強靭性 革新 伝統

Holistic and Inclusive Resilience: Insights from the World Risk Poll

Speakers:

Mark Harvey, Resurgence

David Reid, Lloyd's Register Foundation

Francis Reffell, Centre of Dialogue on Human Settlement and Poverty Alleviation

Zoe Trohanis, Global Facility for Disaster Reduction and Recovery

Freetown Flood Fighters: Women's resilience on the frontline

The Lloyd's Register Foundation World Risk Poll

- Assesses and compares perception and experience of risk and includes places where little or no official safety data exists.

- Third edition includes 142 countries, 147,000 interviews conducted by Gallup in 2023.

- Probability-based random sampling to ensure nationally representative data. Interviews by phone/in-person.

- *'Resilience in a Changing World'* – **published today** – is the first of four reports being published in 2024, and is the first time we have had longitudinal resilience data.


World Risk Poll 2024 Report: Resilience in a Changing World

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The World Risk Poll Resilience Index

Dimensions and indicators in the World Risk Poll Resilience Index

Dimension	Indicators
Individual	**Agency/Self-efficacy:** *If a disaster were to occur near you in the future, do you think there is anything you could do to protect yourself or your family from its impact?*
	Educational attainment: *What is your highest completed level of education?*
Household	**Financial assets:** *Suppose your household suddenly lost all income and had to survive only on savings and things that could be sold. How long would your household be able to cover all the basic needs, such as food, housing, and transportation?*
	Planning: *If a disaster were to occur near you in the future, do you have a plan for what to do that all members of your household know about?*
	Access to communications: *Does your home have access to: 1) the internet, 2) a cellular phone?*
Community	**Social capital:**
	1. *How much do you think most of your neighbours care about you and your wellbeing?*
	2. *Do you feel safe walking alone at night in the city or area where you live?*
	3. *Have you done any of the following in the past month? Helped a stranger or someone you didn't know who needed help.*
	Local infrastructure:
	In the city or area where you live, are you satisfied or dissatisfied with:
	1. *The roads and highways?*
	2. *The educational system or the schools?*
	3. *The availability of quality health care?*
Society	**Discrimination:** *Have you, personally, ever experienced any discrimination because of any of the following? The colour of your skin? Your religion? Your ethnicity/nationality? Your gender? A disability, if you have one?*
	Government support: *How much do you think the government of [country] cares about you and your wellbeing?*
	National Institutions Index
	In [country], do you have confidence in each of the following, or not?
	1. *The military?*
	2. *The judicial system or courts?*
	3. *The national government?*
	4. *The honesty of elections?*

What do the shapes mean?

