



ΜΑΖΙΚΕΣ ΚΑΤΑΣΤΡΟΦΕΣ : ΠΑΙΔΙΑ ΚΑΙ ΕΥΠΑΘΕΙΣ ΟΜΑΔΕΣ ΠΛΗΘΥΣΜΟΥ

**Διεθνείς οδηγίες για τη διαχείριση μαζικών
καταστροφών προσαρμοσμένες στα παιδιά**

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ΕΝΟΤΗΤΑ 1^η

ΔΙΕΘΝΗ ΔΕΔΟΜΕΝΑ ΕΥΠΑΘΕΙΣ ΟΜΑΔΕΣ

Εισαγωγικά...



- Μαζικές καταστροφές

- Ορισμός

- Ως Μαζική Καταστροφή ορίζεται ένα γεγονός που έχει ως συνέπεια απώλειες που αφορά μεγάλο αριθμό ατόμων σε μια συγκεκριμένη ή εκτεταμένη περιοχή εξαιτίας ποικίλων αιτιών (φυσικών ή ανθρωπογενών) οι οποίες όμως ξεπερνούν τους διαθέσιμους πόρους φροντίδας υγείας στην κοινότητα που έχει πληγεί.

- Τύποι

- Φυσικές καταστροφές

- Εξαιτίας κλιματολογικών συνθηκών, γεωλογικών φαινομένων ή λοιμωδών νοσημάτων

- Ανθρωπογενείς καταστροφές

- Περιβαλλοντικές καταστροφές, τρομοκρατικές ή πολεμικές ενέργειες, ατυχήματα ή συμβάντα με πολυτραυματίες ή και πολλαπλά θύματα.

- Βασική Αρχή:

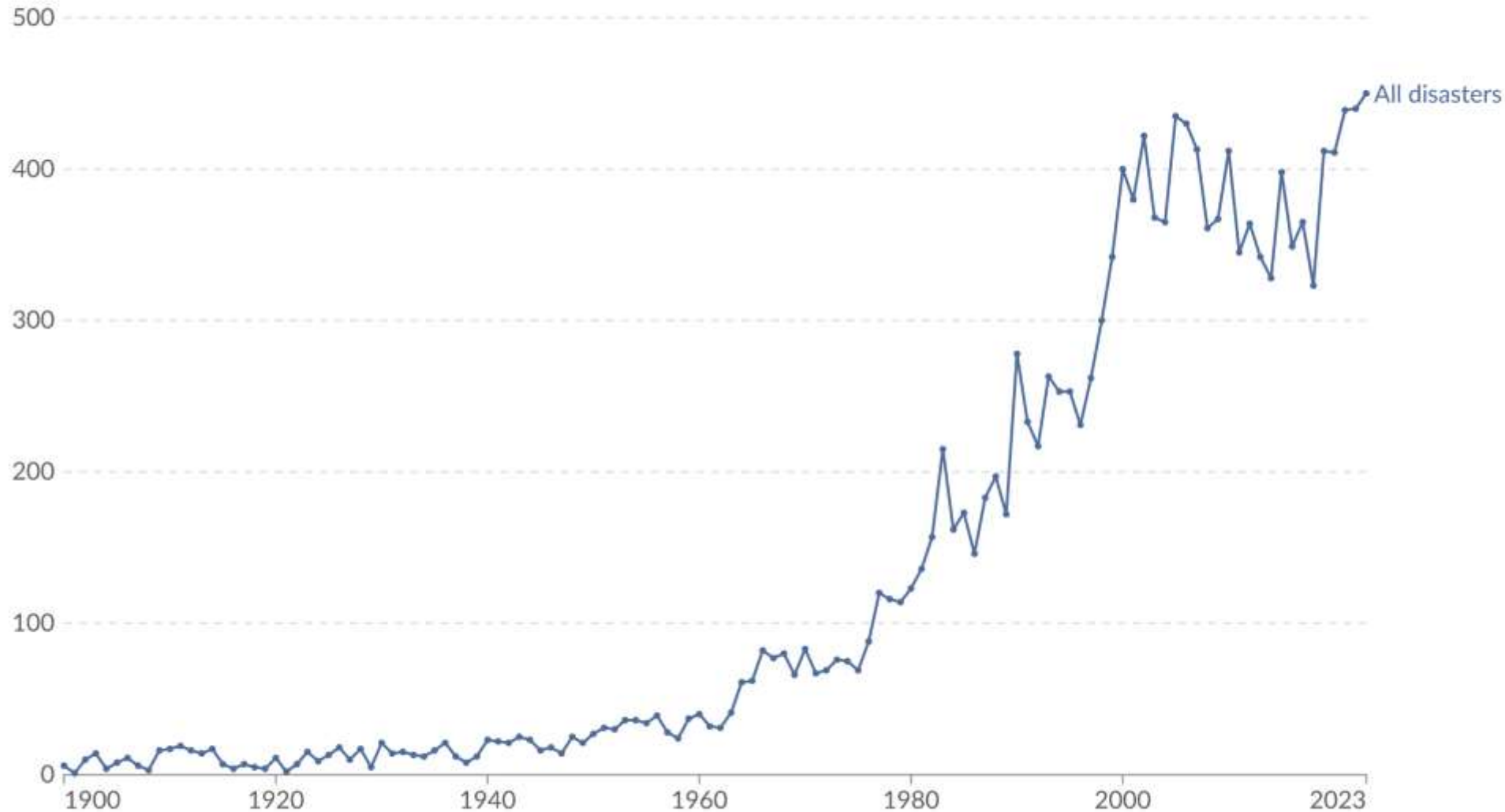
- Η Επείγουσα Μαζική Φροντίδα Υγείας στοχεύει στην διαχείριση υλικών και πόρων για την παροχή επείγουσας φροντίδας υγείας στο μεγαλύτερο δυνατό αριθμό θυμάτων με την ορθολογική και οργανωμένη χρήση των διαθέσιμων πόρων κατά τη διάρκεια μιας καταστροφής.



Number of reported natural disaster events, 1900 to 2023

Our World
in Data

The number of global reported natural disaster events in any given year. Note that this largely reflects increases in data reporting, and should not be used to assess the total number of events.



