



The German Longitudinal Environmental Study (GLEN)

Codebook Wave 1a
Survey mode: CAWI, PAPI
2025

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Preface

Notation

The following information is included for each question:

- Variable name
- Question text and, if applicable, instructions for completion
- Response format; at the end of the question, special features in the answer format are noted, for example, mandatory responses, permitted value ranges for open entries and dropdown menus
- Filters

Differences by survey mode

The survey was administered in both an online format and a paper-and-pencil format („PAPI“: paper and pencil interview). In developing the questionnaire, efforts were made to minimize differences between the survey modes. The survey mode is given by the variable `intmode` with (`intmode = 1`) for CAWI and (`intmode = 2`) for PAPI.

Any deviations that were necessary are documented in the codebook:

- Questions asked only in one mode are indicated in the filter.
- Items present only in the PAPI questionnaire are printed in **green**. Items only available in CAWI mode are printed in **blue**.

Question display

The presentation of questions in the codebook is not identical to the respondents' view of the questionnaire. For an impression of the questionnaire layout, please refer to the screenshots and the paper questionnaire.

All questions were programmed with responsive design, meaning that scales are displayed differently on large and small screens. On large screens, most scales are displayed horizontally, while on small screens (for example, smartphones) they appear vertically. Item batteries are split into single items on small screens with answer scales displayed vertically.

Codebook

CAWI
Welcome to the study "Quality of Life and Environment"!

We are glad you are willing to share your opinions and experiences with us once again.

[[If recruitment survey was CAWI:
As always, you will receive a thank-you gift once you have completed the survey. Stick with it, it's worth it!]]

You can find information on data protection here [link to the LUM data protection page]. For answers to frequently asked questions, please click here [link to the LUM FAQ page].

We thank you very much for your participation we hope you enjoy answering the questions!

PAPI
Dear participant,
We are glad you are taking part in our survey.

Before you get started:

- There are no right or wrong answers. It is your personal opinion that matters!
- Participation is voluntary. Your responses will be treated with strict confidentiality and evaluated only in anonymized form. The results cannot be traced back to you.
- Please complete the questionnaire within the next two weeks if possible.
- You can either fill out the questionnaire online or on paper. If you have already completed the online survey, there is nothing else you need to do.

Do you have any questions?
You can reach us free of charge at 0800 100 14 25 or by e-mail (LUM@veriangroup.com).

Thank you for your support!
The LUM Study Team

1. sat1

All in all, how satisfied are you with your life at the moment?

Not at all satisfied	0	1	2	3	4	5	6	7	8	9	10	Very satisfied
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

2. lsr1

First, let's talk about everyday life and free time.
How often have you engaged in the following activities during your leisure time in the past 4 weeks?

- lsr1i8 Meeting friends
- lsr1i9 Relaxing, doing nothing
- lsr1i3 Watching TV, movies, series, or videos
- lsr1i10 Indoor sports, exercise
- lsr1i11 Outdoor sports, exercise
- lsr1i12 Other outdoor activities, e. g., walking, gardening

(Almost) daily	☐ 1
Several times a week	☐ 2
Once a week	☐ 3
Several times a month	☐ 4
Less often	☐ 5
(Almost) never	☐ 6

3. nut1

On average, how often have you eaten the following foods in the last 4 weeks?

- nut1i1 Fresh fruit, vegetables, salad
nut1i2 Fish, seafood
nut1i3 Beef, lamb
nut1i4 Other meat, sausage
nut1i5 Dairy products, eggs, cheese
nut1i6 Sweets, sweet pastries, salty snacks

- (Almost) daily ☐ 1
Several times a week ☐ 2
Once a week ☐ 3
Several times a month ☐ 4
Less often ☐ 5
(Almost) never ☐ 6

4. nut3

How true are the following statements for you?

- nut3i1 If there are leftovers from a home-cooked meal, I save them to eat later.
nut3i2 When shopping for groceries, I decide what to buy spontaneously in the store.
nut3i3 I throw food away once it has passed its best-before date.

- Not true at all ☐ 1
Not true ☐ 2
Neutral ☐ 3
True ☐ 4
Completely true ☐ 5

5. nut2

How often do you consciously choose the following products when buying food, if they are available?

- nut2i1 Regional products
- nut2i2 Organic products
- nut2i3 Fairtrade products
- nut2i4 Low-calorie products
- nut2i5 Special offers

- (Almost) always ☐ 1
- Often ☐ 2
- Sometimes ☐ 3
- Rarely ☐ 4
- (Almost) never ☐ 5
- Don't know ☐ -1

6. csm2

When you think about shopping in stores or online, how true are the following statements?
I like to buy ...

- csm2i1 ... clothes and shoes
- csm2i2 ... furnishings and decorations
- csm2i3 ... technology and electronics

- Not true at all ☐ 1
- Not true ☐ 2
- Neutral ☐ 3
- True ☐ 4
- Completely true ☐ 5

7. psy4

Let's move on to how you are doing.

How have you been feeling over the past 2 weeks?

- psy4i1 Angry
- psy4i2 Lonely
- psy4i3 Overburdened
- psy4i4 Under pressure
- psy4i5 Happy
- psy4i6 Stressed

- Not true at all ☐ 1
- Not true ☐ 2
- Neutral ☐ 3
- True ☐ 4
- Completely true ☐ 5

8. hlt3

In general, how would you rate your physical health?

- Bad ☐ 1
- Not so good ☐ 2
- Satisfactory ☐ 3
- Good ☐ 4
- Very good ☐ 5

This question may only be used in own surveys with the consent of the German PROMIS National Center. Hints on the presentation of the questionnaire text in publications are given in the GLEN Instrument Reference Manual.