↓ DOWNLOAD DATASET (~10MB)
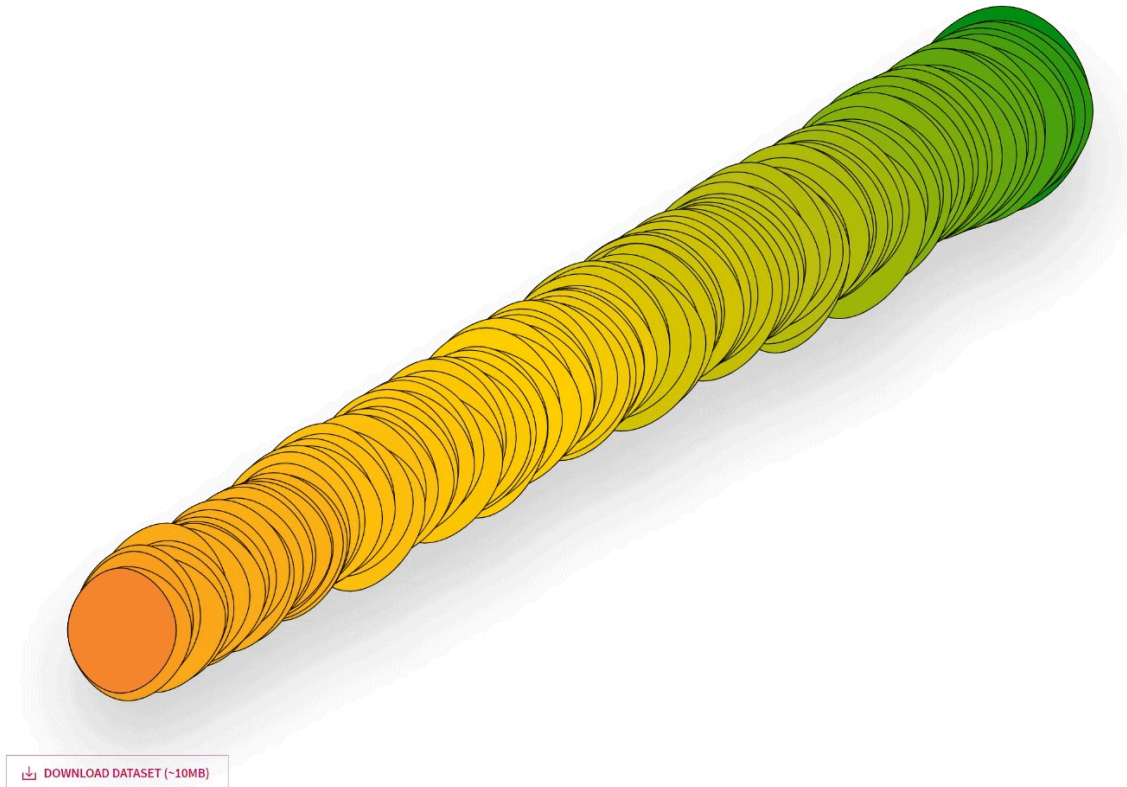
Filters

Gender

Age group

0 20 40 60 80 100+

Education level

Income

Employment status

Urbanicity

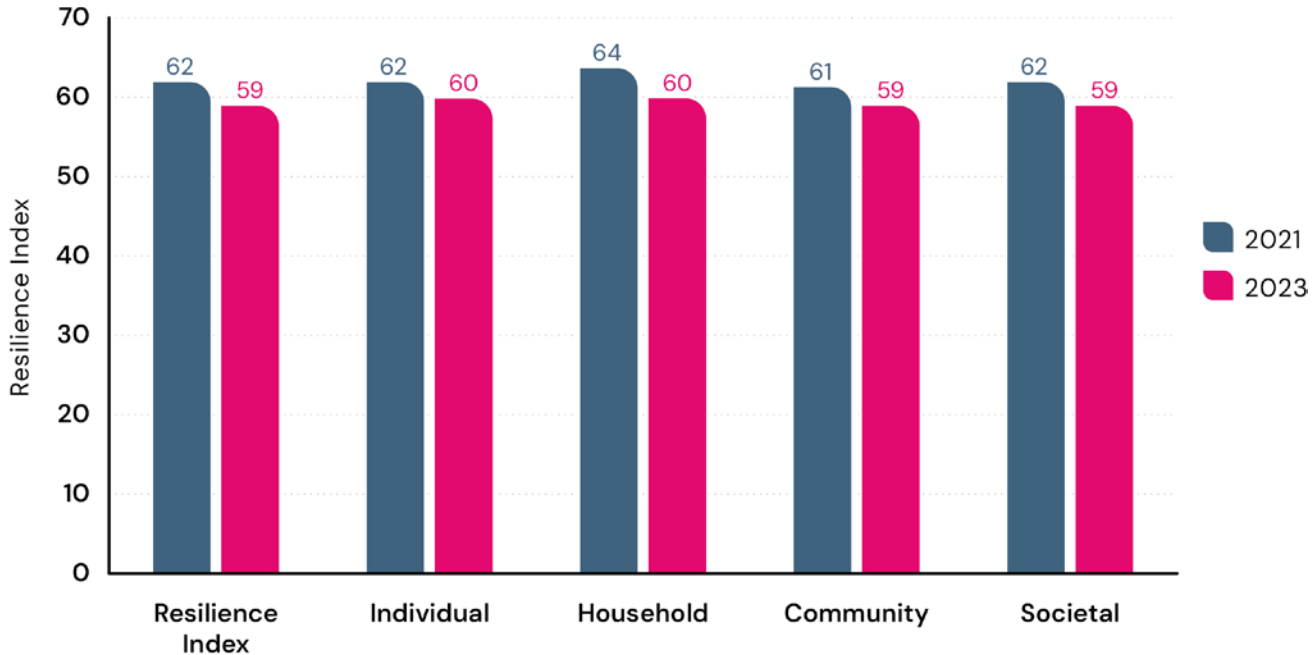Household size

Children in household

At a glance: top and bottom performers

Resilience Index, top and bottom-ranking countries

Rank		Resilience Index	Individual	Household	Community	Societal
Top >		Kuwait	Sweden	Vietnam	U.A.E	Tajikistan
		Vietnam	United States	Austria	Kuwait	Algeria
		Norway	Kuwait	Sweden	Saudi Arabia	Kuwait
		Singapore	Vietnam	Taiwan	Tajikistan	Bahrain
		Sweden	Norway	United States	Singapore	Uzbekistan
< Bottom		Togo	Morocco	Yemen	Tunisia	Ecuador
		Madagascar	Niger	Afghanistan	Ecuador	Peru
		Chad	Somalia	Niger	Gabon	Bolivia
		Yemen	Ethiopia	Ethiopia	Venezuela	Comoros
		Afghanistan	Afghanistan	Madagascar	Afghanistan	Yemen

At country level: Japan

Japan Resilience Index (2021–2023)

Resilience Index values (2021 / 2023):
- Resilience Index: 62 / 59
- Individual: 62 / 60
- Household: 64 / 60
- Community: 61 / 59
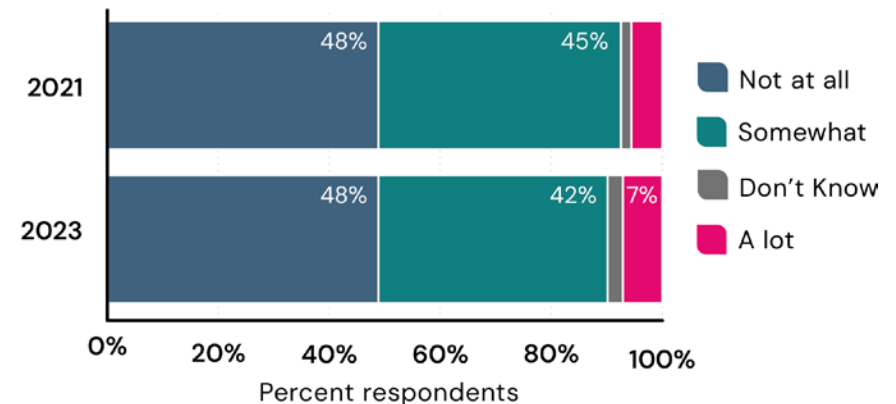- Societal: 62 / 59

Legend: 2021, 2023

- Slight drop in resilience across all dimensions, especially household.