Data source: EM-DAT, CRED / UCLouvain (2025)

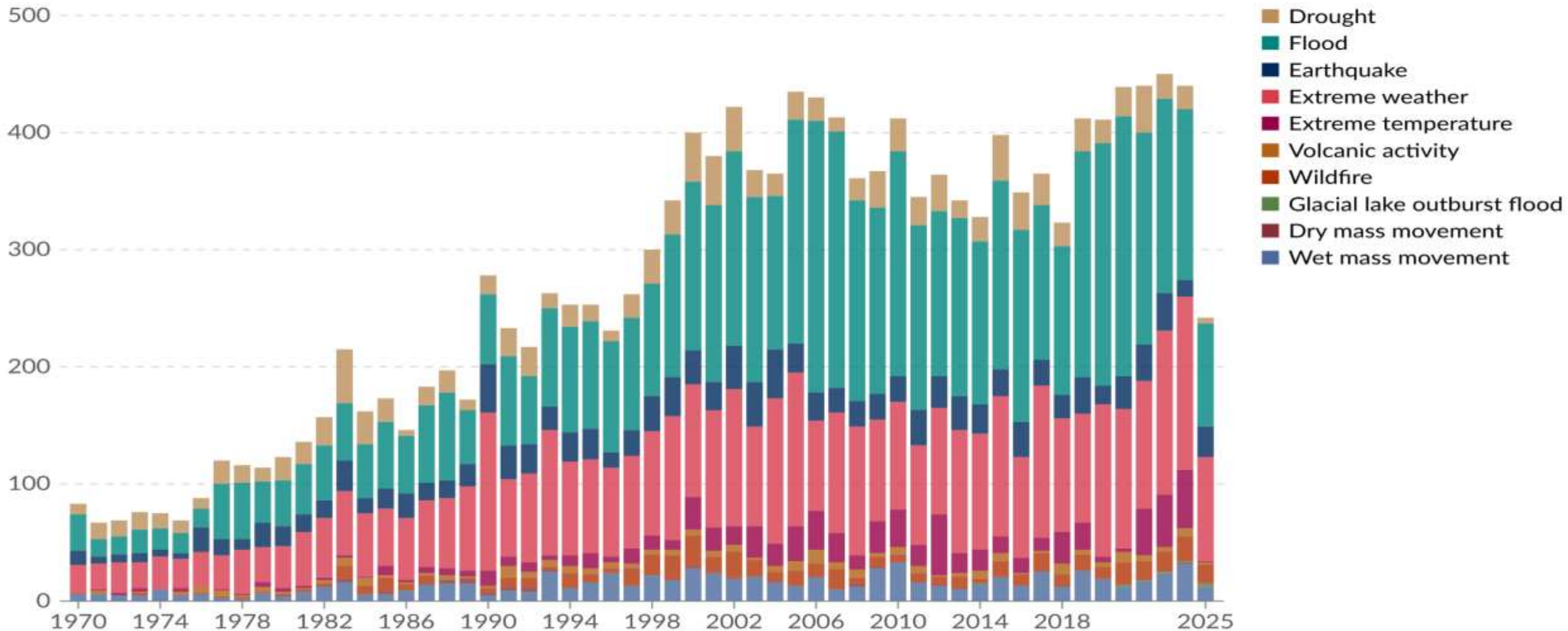
Note: Data includes disasters reported up to October 2025.

OurWorldinData.org/natural-disasters | CC BY

EM-DAT defines a disaster as a situation or event which overwhelms local capacity, necessitating a request to the national or international level for external assistance; an unforeseen and often sudden event that causes great damage, destruction, and human suffering. Of all EM-DAT disasters, we select geophysical, meteorological, hydrological, and climatological events, which include droughts, earthquakes, extreme temperatures, floods, glacial lake outburst floods, mass movements, extreme weather events, volcanic activity, and wildfires.

Global reported natural disasters by type, 1970 to 2025

The annual reported number of natural disasters, categorised by type. The number of global reported natural disaster events in any given year. Note that this largely reflects increases in data reporting, and should not be used to assess the total number of events.



Data source: EM-DAT, CRED / UCLouvain (2025)

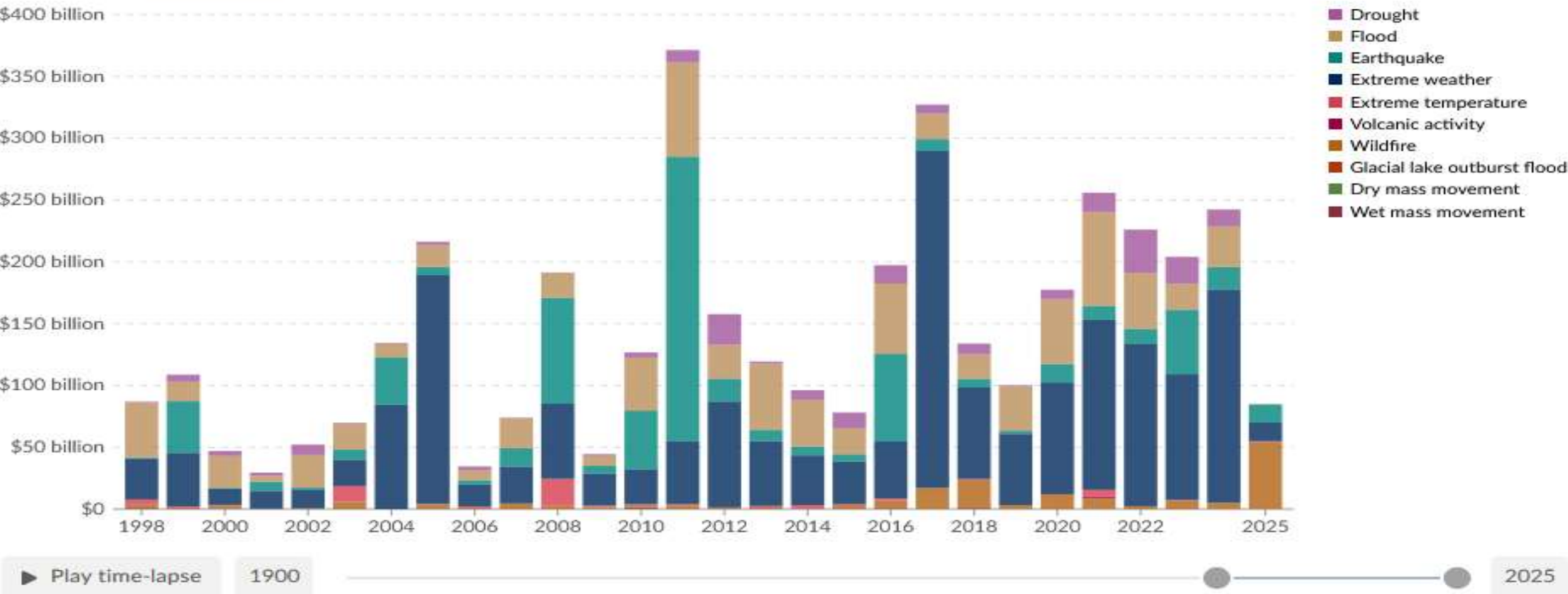
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Note: Data includes disasters reported up to October 2025.

Economic damage by natural disaster type, 1998 to 2025

Global economic damage from natural disasters, differentiated by disaster category and measured in US\$ per year. It is not adjusted for inflation.