9. hlt4

To what extent are you able to carry out your everyday physical activities such as walking, climbing stairs, carrying groceries, or moving a chair?

- Not at all ☐ 1
- A little ☐ 2
- Moderately ☐ 3
- Mostly ☐ 4
- Completely ☐ 5

This question may only be used in own surveys with the consent of the German PROMIS National Center. Hints on the presentation of the questionnaire text in publications are given in the GLEN Instrument Reference Manual.

10. hlt5

Some people experience pain over a long period of time. What has your experience been like?
In the past 2 weeks, how would you rate your pain on average?

No pain	0	1	2	3	4	5	6	7	8	9	10	Worst pain imaginable
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

This question may only be used in own surveys with the consent of the German PROMIS National Center. Hints on the presentation of the questionnaire text in publications are given in the GLEN Instrument Reference Manual.

11. hlt6

Some people also experience daytime fatigue. In the past 2 weeks, how would you rate your fatigue on average?

None	☐ 1
Mild	☐ 2
Moderate	☐ 3
Severe	☐ 4
Very severe	☐ 5

This question may only be used in own surveys with the consent of the German PROMIS National Center. Hints on the presentation of the questionnaire text in publications are given in the GLEN Instrument Reference Manual.

12. hlt7

In the past 2 weeks, how many hours have you slept per weeknight, on average?

Please do not include afternoon naps.

Approx. __ hours

Don't know ☐ -1

Response format: Limited to decimals ≤ 24

13. sat3

How satisfied are you with your sleep over the past two weeks?

Not at all satisfied	0	1	2	3	4	5	6	7	8	9	10	Very satisfied
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

14. psy5

Over the last two weeks, how often have you been bothered by the following problems?

- psy5i1 Feeling nervous, anxious or on edge
psy5i2 Little interest or pleasure in doing things
psy5i3 Not being able to stop or control worrying
psy5i4 Feeling down, depressed or hopeless

- Not at all ☐ 1
Several days ☐ 2
More than half the days ☐ 3
Nearly every day ☐ 4

15. mob1

Now let's talk about transport.

How often do you currently use the following modes of transport?

Please think about the past 4 weeks, excluding any time spent on vacation.

- mob1i7 Car, motorcycle, scooter (also as a passenger)
mob1i2 E-Bike
mob1i3 Bicycle
mob1i4 E-scooter
mob1i5 Train / bus in the city and region
mob1i6 Train / long-distance bus for longer journeys

- (Almost) daily ☐ 1
Several times a week ☐ 2
Once a week ☐ 3
Several times a month ☐ 4
Less often ☐ 5
(Almost) never ☐ 6

16. mob3

How often do you walk to your destination?

Please think about the past 4 weeks, excluding any time spent on vacation.

- (Almost) daily ☐ 1
Several times a week ☐ 2
Once a week ☐ 3
Several times a month ☐ 4
Less often ☐ 5
(Almost) never ☐ 6

17. mob4

Do you have a driver's license?

Yes ☐ 1

No ☐ 0

18. mob5

Do you have a season ticket for public transport for this month, for example the Deutschland-Ticket?
(including student pass, semester ticket, job ticket, or a regional monthly pass)

mob5i1 Yes, Deutschland-Ticket

mob5i2 Yes, other season ticket

mob5i3 No

Mentioned ☐ 1

Not mentioned ☐ 0

PLEASE NOTE

Mode-specific presentation of questions on vehicles used

CAWI:

After the question about the number of cars used, questions about up to three cars were asked in a loop. First, three questions about the first car were asked. Then, if applicable, the same questions about the second and third cars were asked. The variables for the 1st/2nd/3rd car are marked with the suffix *ax*. After the questions about cars, the question about the number of motorcycles, mopeds, or scooters used were posed, followed by questions about a maximum of two two-wheeled vehicles. The variables for the 2nd/ resp. 3rd two-wheeled vehicles are marked with the suffix *mx*.

PAPI:

The number of cars and motorcycles used was collected in a single question. This was followed by questions about the three most frequently used vehicles. The answers were recorded in a table with one column for each vehicle. The variables for the 1st, 2nd, and 3rd vehicle are marked with the suffix *nx*.

19. mob6

CAWI

Do you regularly use cars belonging to your household for personal purposes, either as a driver or passenger? If so, how many?

Commuting to work is considered private use, but trips made during working hours are not.

mob6i1 Yes, __ car(s)

No ☐ 0

PAPI

Do you regularly use motorized vehicles belonging to your household for personal purposes, either as a driver or passenger?

Commuting to work is considered private use, but trips made during working hours are not.

No → Continue with question 27 [mob10] ... ☐ 0

Yes, namely ... (please enter the number)

mob6i1 __ car(s)

mob6i2 __ motorcycles, scooters, or mopeds

Antwortformat: Dropdown menu: 1; 2; ... 5; more than 5

20. mob7ax with x=[1;3]

1st iteration (mob7a1): [if more than three cars (mob6i1>3): We are interested in your three most frequently used cars.] **Please provide details for the car** [if more than one car (mob6i1>1): you use most frequently].
[if more than one car (mob6i1>1): 2nd iteration (mob7a2): Now for the second car.]
[if more than two cars (mob6i1>2): 3rd iteration (mob7a3): Finally, for the third car.]

To which vehicle class does your car belong?

- Small (e. g., VW Polo, Opel Corsa) ☐ 1
- Compact (e. g., Audi A4, VW Golf) ☐ 2
- Full-size (e. g., Mercedes E-Klasse, BMW 5 series) ☐ 3
- SUV or van (e. g., BMW X1, VW Touran) ☐ 4

- Don't know ☐ -1

Filter: Only CAWI; if at least one car used (intmode = 1 & mob6i1 ≥ 1)

21. mob8ax with x=[1;3]

Which type of fuel does the car run on?