Plan for disaster known by household (2021–2023)

- 2021: No 61%, Yes 39%
- 2023: No 64%, Yes 34%

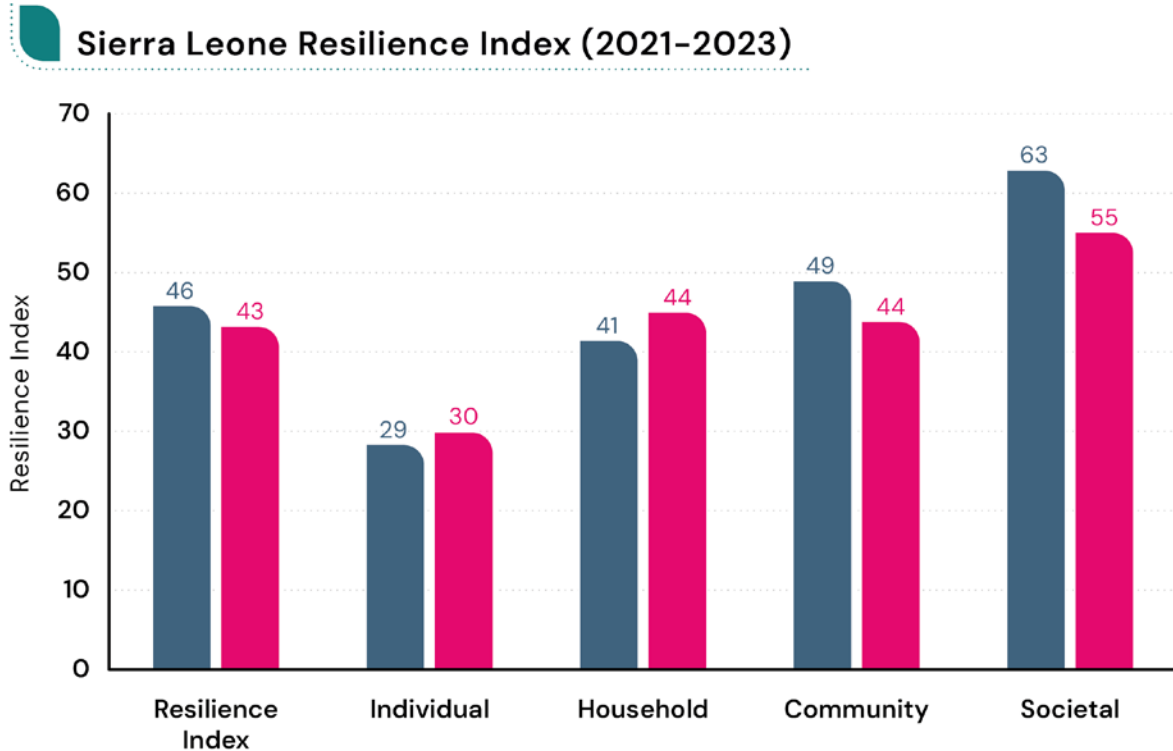Legend: No, Yes, Don't Know/Refused
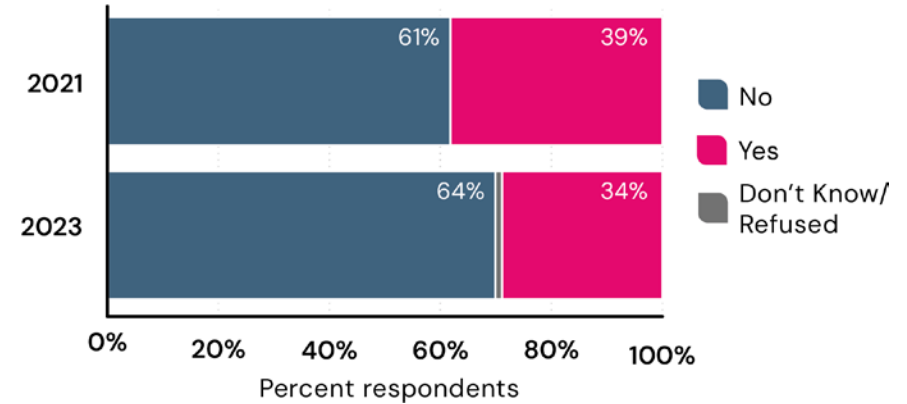
- Still one of the least likely countries globally to say neighbours care.

Neighbours care about you and your wellbeing (2021–2023)

- 2021: Not at all 48%, Somewhat 45%
- 2023: Not at all 48%, Somewhat 42%, A lot 7%

Legend: Not at all, Somewhat, Don't Know, A lot

At country level: Sierra Leone

Sierra Leone Resilience Index (2021–2023)