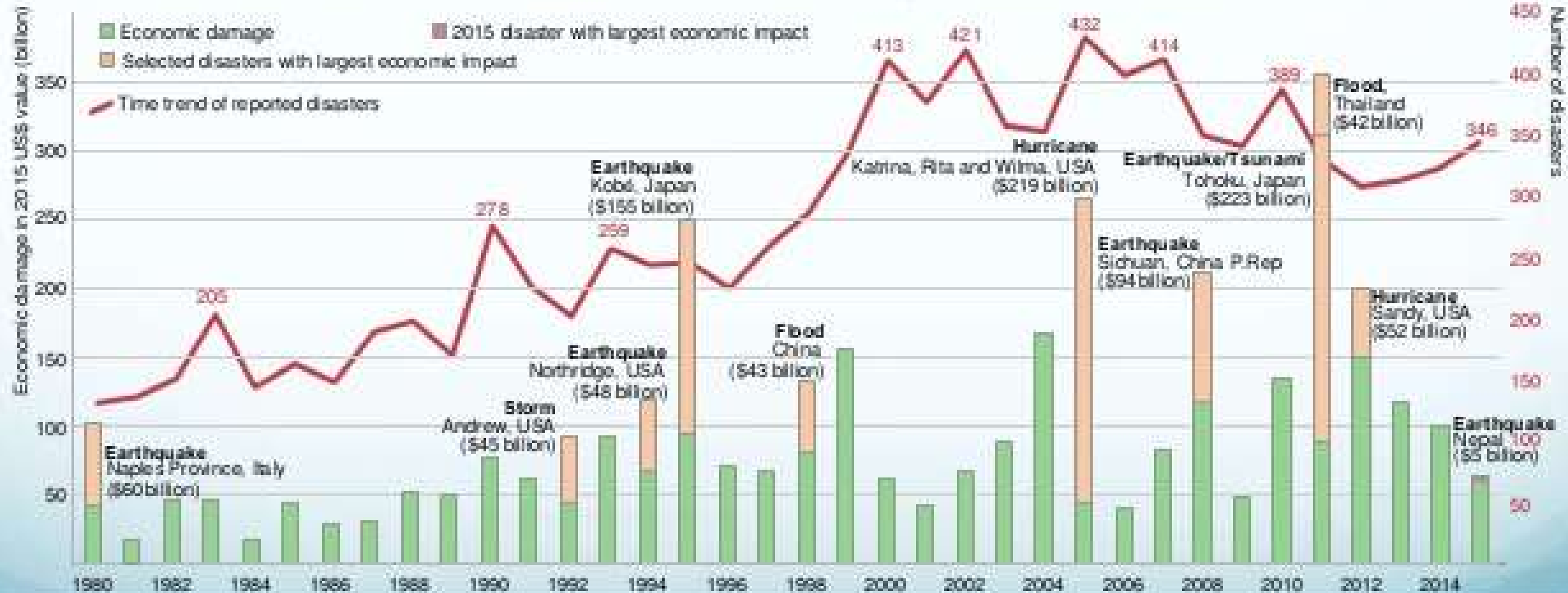
Table Chart



Data source: EM-DAT, CRED / UCLouvain (2025) – [Learn more about this data](#)
 Note: Data includes disasters reported up to October 2025.
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Comparing present to past

Annual reported economic damages and time trend from disasters: 1980-2015



UNISDR, 2016

Figure 1. Annual economic losses caused by weather-and climate-related extreme events in the EU Member States

Billion EUR (2024 prices)

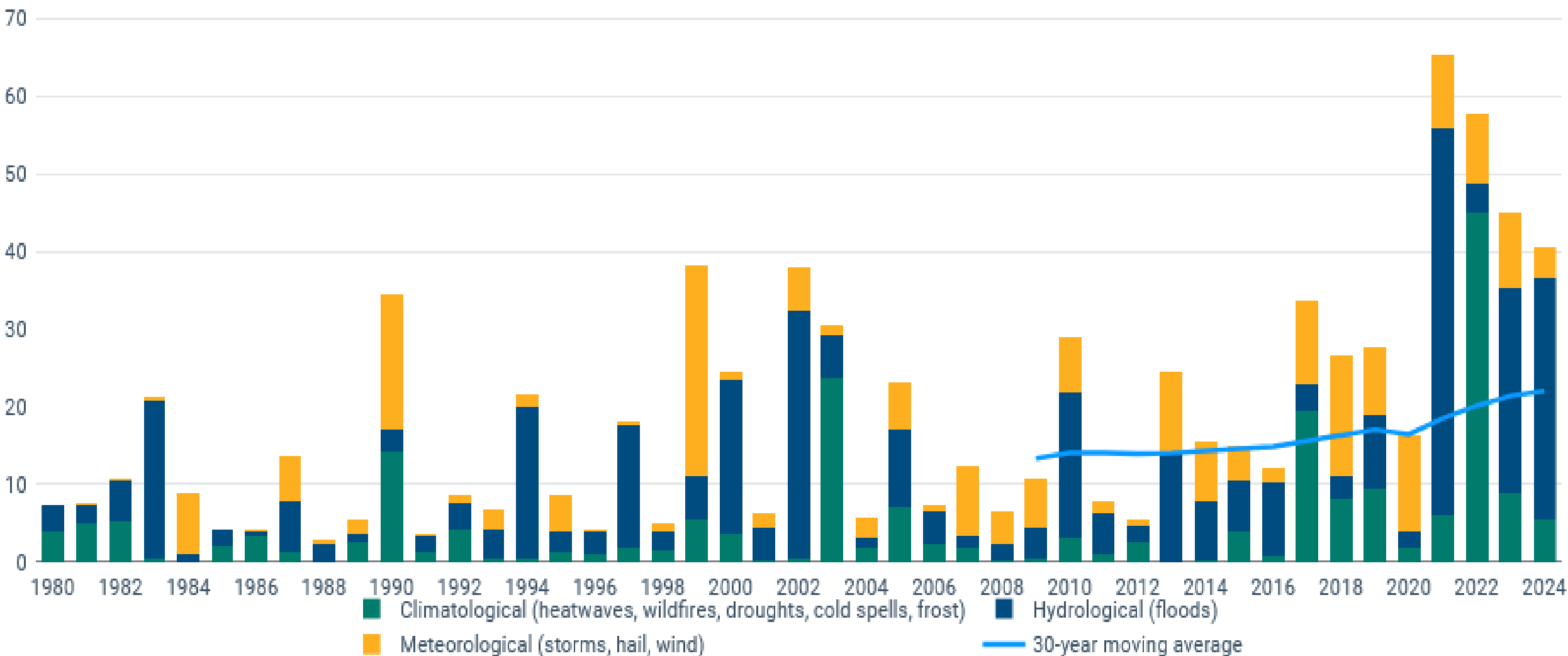
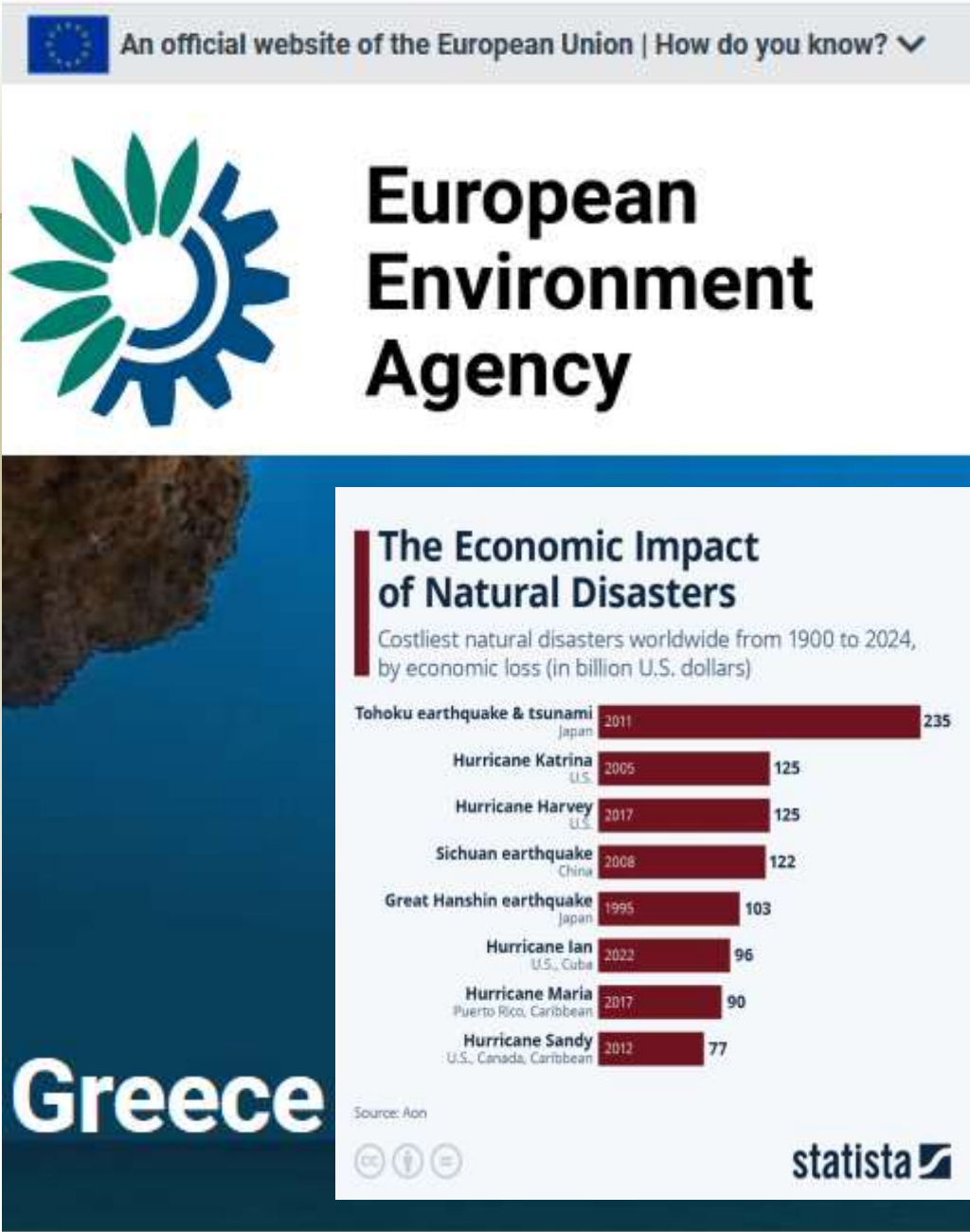