- Diesel ☐ 1
- Gasoline ☐ 2
- Plug-in hybrid that can be charged from a power outlet ☐ 3
- Hybrid that cannot be charged from a power outlet (micro or full hybrid) ☐ 4
- Electricity (electric car) ☐ 5
- Natural gas or liquefied petroleum gas (LPG) ☐ 6
- Hydrogen ☐ 7

- Don't know ☐ -1

Filter: Only CAWI; if at least one car used (intmode = 1 & mob6i1 ≥ 1)

22. mob9ax with x=[1;3]

How many kilometers have you driven or been driven in this car for personal purposes in the last 12 months?

Please also include your commute to work.

- | | |
|--------------------------|-----------------------------|
| Up to 5.000 km | ☐ 1 |
| 5.001 - 10.000 km | ☐ 2 |
| 10.001 - 15.000 km | ☐ 3 |
| 15.001 - 20.000 km | ☐ 4 |
| 20.001 - 30.000 km | ☐ 5 |
| 30.001 - 40.000 km | ☐ 6 |
| Over 40.000 km | ☐ 7 |
| Don't know | ☐ -1 |

Filter: Only CAWI; if at least one car used (intmode = 1 & mob6i1 ≥ 1)

23. mob6i2

Do you regularly use motorcycles, scooters, or mopeds belonging to your household for personal purposes, either as a driver or passenger? If so, how many?

Commuting to work is considered private use, but trips made during working hours are not.

- | | |
|--|----------------------------|
| Yes, ____ motorcycles, scooters, or mopeds | |
| No | ☐ 0 |

Response format: Dropdown menu: mob6i2: 1; 2; ...; 5; more than 5

Filter: Only CAWI (intmode = 1)

24. mob7mx with x=[1;2]

1st iteration: [if more than two two-wheeled vehicles (mob6i2>2): We are interested in your two most frequently used two-wheeled vehicles.]

Please now provide details for the motorcycle/scooter/moped [if more than 2 two-wheeled vehicles (mob6i2≥1): that you use most frequently].

[if more than one two-wheeled vehicle (mob6i1>1): 2nd iteration: Now for the second motorcycle/scooter/moped.]

What type is it?

- | | |
|------------------------|-----------------------------|
| Motorcycle | ☐ 5 |
| Scooter or moped | ☐ 6 |
| Don't know | ☐ -1 |

Filter: Only CAWI; if at least one motorcycle/scooter/moped used (intmode = 1 & mob6i2 ≥ 1)

25. mob8mx with x=[1;2]

Which type of fuel does your motorcycle [if scooter/moped (mob7mnx = 6): scooter/moped] **run on?**

- Gasoline ☐ 2
Electricity (e-motorcycle, e-scooter) ☐ 5
Other ☐ 8
- Don't know ☐ -1

Filter: Only CAWI; if at least one motorcycle/scooter/moped used (intmode = 1 & mob6i2 ≥ 1)

26. mob9mx with x=[1;2]

How many kilometers have you driven or been driven with this motorcycle [if scooter/moped (mob7mnx = 6): scooter/moped] **for personal purposes** in the last 12 months?

Please also include your commute to work.

- Up to 5.000 km ☐ 1
5.001 - 10.000 km ☐ 2
10.001 - 15.000 km ☐ 3
15.001 - 20.000 km ☐ 4
20.001 - 30.000 km ☐ 5
30.001 - 40.000 km ☐ 6
Over 40.000 km ☐ 7
- Don't know ☐ -1

Filter: Only CAWI; if at least one motorcycle/scooter/moped used (intmode = 1 & mob6i2 ≥ 1)

27. mob7nx with x=[1;3]

You can provide details for up to 3 of these vehicles.

If you use less than 3 vehicles, simply leave the remaining columns blank.

To which vehicle class does the vehicle belong?

- Small (e. g., VW Polo, Opel Corsa) ☐ 1
Compact (e. g., Audi A4, VW Golf) ☐ 2
Full-size (e. g., Mercedes E-Klasse, BMW 5 series) ☐ 3
SUV or van (e. g., BMW X1, VW Touran) ☐ 4
Motorcycle ☐ 5
Scooter or moped ☐ 6
- Don't know ☐ -1

Filter: Only PAPI; if at least one motorized vehicle used (intmode = 2 & (mob6i1 ≥ 1 | mob6i2 ≥ 1))

28. mob8nx with x=[1;3]

Which type of fuel does the vehicle run on?

- Diesel ☐ 1
- Gasoline ☐ 2
- Plug-in hybrid that can be charged from a power outlet ☐ 3
- Hybrid that cannot be charged from a power outlet (micro or full hybrid) ☐ 4
- Electricity (electric car) ☐ 5
- Natural gas or liquefied petroleum gas (LPG) ☐ 6
- Hydrogen ☐ 7

- Don't know ☐ -1

Filter: Only PAPI; if at least one motorized vehicle used (intmode = 2 & (mob6i1 ≥ 1 | mob6i2 ≥ 1))

29. mob9nx with x=[1;3]

How many kilometers have you driven or been driven with this vehicle for personal purposes in the last 12 months?

Please also include your commute to work.