Resilience Index values (2021 / 2023):
- Resilience Index: 46 / 43
- Individual: 29 / 30
- Household: 41 / 44
- Community: 49 / 44
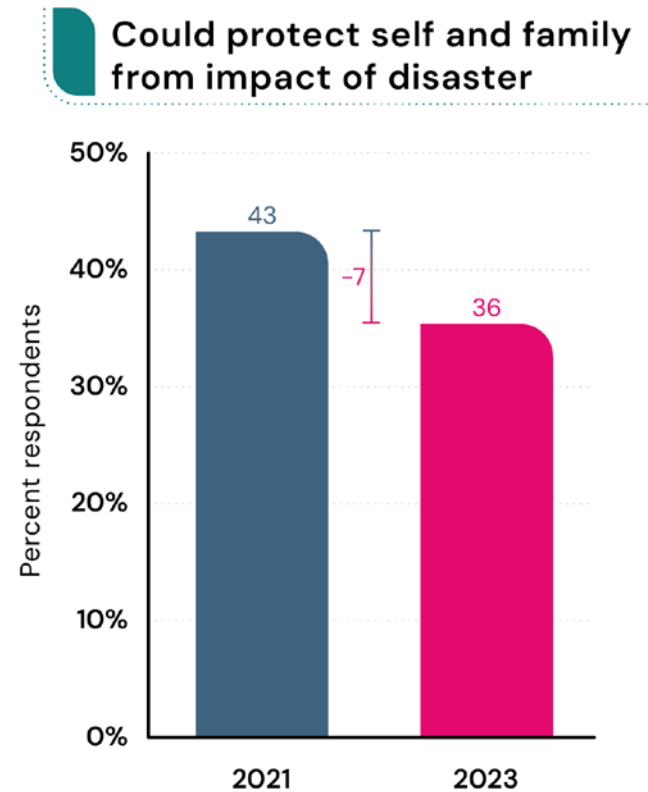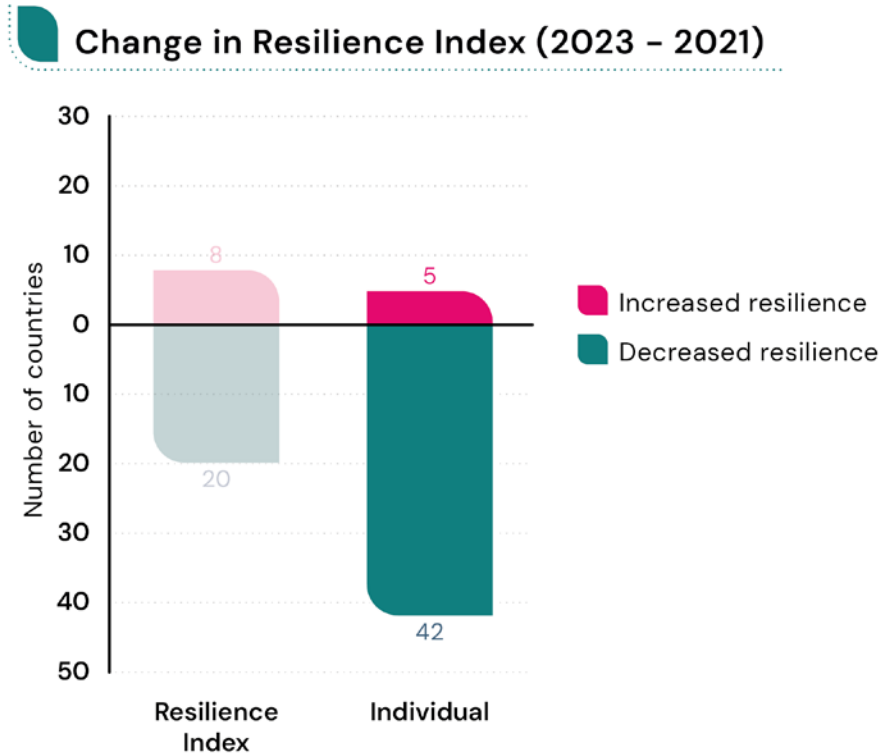- Societal: 63 / 55

- Increase in household resilience, but significant drop in societal resilience.

- Why? Fewer people believe the government cares about them.

Government cares about you and your wellbeing (2021–2023)

Year	Not at all	Somewhat	Don't Know	A lot
2021	43%	36%		18%
2023	48%	31%		19%
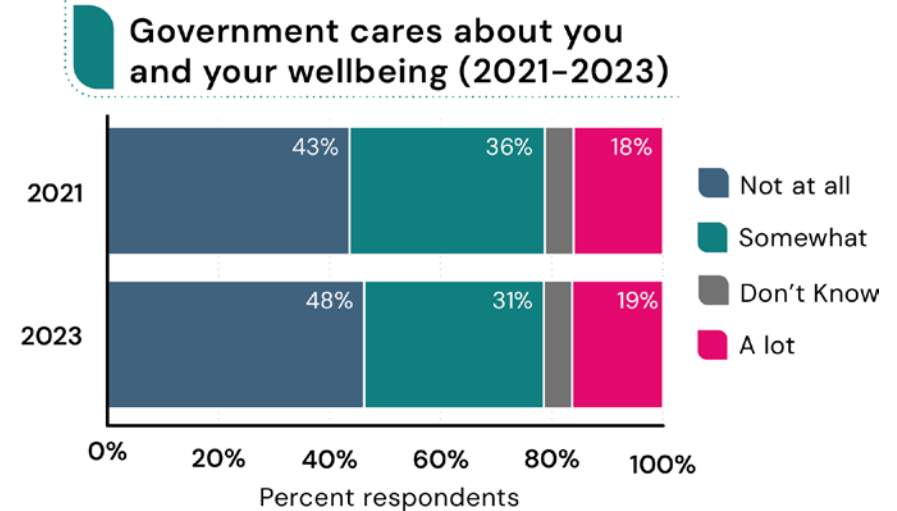
So, what's changed? (at a global level)

Change in Resilience Index (2023 – 2021)

Number of countries

- 8 — Increased resilience (Resilience Index)
- 20 — Decreased resilience (Resilience Index)
- 5 — Increased resilience (Individual)
- 42 — Decreased resilience (Individual)

Increased resilience
Decreased resilience

Could protect self and family from impact of disaster

Percent respondents

- 2021: 43
- 2023: 36
- Change: −7

Which countries are driving the change?