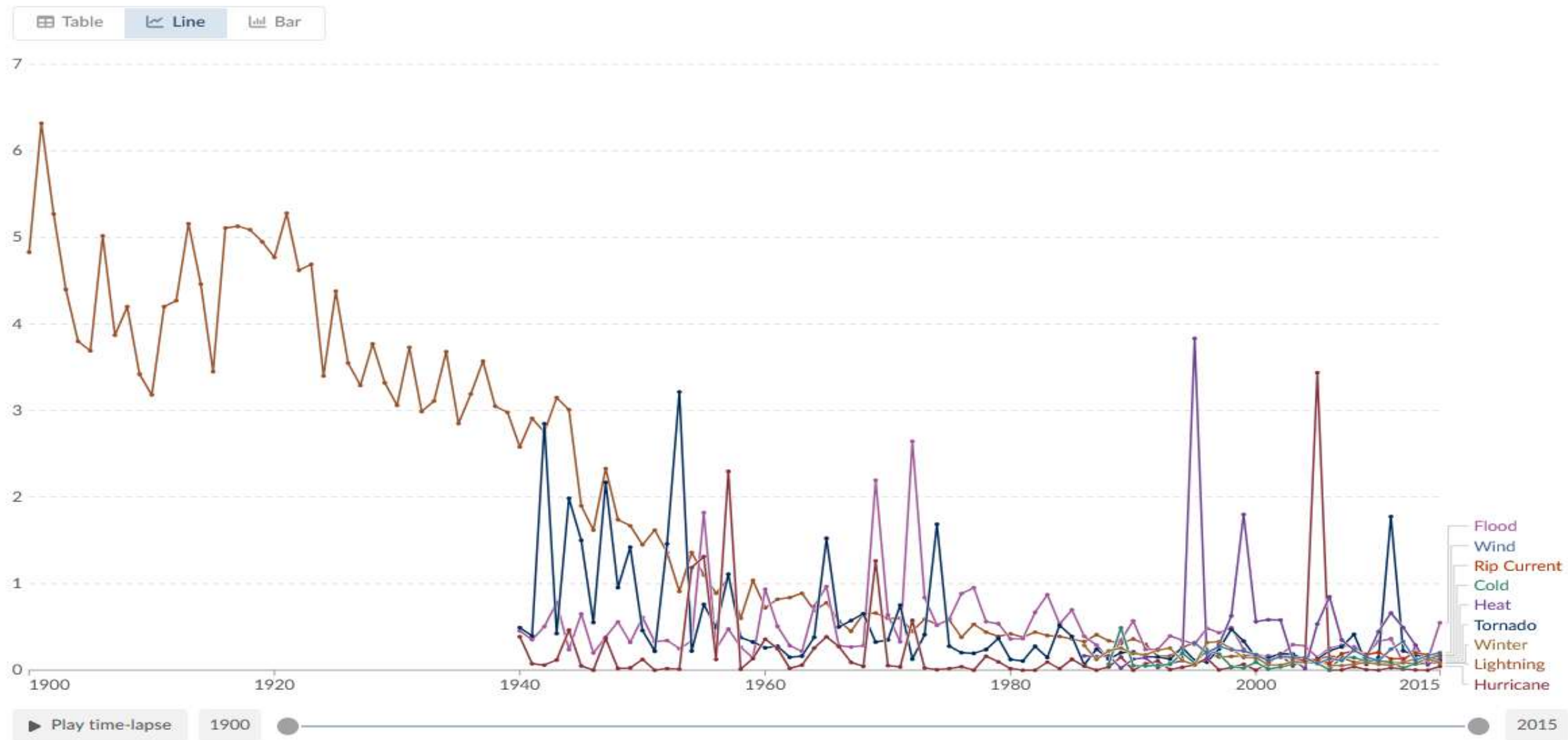
Figure 2. Economic losses and fatalities caused by weather - and climate - related extreme events (1980-2024) - per country

