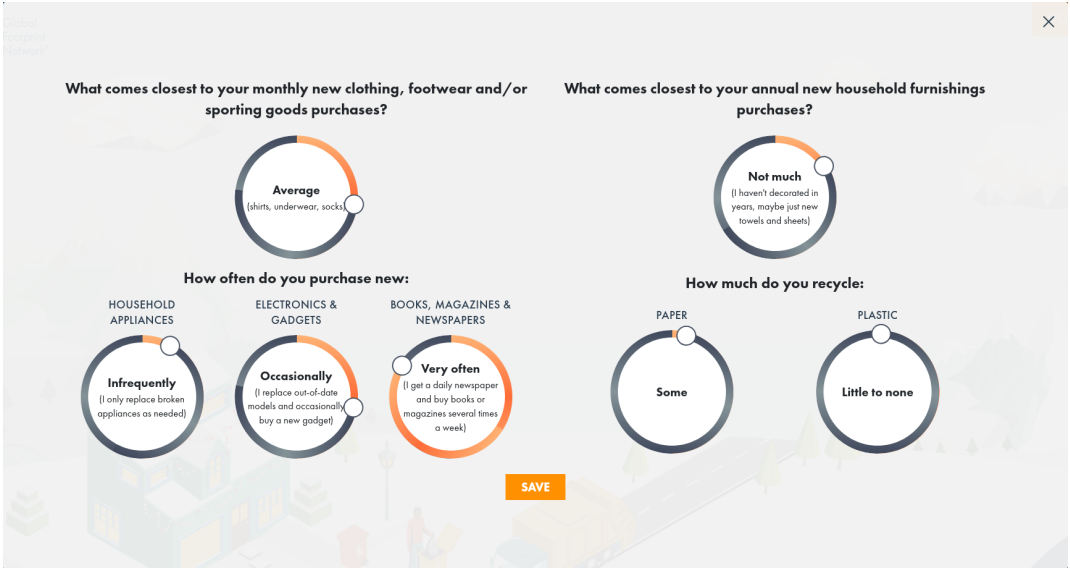
- ○ Freestanding, no running water
- ◉ Freestanding, running water
- ○ Multi-storey apartment
- ○ Duplex, row house or building with 2-4 housing units
- ○ Luxury condominium

HOUSING
What material is your house constructed with?
Straw/bamboo
Wood
Brick/concrete
Adobe
Steel/other


HOUSING
How many people live in your household?
JUST ME
10+
4
What is the size of your home?
TINY
HUGE
Medium
48 m2 / 514 sq ft


HOUSING
Do you have electricity in your home?
NO
YES
How energy efficient is your home?
HARDLY
VERY
Below average
(inefficient lighting, standard appliances)


HOUSING
What percentage of your home's electricity comes from renewable sources?
(either directly or through purchased green power)
LOW
HIGH
52%


What comes closest to your monthly new clothing, footwear and/or sporting goods purchases?
Average
(shirts, underwear, socks)
How often do you purchase new:
HOUSEHOLD APPLIANCES
Infrequently
(I only replace broken appliances as needed)
ELECTRONICS & GADGETS
Occasionally
(I replace out-of-date models and occasionally buy a new gadget)
BOOKS, MAGAZINES & NEWSPAPERS
Very often
(I get a daily newspaper and buy books or magazines several times a week)
What comes closest to your annual new household furnishings purchases?
Not much
(I haven't decorated in years, maybe just new towels and sheets)
How much do you recycle:
PAPER
Some
PLASTIC
Little to none
SAVE

TRANSPORTATION

How far do you travel by car or motorcycle each week?

(as a driver or passenger)

ZERO — VERY FAR

270 kms
169 miles

ZERO — VERY FAR

190 kms
119 miles

TRANSPORTATION

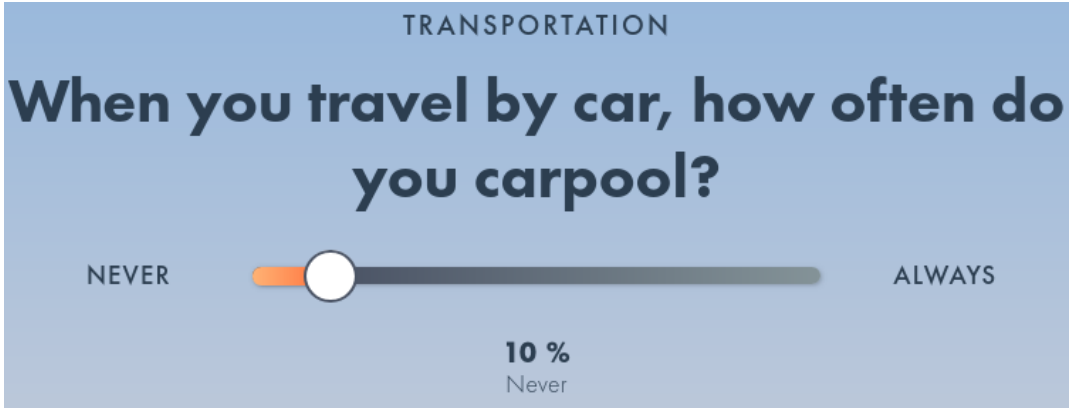
What is the average fuel economy of the vehicles you use most often?

INEFFICIENT — EFFICIENT OR ELECTRIC

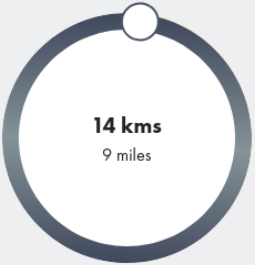
5 liters / 100 kms
45 miles /gallon

INEFFICIENT — EFFICIENT OR ELECTRIC

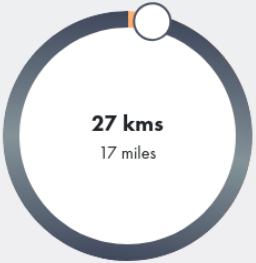
6 liters / 100 kms
38 miles /gallon


TRANSPORTATION
When you travel by car, how often do you carpool?
NEVER
ALWAYS
10 %
Never

How far do you travel each week by train?



How far do you travel each week by bus?



SAVE

TRANSPORTATION
How many hours do you fly each year?
NONE
MANY
0 Hours

References

Food Consumption:

- https://www.dataforindia.com/meat-consumption/
- https://www.mospi.gov.in/sites/default/files/publication_reports/Nutritional_Intake_in_India_L.pdf
- https://www.mospi.gov.in/sites/default/files/press_release/HCES_Report202324_Press_Note_30012025.pdf

Housing & Water Access:

- https://www.pib.gov.in/PressReleasePage.aspx?PRID=1593252
- https://www.globaldata.com/data-insights/macroeconomic/average-household-size-in-india-2096125/
- https://en.wikipedia.org/wiki/Housing_in_India
- https://worldpopulationreview.com/country-rankings/house-size-by-country
- https://en.wikipedia.org/wiki/Renewable_energy_in_India

Waste Management:

- https://thecsruniverse.com/articles/india-s-waste-management-scenario-challenges-and-recycling-capacities

Transportation:

- https://www.acma.in/uploads/auto-news/research_and_method.pdf
- https://theicct.org/wp-content/uploads/2022/05/India-FC-Standards-Fact-Sheet-2020.pdf
- https://prsindia.org/budgets/parliament/demand-for-grants-2022-23-analysis-railways