Countries with the biggest decreases in individual resilience (2021–2023

Country	2021	2023	Point Change Individual Resilience*
Algeria	30	43	+13
Lebanon	33	38	+4
Kyrgyzstan	36	40	+4
Paraguay	44	48	+4
Latvia	54	57	+3
Slovakia	60	48	−12
Croatia	53	39	−15
Morocco	39	24	−16
Poland	59	41	−18
Bulgaria	64	41	−22
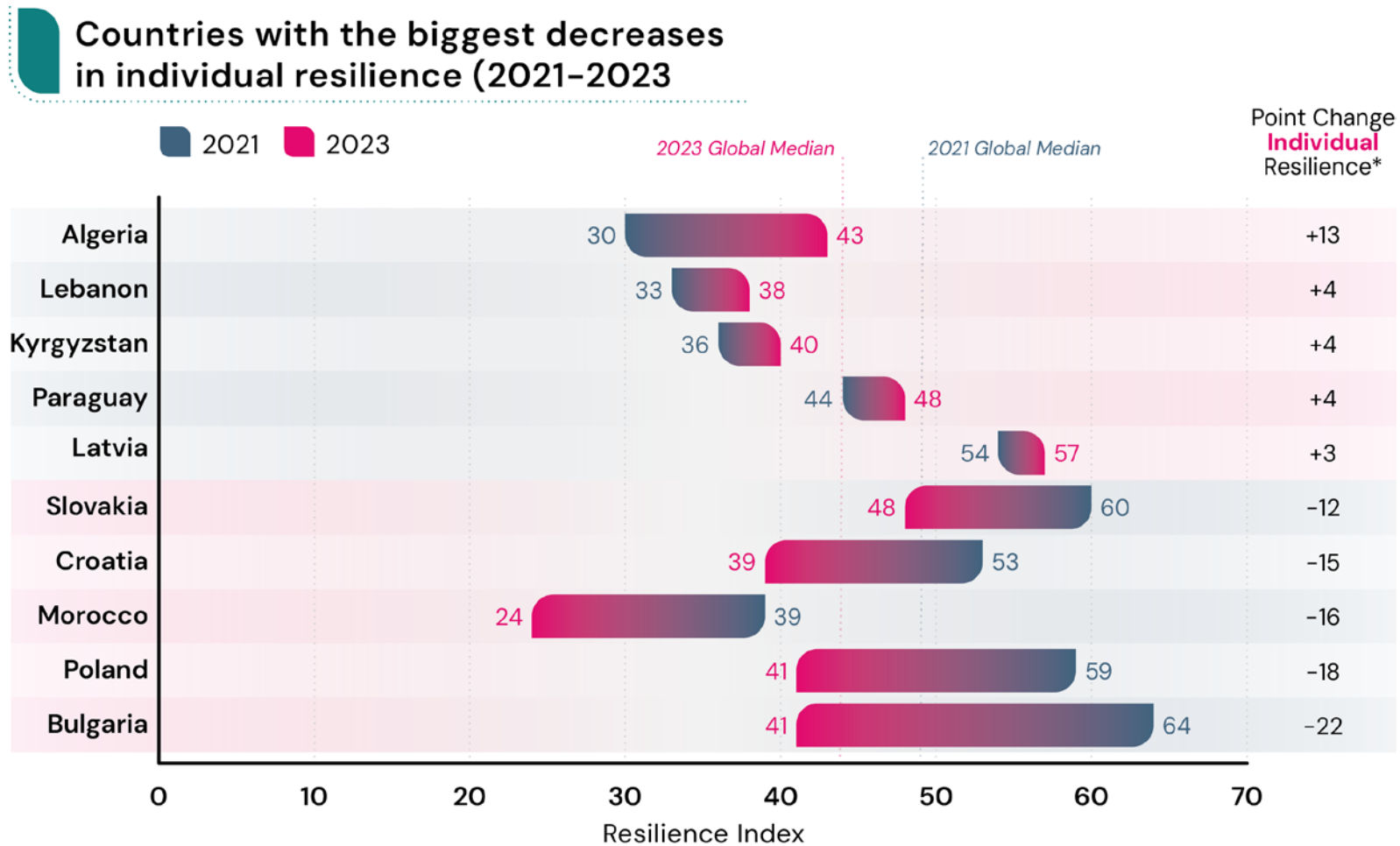
Resilience Index

Why do these changes matter?

Relationship between disaster planning and agency, by country

- High income
- Upper-middle income
- Lower-middle income
- Low income

Y-axis: Percentage who believe they could protect themselves and their families from future disaster

X-axis: Percentage of households where all members know plan for future disaster

Labeled countries: Philippines, Sweden, Vietnam, Nepal, Denmark, United States, Cambodia, Liberia, Israel, Pakistan, Malawi, Tunisia, Sierra Leone, Egypt, Afghanistan

- The Resilience Index shows a link between individual and household resilience – they tend to co-vary.

- Does a fall in individual agency therefore precede more widespread falls in resilience?

- However, there is an opportunity here – improving household disaster planning could have a positive knock-on impact on agency.

What about the impact of disaster?