- Up to 5.000 km ☐ 1
- 5.001 - 10.000 km ☐ 2
- 10.001 - 15.000 km ☐ 3
- 15.001 - 20.000 km ☐ 4
- 20.001 - 30.000 km ☐ 5
- 30.001 - 40.000 km ☐ 6
- Over 40.000 km ☐ 7

- Don't know ☐ -1

Filter: Only PAPI; if at least one motorized vehicle used (intmode = 2 & (mob6i1 ≥ 1 | mob6i2 ≥ 1))

PLEASE NOTE

Mode-specific presentation of the flight questions

In the CAWI, the number of flights was collected using an introductory filter question (mob10), followed by four separate items for different distance categories (mob11).

In the PAPI, a more compact presentation was used: Respondents were asked to provide information for all four distance categories at once, or alternatively, to indicate that they had not flown at all.

30. mob10

Have you flown for personal purposes in the last 12 months?

Yes ☐ 1

No ☐ 0

Filter: Only CAWI (intmode = 1)

31. mob10 | mob11

[CAWI: How often have you flown for personal purposes in the last 12 months?]

[PAPI: Have you flown for personal purposes in the last 12 months?]

A round trip = 1 flight; a one-way flight = 0.5 flights.

[PAPI: mob10

No ☐ 0

Yes, namely ...]

mob11i1 Short-haul (up to 2 hours), e. g., *[CAWI: Hamburg - München,]* Frankfurt - London:

mob11i2 Medium-haul (up to 3.5 hours), e. g., Düsseldorf - Mallorca *[CAWI: Berlin - Istanbul]:*

mob11i3 Long-haul (up to 7 hours) e. g., Frankfurt - Dubai *[CAWI: Stuttgart - Teneriffa]:*

mob11i4 Ultra-long-haul (more than 7 hours), e. g., Berlin - New York *[CAWI: München - Bangkok]:*

__ flights

Not at all ☐ 0

Response format: Only decimals

Filter: mob11: if flown in the last 12 months (mob10 = 1)

32. csm3

Now we would like to ask about vacations.

Have you been on vacation in the last 12 months? If yes, which type(s) of vacation?

Please select all that apply.

csm3i1 No, I have not been on vacation. *[PAPI: → Continue with question 33 [area4]]*

Yes, namely ...

csm3i2 City trip, sightseeing, culture

csm3i3 Relaxation / wellness

csm3i4 Cruise

csm3i5 Beach

csm3i6 Skiing

csm3i7 Active vacation (e. g., hiking, cycling)

csm3i8 Visiting family

csm3i9 Other, namely: _____ (csm3i9o)

Mentioned ☐ 1

Not mentioned ☐ 0

Response format: csm3i1 cannot be combined with other responses

33. csm4

How often have you gone on vacation in the last 12 months?

csm4i1 Short trip with 1 to 3 overnight stays

csm4i2 Trip with 4 to 7 overnight stays

csm4i3 Trip with 8 or more overnight stays

Not at all ☐ 1

Once ☐ 2

Several times ☐ 3

Don't know ☐ -1

Filter: If gone on vacation in the last 12 months (csm3i1 ≠ 1|-2)

34. csm5

Please think of the longest trip you have taken in the last 12 months.

How many days did it last?

___ days

Response format: Dropdown menu: 1; 2; ...; 30; more than 30 days

Filter: If gone on vacation in the last 12 months (csm3i1 ≠ 1|-2)

35. csm6

What type of accommodation did you use on this trip?

If you stayed in multiple locations, please refer to the accommodation you spend the most time in.

- | | |
|---|----------------------------|
| In a 5-star hotel | ☐ 1 |
| In a hotel with up to 4 stars | ☐ 2 |
| In a guesthouse, youth hostel, or hostel | ☐ 3 |
| In an apartment / vacation rental | ☐ 4 |
| With friends, relatives, or acquaintances | ☐ 5 |
| At a campsite | ☐ 6 |
| On a cruise ship | ☐ 7 |
| Other, namely: _____ (csm6o) | ☐ 8 |

Filter: If gone on vacation in the last 12 months (csm3i1 ≠ 1|-2)

36. area4

Now let's turn to your home.

Please think about changes in the landscape in the area where you live.

To what extent do you agree with the following statements?

- | | |
|---------|--|
| area4i1 | It saddens me to see how much of the landscape here has been lost. |
| area4i2 | There are changes to the landscape here that really annoy me. |
| area4i3 | Overall, I think the landscape has changed for the better. |
| area4i4 | The landscape has not changed much in the past few years. |

- | | |
|-------------------------|-----------------------------|
| Strongly disagree | ☐ 1 |
| Disagree | ☐ 2 |
| Neutral | ☐ 3 |
| Agree | ☐ 4 |
| Strongly agree | ☐ 5 |
| Don't know | ☐ -1 |

37. ewe1

In the last three years, have you experienced any of the following in the area where you live?
Please indicate all that apply.

- ewe1i1 Extreme heat (e. g., recommendations to avoid spending time outdoors)
- ewe1i2 Extreme dryness or drought (e. g., water consumption restrictions)
- ewe1i3 Storm (e. g., recommendations to stay indoors)
- ewe1i4 Flooding (due to high water or heavy rain)
- ewe1i5 Forest fire, wildfire
- ewe1i6 None of the above

Mentioned ☐ 1

Not mentioned ☐ 0

Response format: ewe1i6 cannot be combined with other responses

38. home21

How much do the following types of noise bother you when your windows are open?

- home21i1 Road traffic noise
- home21i2 Railway noise
- home21i3 Aircraft noise

Not at all 1 2 3 4 5 6 7 Extremely

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

39. home22

How about when the windows are closed?

- home22i1 Road traffic noise
- home22i2 Railway noise
- home22i3 Aircraft noise

No disturbance ☐ 1

Somewhat better ☐ 2

Unchanged ☐ 3

40. home3

What type of building do you live in?