Country	Total losses million EUR	Loss per km² EUR	Loss per capita EUR	Insured losses million EUR	Insured losses %	Fatalities
Austria	19,757	235,538	2,417	3,669	19	2,426
Belgium	18,404	600,130	1,742	7,610	41	14,827
Bulgaria	6,292	56,684	801	99	2	3,190
Croatia	4,742	83,796	1,083	110	2	2,146
Cyprus	459	49,607	635	8	2	253
Czechia	21,711	275,270	2,086	2,885	13	1,382
Denmark	9,347	217,750	1,724	5,690	61	1,036
Estonia	352	7,766	250	54	15	547
Finland	2,422	7,159	465	74	3	1,873
France	138,104	216,302	2,218	48,009	35	69,059
Germany	186,908	522,718	2,304	57,663	31	107,508
Greece	18,311	139,046	1,734	912	5	14,096
Hungary	12,813	137,755	1,261	617	5	8,453
Ireland	4,833	69,095	1,169	813	17	295
Italy	145,226	480,766	2,503	6,373	4	56,855
Latvia	1,302	20,153	570	90	7	251
Lithuania	2,968	45,467	899	70	2	731
Luxembourg	1,409	543,089	2,980	685	49	218
Malta	83	261,285	204	2	2	170
Netherlands	13,241	354,112	828	6,255	47	5,450
Poland	27,885	89,395	738	1,611	6	6,773
Portugal	17,653	191,412	1,721	617	3	20,339
Romania	23,964	100,521	1,121	334	1	6,495
Slovakia	2,549	51,989	478	106	4	1,281
Slovenia	18,480	911,559	9,176	642	3	861
Spain	119,577	236,326	2,804	14,415	12	113,627
Sweden	3,831	8,563	419	990	26	927
Total EU-27	822,624			160,403		441,069
Iceland	27	267	93	0	0	3
Liechtenstein	22	139,338	674	11	48	1
Norway	4,462	11,604	956	3,079	69	77
Switzerland	22,749	550,999	3,056	7,978	35	19,408
Türkiye	7,978	10,225	120	535	7	3,222



Fatality rates in the US due to weather events

Annual death rate from weather events, measured per million individuals.



Data source: Our World In Data based on NOAA, Lopez Holle and population data – [Learn more about this data](#)

OurWorldinData.org/natural-disasters | CC BY

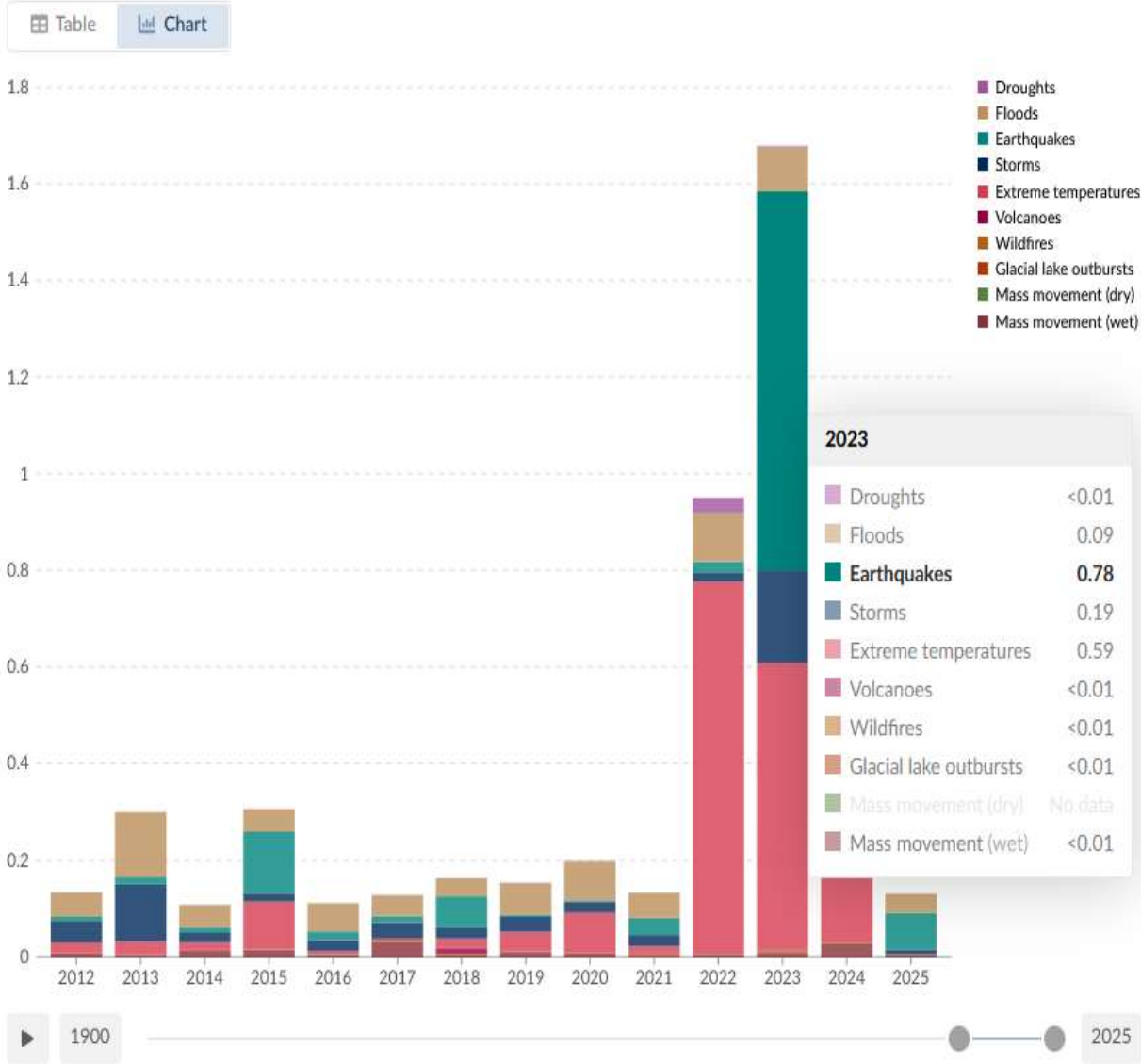
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Death rates from natural disasters, World, 2012 to 2025