Morocco Resilience Index (2021–2023)
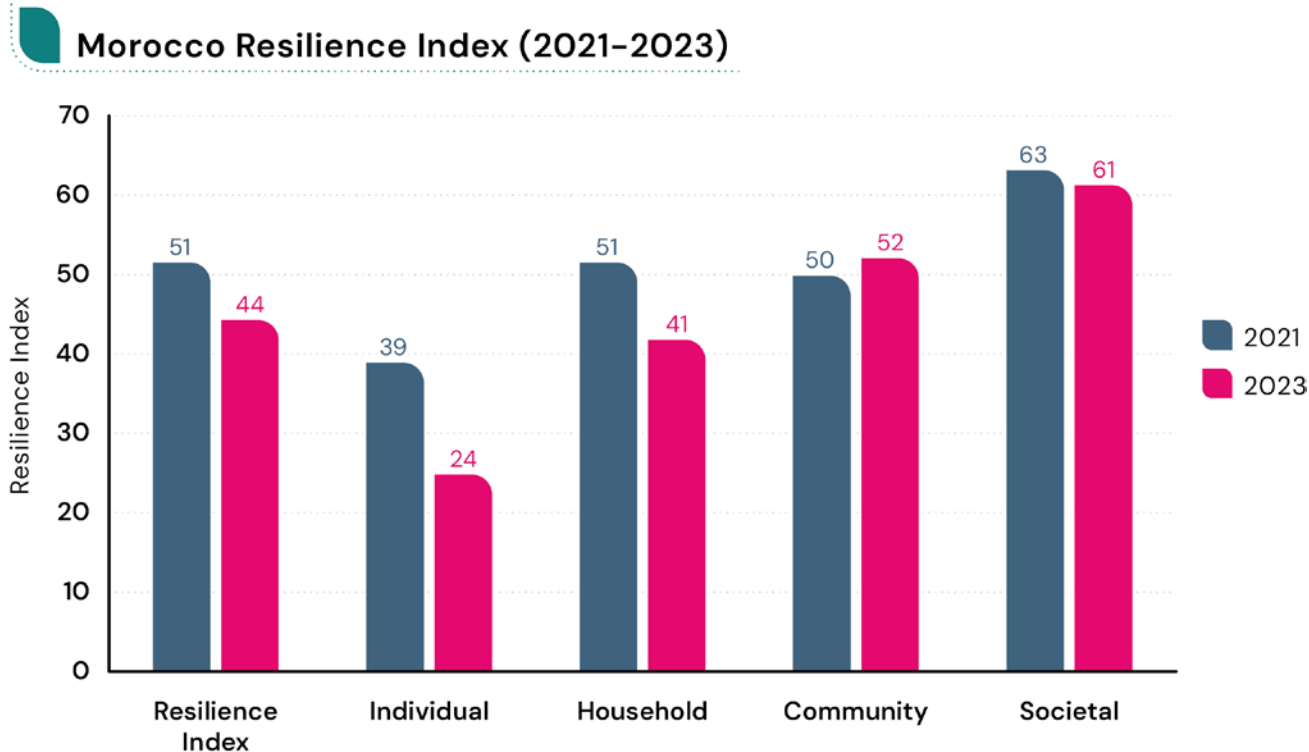
- 6.8 magnitude earthquake, September 2023. 3,000 killed, 6.6 million affected directly or indirectly.

- Individual resilience dimension drops dramatically, driven by perceived loss of agency. 'Reality check' effect?

- Highlights importance of rebuilding people - their confidence and agency - as well as infrastructure, post-disaster.
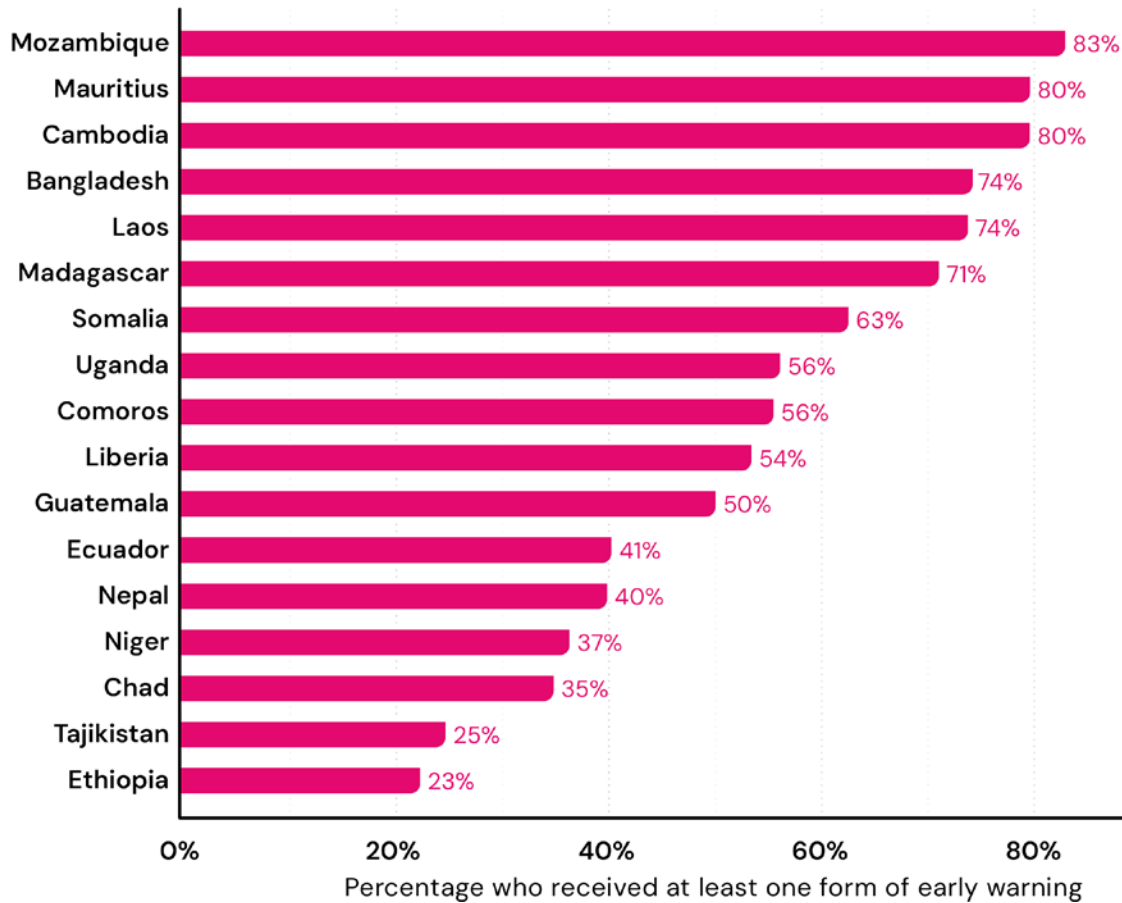
# The impact of disaster: New Zealand