If you have several places of residence, please refer to your main residence.

- Detached house with 1 to 2 apartments ☐ 1
Terraced house or semi-detached house with 1 to 2 apartments ☐ 2
Residential building with 3 to 12 apartments ☐ 3
Residential building with 13 or more apartments ☐ 4

41. home4

When was your house built?

If you don't know the exact year, please make an educated guess.

- Before 1919 ☐ 1
1919 – 1948 ☐ 2
1949 – 1969 ☐ 3
1970 – 1994 ☐ 4
1995 – 2009 ☐ 5
2010 – 2015 ☐ 6
Since 2016 ☐ 7
- Don't know ☐ -1

42. home5

Does at least one window in your bedroom face the street?

- Yes ☐ 1
No ☐ 0

43. home2

Do any other people live in your household?

- Yes, __ other people
No, I live alone ☐ 0

Response format: Dropdown menu: 1; 2; ...; 10; more than 10

44. home6

Who else lives in your household?

Please select all that apply.

- home6i1 My parents / one parent
- home6i2 My partner
- home6i3 My child / children (including stepchildren, foster children, and adopted children)
- home6i4 Other relatives
- home6i5 Roommates
- home6i6 Other persons

Mentioned ☐ 1

Not mentioned ☐ 0

Filter: If not living alone (home2 > 0)

45. home7

How many people in your household are under 14?

__ person(s)

No one is younger than 14 years. ☐ 0

Response format: Dropdown menu: 1; 2; ...; 10; more than 10

Filter: If not living alone (home2 > 0)

46. home8

Do you have any pets? If so, what kind and how many?

home8i1 No, I do not have any pets.

Mentioned ☐ 1

Not mentioned ☐ 0

Yes, namely:

home8i2 __ dog(s)

home8i3 __ cat(s)

home8i4 __ hors(es)

home8i5 Other pets, namely: _____ (home8i5o)

Response format: Items 2–4: Dropdown menu: 1; 2; ...; 5; more than 5

47. home9

How big is your home?

Please do not include basements, garages, balconies, or terraces.

If you do not know the exact size, please make an educated guess.

- | | |
|------------------------------------|-----------------------------|
| Up to 30 m ² | ☐ 1 |
| 31 – 60 m ² | ☐ 2 |
| 61 – 90 m ² | ☐ 3 |
| 91 – 120 m ² | ☐ 4 |
| 121 – 150 m ² | ☐ 5 |
| 151 – 200 m ² | ☐ 6 |
| 201 – 300 m ² | ☐ 7 |
| More than 300 m ² | ☐ 8 |
| Don't know | ☐ -1 |

48. home10

How many rooms does your home have?

Please do not include kitchens, bathrooms, garages, balconies, hallways, storage areas, or pantries.

___ rooms

Response format: Dropdown menu: 1; 2; ...; 10; more than 10; in PAPI half rooms were accepted

49. home11

To what temperature do you heat your home in winter?

Please refer to the room in which you spend most of your time.

- | | |
|---|-----------------------------|
| Below 18° | ☐ 1 |
| 18° to below 19° | ☐ 2 |
| 19° to below 21° (heater level 3) | ☐ 3 |
| 21° to below 23° | ☐ 4 |
| Above 23° | ☐ 5 |
| Don't know | ☐ -1 |

50. home12

What heating system(s) do you use to heat your home?

Please list all heating systems you use.

Main system

- home12n1i1 Gas (including liquefied petroleum gas or biogas)
home12n1i2 Heating oil
home12n1i3 District heating
home12n1i4 Heat pump (including air conditioning)
home12n1i5 Electric heating, for example, night storage heating [CAWI: fan heaters]
home12n1i6 Wood, wood pellets
home12n1i7 Coal, coal briquettes
home12n1i8 Don't know

Additional

- home12n2i1 Gas (including liquefied petroleum gas or biogas)
home12n2i2 Heating oil
home12n2i3 District heating
home12n2i4 Heat pump (including air conditioning)
home12n2i5 Electric heating, for example, night storage heating [CAWI: fan heaters]
home12n2i6 Wood, wood pellets
home12n2i7 Coal, coal briquettes
home12n2i8 Don't know

Mentioned ☐ 1
Not mentioned ☐ 0

Response format: „don't know“ can be combined with other responses

51. home13

How often do you turn down the heating when leaving your home for several hours?

- (Almost) never ☐ 1
Rarely ☐ 2
Sometimes ☐ 3
Often ☐ 4
(Almost) always ☐ 5

52. home14

Have any renovations been carried out on your building over the last 15 years?

Please indicate all that apply.

- home14i1 Insulation of the roof or top floor ceiling
- home14i2 Insulation of exterior walls
- home14i3 Insulation of the basement ceiling
- home14i4 New windows
- home14i5 New heating system
- home14i6 Ventilation system with heat recovery
- home14i7 No, none of the above

Mentioned ☐ 1
Not mentioned ☐ 0
Don't know ☐ -1

Response format: home14i7 and „don't know“ cannot be combined with other responses; in PAPI „don't know“ can be combined with other responses

53. home15

Do you have a solar power system to generate electricity or hot water?

Please select all that apply.

- home15i1 Yes, a balcony power plant (small solar power system for balconies, gardens or garages)
- home15i2 Yes, a photovoltaic system (large solar power system)
- home15i3 Yes, a solar power system for hot water
- home15i4 Yes, but I don't know what type.
- home15i5 No

Mentioned ☐ 1
Not mentioned ☐ 0
Don't know ☐ -1

Response format: home15i5 cannot be combined with other responses

54. home16

How much electricity does your household consume?