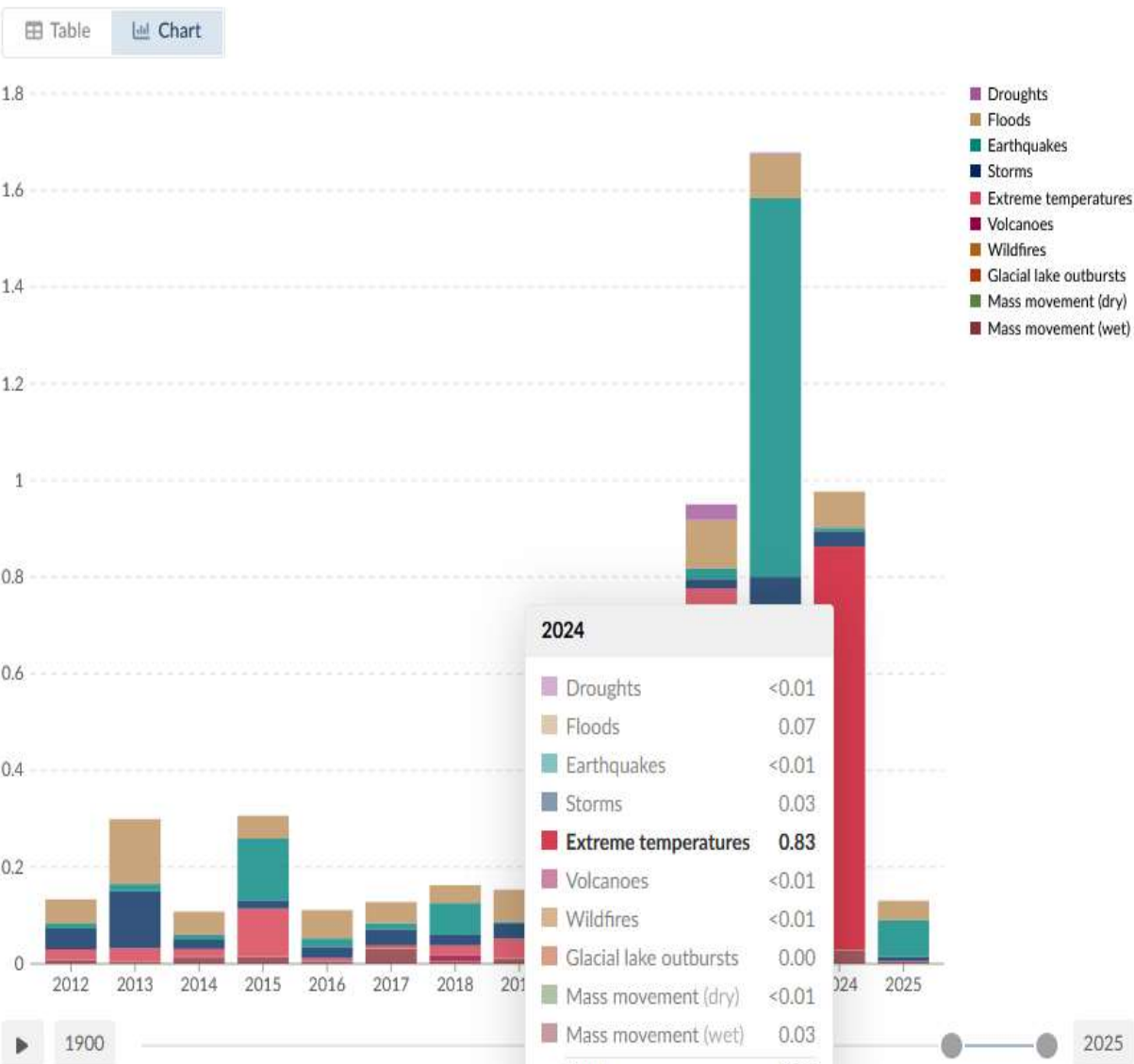
Death rates are measured as the number of deaths per 100,000 people.



Data source: EM-DAT, CRED / UCLouvain (2025); Population based on various sources (2024) - [Learn more about this data](#)
Note: Data includes disasters reported up to October 2025.
[OurWorldinData.org/natural-disasters](#) | CC BY

Death rates from natural disasters, World, 2012 to 2025

Death rates are measured as the number of deaths per 100,000 people.

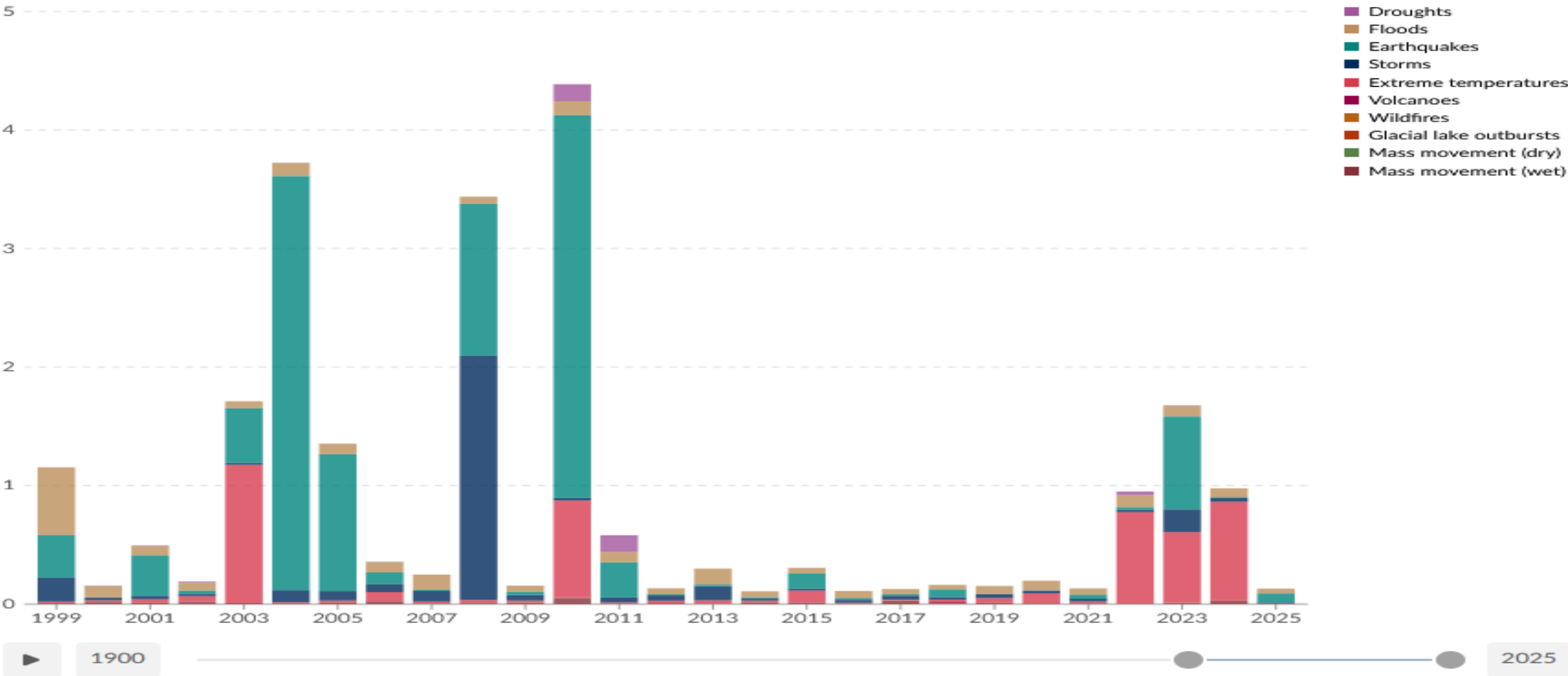


Data source: EM-DAT, CRED / UCLouvain (2025); Population based on various sources (2024) - [Learn more about this data](#)
Note: Data includes disasters reported up to October 2025.
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Death rates from natural disasters, World, 1999 to 2025

Death rates are measured as the number of deaths per 100,000 people.