Regional Resilience Index changes in New Zealand (2021–2023)
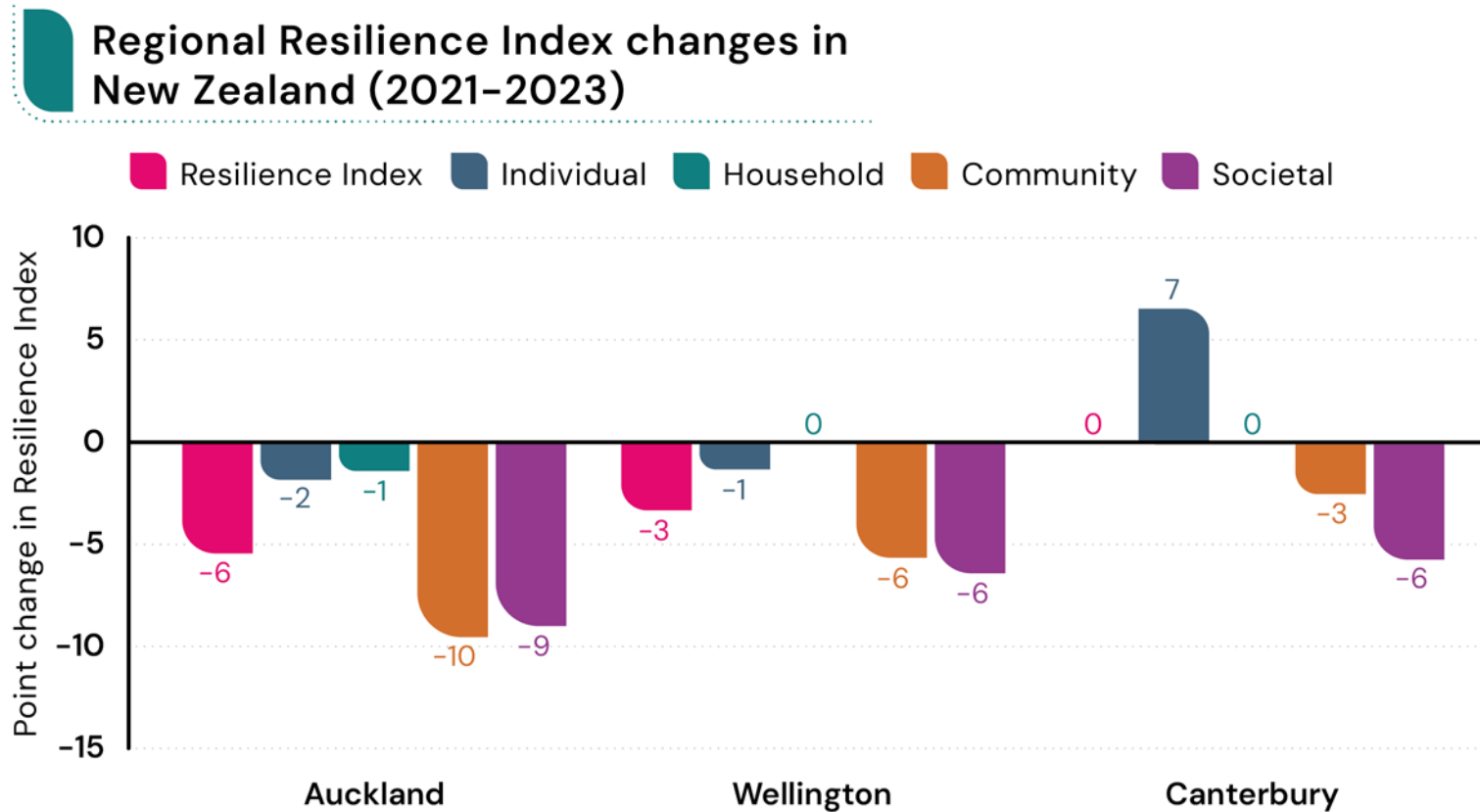
Early Warnings for All?