If you do not know the exact consumption, please make an educated guess.

Please indicate the cost or the consumption.

Please enter whole numbers only.

_____ kWh / year (home16o1)

_____ € / month (home16o2)

Don't know ☐ -1

55. home17

Do you source green electricity?

Yes ☐ 1

No ☐ 0

Don't know ☐ -1

56. home18

Do you also live in another apartment or house? This could be a second home or vacation home.

Yes ☐ 1

No ☐ 0

57. home19

Which of the following appliances do you have in your household?

Please indicate all that apply.

home19i1 Freezer

home19i2 Microwave

home19i3 Dishwasher

home19i4 Washing machine

home19i5 Tumble dryer

home19i6 Portable air conditioner

home19i7 None of the above

Mentioned ☐ 1

Not mentioned ☐ 0

Response format: home19i7 cannot be combined with other responses

58. home20

How many of the following devices do you use?

Please select all that apply.

Please do not include devices that you mainly use for work.

home20i1 Desktop PCs

home20i2 Laptops, notebooks

home20i3 Tablets, smartphones

home20i4 Televisions

None ☐ 1

One device ☐ 2

Several devices ☐ 3

59. env1

The next set of questions is about environmental issues.

Our daily behavior is guided by some extent by environmental concerns.

In general, to what extent do you behave in an environmentally conscious manner?

Not at all ☐ 1

Not very ☐ 2

Neutral ☐ 3

Somewhat ☐ 4

Very ☐ 5

Don't know ☐ -1

60. env2

If you think carefully about following statements, to what extent you agree with them?

env2i1 I only behave in an environmentally conscious manner, *when others do too*.

env2i2 I behave in an environmentally conscious manner, *regardless of what others do*.

Strongly disagree ☐ 1

Disagree ☐ 2

Neutral ☐ 3

Agree ☐ 4

Strongly agree ☐ 5

Don't know ☐ -1

61. env3

What about the people around you? To what extent do you agree with the following statements?

- env3i1 I think the people around me *should* behave in an environmentally conscious manner.
 env3i2 Most people around me *expect me* to behave in an environmentally conscious manner.
 env3i3 Most people around me behave in an environmentally conscious manner.

Strongly disagree ☐ 1
 Disagree ☐ 2
 Neutral ☐ 3
 Agree ☐ 4
 Strongly agree ☐ 5
 Don't know ☐ -1

62. env4

What about environmental issues in general? To what extent do you agree with the following statements?

- env4i1 It worries me to think about the environmental conditions that our children and grandchildren will likely live in.
 env4i2 If we carry on as we are, we are heading for an environmental disaster.
 env4i3 The industrialized world has already exceeded or will soon reach the limits of growth.
 env4i4 Many environmental problems are greatly exaggerated.
 env4i5 Politicians are doing far too little to protect the environment.
 env4i6 For the sake of the environment, we should all be willing to reduce our standard of living.

Strongly disagree ☐ 1
 Disagree ☐ 2
 Neutral ☐ 3
 Agree ☐ 4
 Strongly agree ☐ 5

63. env5

In our society, some people produce a lot of carbon emissions, while others produce very little. Where would you place your own carbon emissions in comparison to those of other people in Germany?

Very low 1 2 3 4 5 6 7 Very high
 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
 Don't know ☐ -1

64. env6

How often do you separate recyclable materials such as glass, plastic, and paper from your general waste?

- (Almost) never ☐ 1
 Rarely ☐ 2
 Sometimes ☐ 3
 Often ☐ 4
 (Almost) always ☐ 5

65. pol9

Let's talk about social issues.

How much do you trust the following public institutions, organizations, or groups?

- pol9i1 European Union
 pol9i2 Federal Government
 pol9i3 (Political) parties
 pol9i4 Science
 pol9i5 City and municipal administration
 pol9i6 Public broadcasting

Not at all 1 2 3 4 5 6 7 Completely
☐ ☐ ☐ ☐ ☐ ☐ ☐

66. med4

Over the past four weeks, how often have you used the following sources to keep up to date with current political events in Germany?

- med4i1 Television, including media libraries
 med4i2 Daily newspapers (printed or digital)
 med4i3 News websites or apps for smartphones
 med4i4 Radio, including web radio
 med4i5 Social media
 med4i6 Other sources, namely: _____ (med4i6o)

- (Almost) daily ☐ 1
 Several times a week ☐ 2
 Once a week ☐ 3
 Several times a month ☐ 4
 Less often ☐ 5
 (Almost) never ☐ 6

67. eng1

People can campaign for or against various political and social goals in different ways.

Have you done any of the following in the last 12 months ?

Please select all that apply and specify the activities involved.

- eng1i1 Participation in demonstrations
→ What was it about? _____ (eng1i1o)
- eng1i2 Participation in disruptive actions, blockades, or occupations
→ What was it about? _____ (eng1i2o)
- eng1i3 Signing signature lists, petitions, or citizens' initiatives, including online
→ What was it about? _____ (eng1i3o)
- eng1i4 Writing letters to editors or political articles, including online / social media
→ What was it about? _____ (eng1i4o)
- eng1i5 Participation in citizens' initiatives
→ What was it about? _____ (eng1i5o)
- eng1i6 Participation in official citizens' councils or citizens' advisory boards
→ What was it about? _____ (eng1i6o)
- eng1i7 Boycotting certain products or companies
→ What was it about? _____ (eng1i7o)
- eng1i8 None of the above

Mentioned ☐ 1

Not mentioned ☐ 0

Response format: eng1i8 cannot be combined with other responses

68. pol12

Where do you stand on the goal of transforming German society to be more environmentally and climate-friendly?