Table Chart



Data source: EM-DAT, CRED / UCLouvain (2025); Population based on various sources (2024) – [Learn more about this data](#)

Note: Data includes disasters reported up to October 2025.

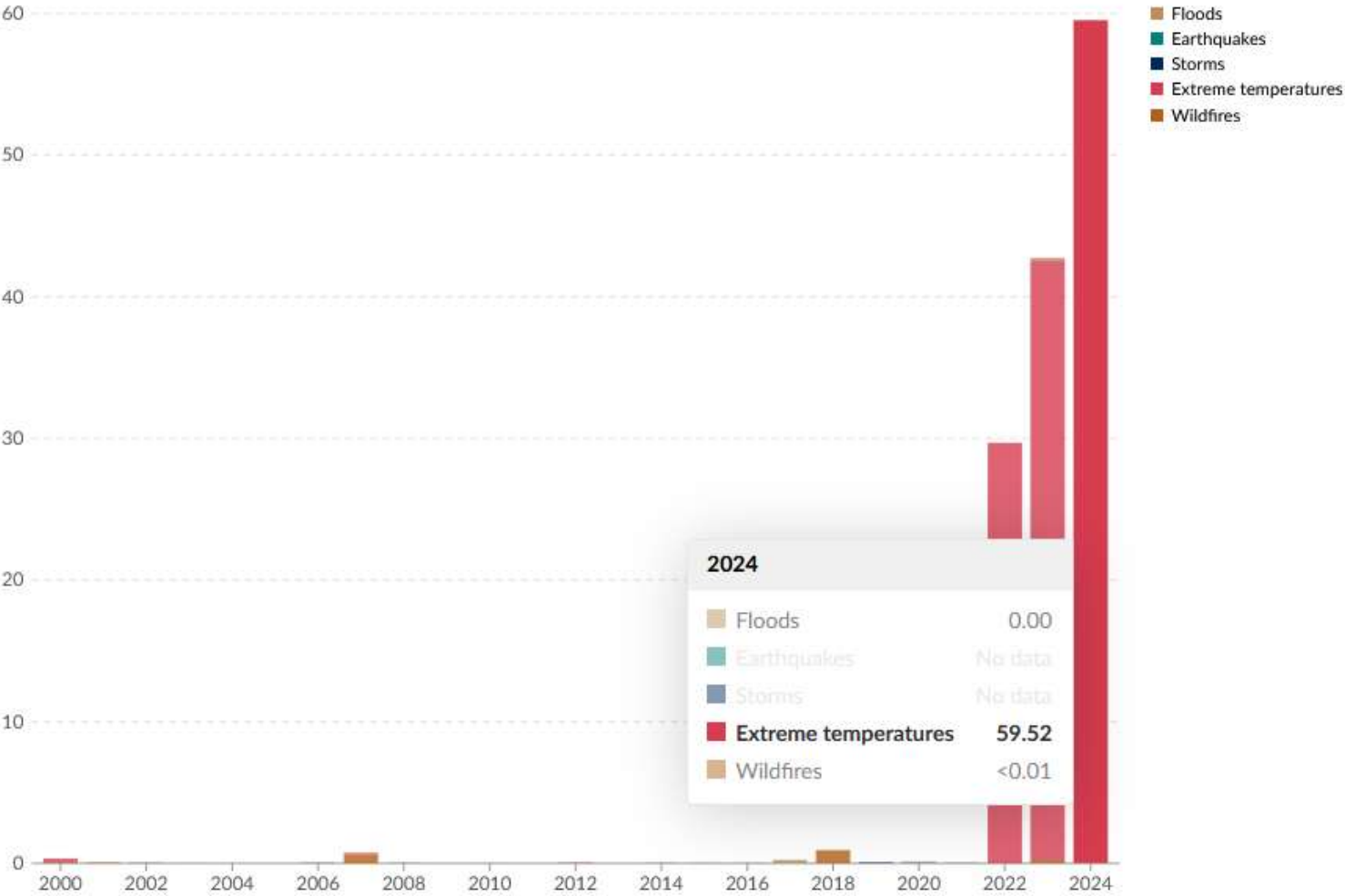
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Death rates from natural disasters, Greece, 2000 to 2024

Death rates are measured as the number of deaths per 100,000 people.

Our World in Data

Table Chart



ADD/REMOVE COUNTRIES AND REGIONS

Search for a country or region

Sort by: Name

Selection (1) Clear

☒ Greece

Filter by type: All (236)

☒ Greece

☐ European Union (27)

☐ Europe

☐ World

☐ Afghanistan

☐ Africa

☐ Albania

☐ Algeria

☐ American Samoa

☐ Angola

☐ Anguilla

☐ Antigua and Barbuda

☐ Argentina

☐ Armenia

☐ Asia

☐ Australia



Data source: EM-DAT, CRED / UCLouvain (2025); Population based on various sources (2024) - [Learn more about this data](#)

Note: Data includes disasters reported up to October 2025.