Percent of population, who had experienced a disaster, who received any form of early warning

Country	Percentage who received at least one form of early warning
Mozambique	83%
Mauritius	80%
Cambodia	80%
Bangladesh	74%
Laos	74%
Madagascar	71%
Somalia	63%
Uganda	56%
Comoros	56%
Liberia	54%
Guatemala	50%
Ecuador	41%
Nepal	40%
Niger	37%
Chad	35%
Tajikistan	25%
Ethiopia	23%

Percentage who received at least one form of early warning

- 1 in 3 people (30%) who experienced a disaster in the past five years received no warning.

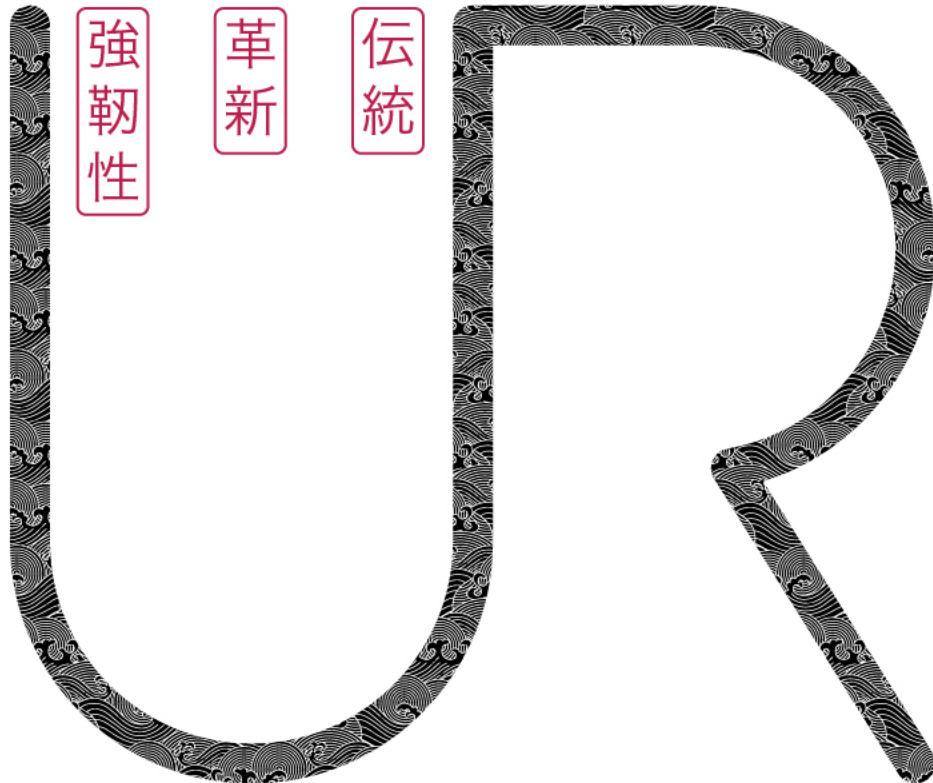- Over three quarters (77%) of those people not warned own a mobile phone.

Percent of population, who had experienced a disaster, who received warning via the internet or social media

Percentage who received early warning

Age group	2021	2023
15–29	40%	49%
30–49	35%	47%
50–64	34%	43%
65+	26%	34%
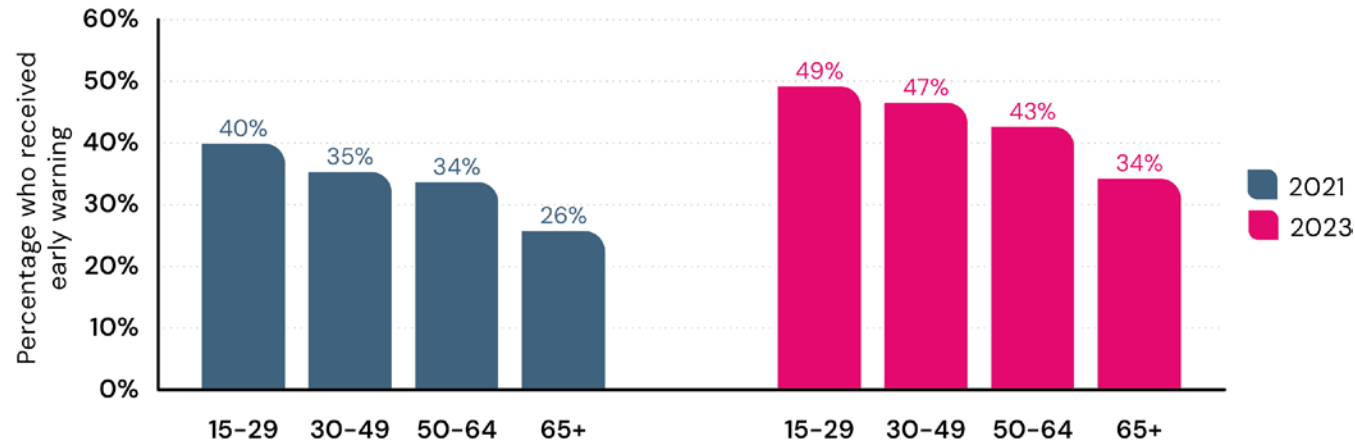
Calls to action

- Make use of World Risk Poll data to support the Early Warnings for All Initiative.

- Target household resilience interventions to reap knock-on benefits of improved individual resilience and sense of agency.

- Make use of the World Risk Poll data for secondary analysis, combining with other sources, to improve and target resilience interventions.

Visit: **wrp.lrfoundation.org.uk**

- Full dataset freely available
- Interactive data explorer
- Resilience Index visualisation
- Country snapshots
- Watch the film

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