- Strongly opposed ☐ 1
- Somewhat opposed ☐ 2
- Neutral ☐ 3
- Somewhat in favor ☐ 4
- Strongly in favor ☐ 5

69. att4

People have different views on climate change. We are interested in your opinion. To what extent do you agree with the following statements?

- att4i1 The evidence for climate change is unreliable.
att4i2 Climate change is just a natural fluctuation in the earth's temperatures.
att4i3 Too much fuss is being made about climate change.
att4i4 Trying to solve climate change are a waste of time.

*[CAWI: [Screen 2:] Once again on this topic:
To what extent do you agree with the following statements?]
[PAPI: All 8 items were displayed in one table.]*

- att4i6 I am uncertain about whether climate change is really happening.
att4i7 Claims that human activities are changing the climate are exaggerated.
att4i8 It is too early to say whether climate change is really a problem.
att4i9 Human behavior has little effect on climate change.

- Strongly disagree ☐ 1
Disagree ☐ 2
Neutral ☐ 3
Agree ☐ 4
Strongly agree ☐ 5

70. pol13

Let's consider the effects of extreme weather events in Germany (e. g. flooding, storm damage). To what extent do you agree with the following statements?

- pol13i1 The government should provide financial support to all citizens affected by storm damage.
pol13i2 All buildings should be required to have compulsory insurance against storm damage.

- Strongly disagree ☐ 1
Disagree ☐ 2
Neutral ☐ 3
Agree ☐ 4
Strongly agree ☐ 5

No opinion ☐ -1

71. pol3

Where do you stand on the following political measures in terms of environmental and climate protection?

- pol3i7 Stricter regulations for the thermal insulation of older residential buildings
pol3i8 A tax on disposable food and drink packaging, e. g., takeaway cups or pizza boxes
pol3i1 A ban on new cars with combustion engines from 2035
pol3i9 Phasing out the use of coal for power generation („coal phase-out“)
pol3i10 Stricter regulations for the development of previously undeveloped land

- Strongly opposed ☐ 1
Somewhat opposed ☐ 2
Neutral ☐ 3
Somewhat in favor ☐ 4
Strongly in favor ☐ 5

No opinion ☐ -1

72. pol10

Where do you stand on the following policy measures?

- pol10i1 More space for bike lanes
pol10i2 More green spaces in cities

- Strongly opposed ☐ 1
Somewhat opposed ☐ 2
Neutral ☐ 3
Somewhat in favor ☐ 4
Strongly in favor ☐ 5

No opinion ☐ -1

73. pol11

And where do you stand on these measures if they meant less space for cars?

- pol11i1 More space for bike lanes, but less space for cars
pol11i2 More green spaces in cities, but less space for cars

- Strongly opposed ☐ 1
Somewhat opposed ☐ 2
Neutral ☐ 3
Somewhat in favor ☐ 4
Strongly in favor ☐ 5

No opinion ☐ -1

74. sde13

Now some questions about yourself.

What do you currently do for a living?

Please select all that apply.

- sde13i1 Full-time employment
- sde13i2 Part-time employment
- sde13i3 Marginal, casual, or irregular employment (minijob, one-euro-job, seasonal employment)
- sde13i4 Voluntary social/ecological year or Federal Volunteer Service
- sde13i5 Voluntary military service
- sde13i6 Unemployed
- sde13i7 Retired, early retirement, phased retirement
- sde13i8 Vocational training / apprenticeship
- sde13i9 School-based vocational education (e. g., vocational secondary school)
- sde13i10 General schooling
- sde13i11 University / college studies
- sde13i12 Maternity leave, parental leave, other leave
- sde13i13 Homemaker
- sde13i14 Other, namely: _____ (sde13i14o)

Mentioned ☐ 1

Not mentioned ☐ 0

75. sde14

What is your current occupation?

Please provide the exact job title; for example, not „worker“, but „machine fitter“. Consider your main occupation.

If you are in training, please indicate your training occupation.

If you are not currently employed (or no longer employed): What was your last job?

I have never been employed ☐ 0

76. sde15

In which industry or sector do you work?

Please provide the exact name; for example, „electrical industry“ instead of „industry“ or „hospital“ instead of „public sector“.

If you are not currently (or no longer) employed: In which economic sector or industry did you last work?

I have never been employed ☐ 0

Response format: Response option 0 only in CAWI

Filter: If ever employed (sde14 ≠ 0)

77. econ1

How would you describe your current financial situation?

- Poor ☐ 1
- Fair ☐ 2
- Neutral ☐ 3
- Very good ☐ 4
- Excellent ☐ 5

78. econ2

What is the average monthly net income of your household? *This is the sum of all income (e. g., net salary, pension, child benefits, social security benefits) and describes how much money your household has available per month.*

- Less than 500 euros ☐ 1
- 500 to less than 1,000 euros ☐ 2
- 1,000 to less than 2,000 euros ☐ 3
- 2,000 to less than 3,000 euros ☐ 4
- 3,000 to less than 4,000 euros ☐ 5
- 4,000 to less than 6,000 euros ☐ 6
- 6,000 to less than 8,000 euros ☐ 7
- 8,000 euros or more ☐ 8
- Don't know ☐ -1

79. hlt8

How tall are you?

___ cm

Response format: Only integers

80. hlt9

Approximately how much do you weigh?

If you don't know exactly, please make an educated guess.

___ kg

Response format: Only decimals

81. rel1

Do you currently have a partner?

Yes ☐ 1

No ☐ 0

82. sde12

What is your marital status?

Single, never been married ☐ 1

Married, registered partnership ☐ 2

Widowed, life partner from registered partnership deceased ☐ 3

Divorced, registered partnership annulled ☐ 4

83. dob

When were you born?

We use this information to ensure that the same people are participating in our study

Month: _____ (dobm)

Year: _____ (doby)

Response format: Dropdown menus: dobm: January; ...; December; doby: 2010; 2009; ...; 1912 (descending)

Filter: Only CAWI (intmode = 1)

84. surv1

We are now almost at the end of the survey.
How did you like the survey?

The questionnaire was ...

surv1i1 Interesting

surv1i2 Long

surv1i3 Difficult

Strongly disagree ☐ 1

Disagree ☐ 2

Neutral ☐ 3

Agree ☐ 4

Strongly agree ☐ 5

85. surv2

Is there anything else you would like to add?

[PAPI: Have you moved or are you planning to move? Please let us know your new address: by email to LUM@veriangroup.com or by calling our hotline at 0800 / 100 14 25.]

86. int

Please enter today's date.

__ . __ . ____ (intd. intm. inty)

Filter: Only PAPI (intmode = 2)

*[PAPI: We sincerely thank you for your participation.
Please send the completed questionnaire back to Verian in the enclosed envelope.
We will, of course, cover the postage costs for you.]*

*[CAWI: You have now reached the last part of the survey.
There is no „back“ button on the next pages.
If you wish to change or correct your details, you can now return to the previous pages.]*

87. newad1

If your contact details have changed since the last survey or are about to change, you can note this here.

For our study, it is important to always have the current residential address. This is because for many of the questions we are investigating with the data, it makes a difference where people live.

New address

Street, house number _____

postal code, City: _____

Valid from: _____

No change ☐ 0

Filter: Only CAWI (intmode = 1)

New email address:

- Please write us an email from your new address to Umfrage@Lum-Studie.de.
- In this email, please indicate your previous email address or your name.

Filter: Only CAWI; if invited via email (intmode = 1 & invitemode = 1)

88. consent5

Would you like to receive the survey invitations via email in the future?

Yes ☐ 1

No ☐ 0

Filter: Only CAWI; if invited via postal mail (intmode = 1 & invitemode ≠ 1)

89. consent6

Please provide an e-mail address where we can best reach you.

Email address: _____ ☐ 1

Email address: (repeat) _____

Filter: Only CAWI; respondents who provided panel consent (intmode = 1 & consent5 = 1)

90. incent1

We sincerely thank you for your participation.

How would you like to receive a thank-you gift?

You can make this choice again in every survey.

Please read the information carefully before proceeding.

5 euro transfer

Bank transfer to your account (IBAN)

(To make the transfer, you will need to provide your account details. We can only transfer to accounts held at German banks). ☐ 1

5 euro voucher

Amazon (redeemable online at www.amazon.de only) ☐ 2

Rossmann drugstore (redeemable in-store only) ☐ 3

REWE supermarket (redeemable in-store only) ☐ 4

5 euro donation to a non-profit organization

(without an individual donation receipt)

Aktion Deutschland Hilft e.V. ☐ 5

Deutsche Welthungerhilfe e.V. ☐ 6

Filter: Only CAWI; if not received cash incentive with the postal invitation (intmode = 1 & invitemode ≠3)

Are you sure that you do not want to receive a thank-you gift?

If you would like to correct your entry, click „Back“. Otherwise, click „Next“.

Filter: If no incentive selected (incent1 = -2)

Thank you very much for your donation!

We will transfer the donated amounts of all participants collectively at the end of the month.

A confirmation of the donation will be published on our website. Please note that we cannot issue individual donation confirmations.

What happens next?

We will contact you again in fall 2025 and invite you to a short survey. We would be delighted if you would participate again.

You can now close this window.

Filter: Only CAWI; if donation of the incentive selected (intmode = 1 & incent1 = 5|6)

[if REWE or Rossmann voucher selected:

Please download your [if REWE: REWE voucher | if Rossmann: Rossmann voucher] (PDF file) using the button below.

Open voucher]

[if Amazon voucher selected:

Below you will find your Amazon voucher code worth 5 euro.

Please save this code so that you can use it for your next purchase on Amazon.

Your Amazon voucher code:

VoucherAMAZON5]

Thank you very much for participating in the survey!

What happens next?

We will contact you again in fall 2025 and invite you to a short survey. We would be delighted if you would participate again.

You can now close this window.

Filter: Only CAWI; if voucher selected (intmode = 1 & incent1 = [2;4])

91. incent2

Please enter the account details where you would like us to transfer a 5 euro thank-you gift.

After entering your IBAN, you can check the BIC and the name of your bank using the „Test IBAN“ button. Confirm your entry by clicking „Next“.

Please note:

- Transfers are only possible to bank accounts in Germany.
- The data transfer is conducted via a secure connection. Your account details are stored separately from the survey data, so no link to your survey responses can be made.
- The bank transfer is carried out by Novalnet AG (<https://www.novalnet.de>). Your name and account details will be provided to Novalnet AG for the purpose of processing the transfer.
- It may take up to three weeks for the transfer to be completed.

Account holder (Last name, First name): _____

IBAN: _____

Your bank's name and BIC will be displayed for verification after entering a valid IBAN and clicking on „Test IBAN“. Depending on the branch, the last 3 digits of the BIC may vary.

Bank name: _____

BIC: _____

Filter: Only CAWI; if bank transfer selected (intmode = 1 & incent1 = 1)

Thank you very much for participating in this survey!

What happens next?

We will contact you again in fall 2025 and invite you to a short survey. We would be delighted if you would participate again.

You may now close this window.

Filter: Only CAWI; if bank transfer or no incentive selected (intmode = 1 & incent1 = 1|-2)