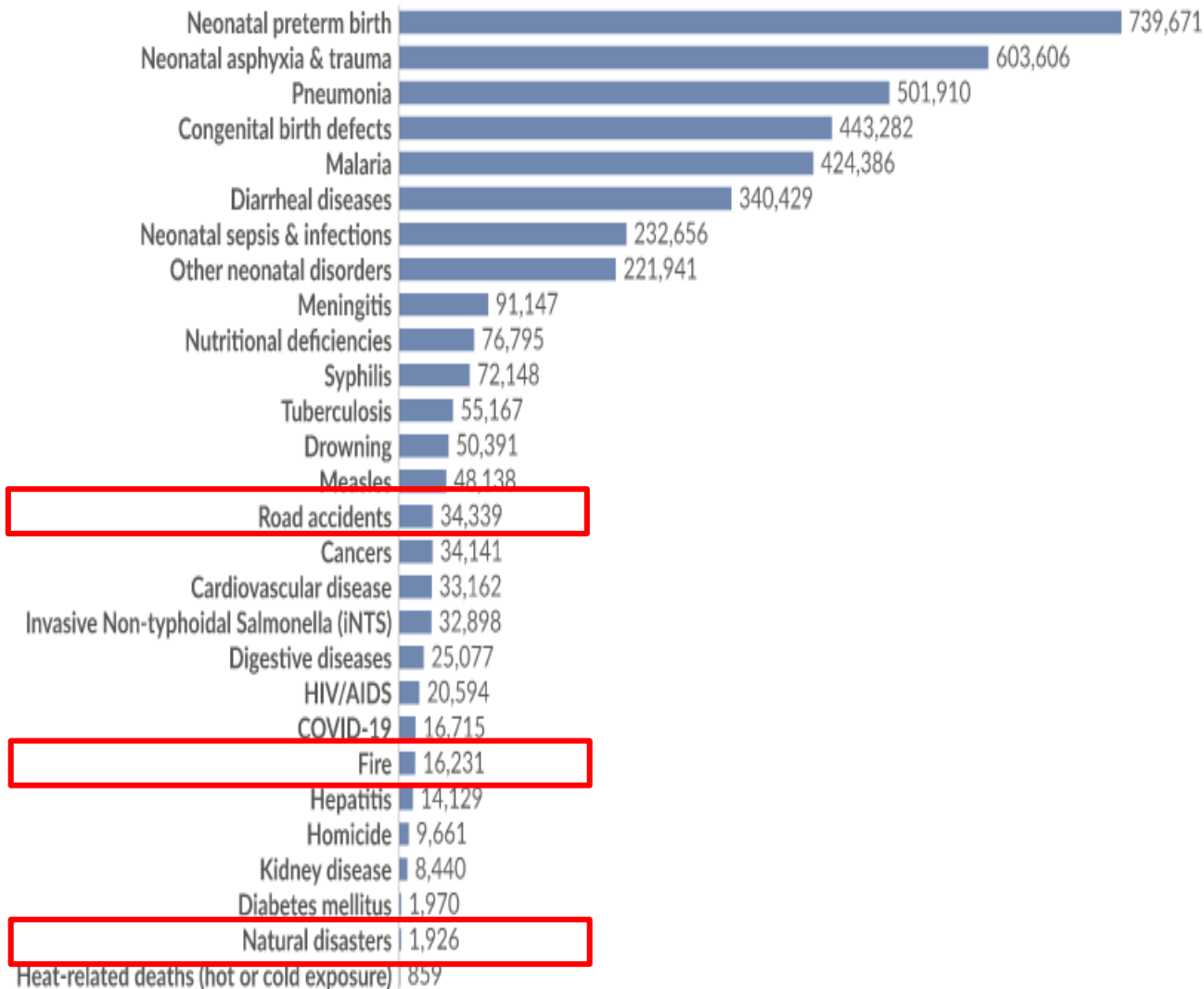
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Causes of death in children under five, World, 2021

Our World
in Data

The estimated annual number of deaths from each cause. Estimates come with wide uncertainties especially for countries with poor vital registration.

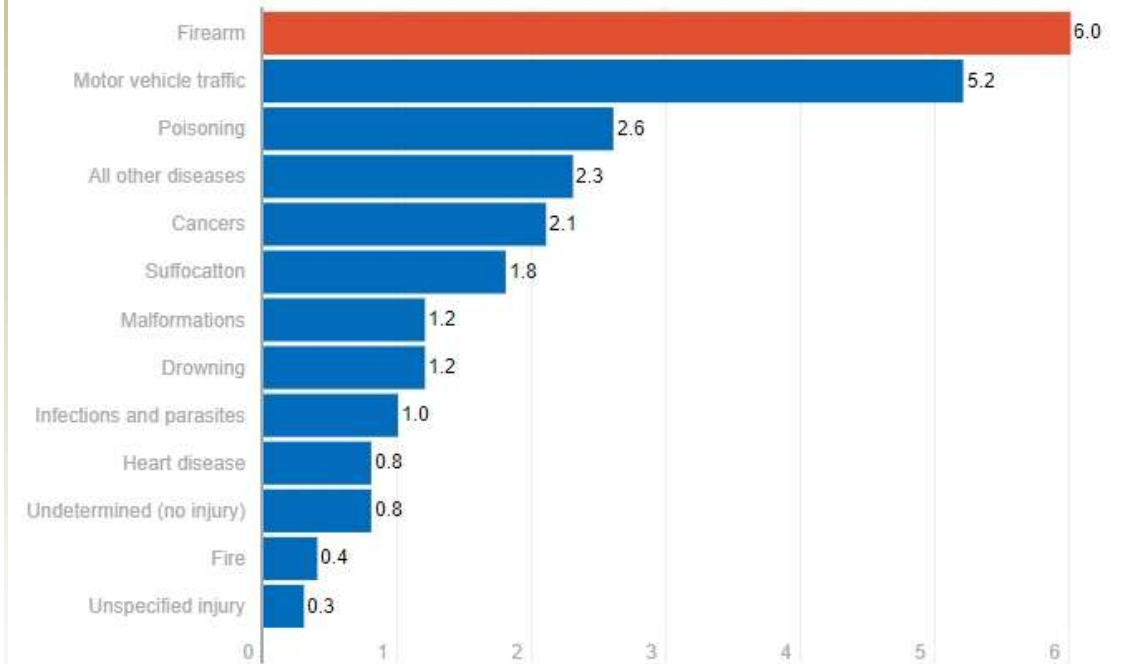


Data source: IHME, Global Burden of Disease (2024)

OurWorldinData.org/causes-of-death | CC BY

In 2021, firearms were the leading cause of death for children ages 1 to 19 in the U.S.

Rate per 100,000 population



Other causes with smaller rates not shown.

Source: Centers for Disease Control and Prevention

POLITIFACT

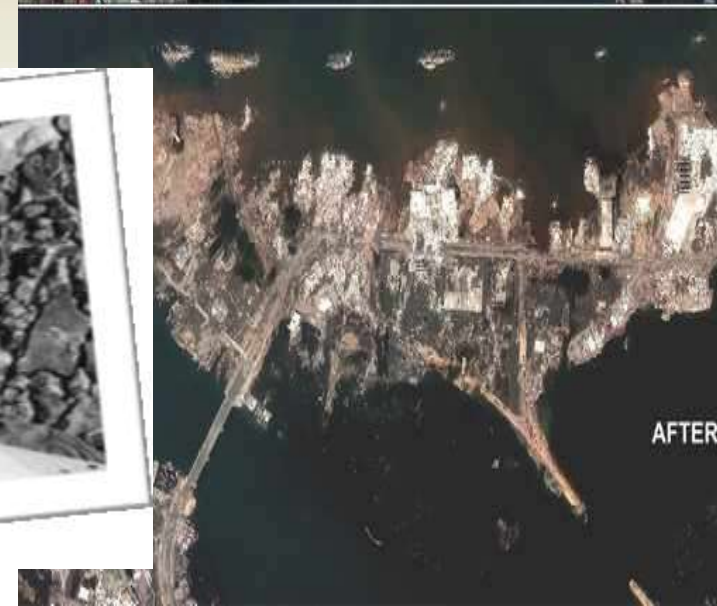
Ας δούμε μερικά παραδείγματα...

• Φυσικές καταστροφές

- Σεισμός Shaanxi Κίνα, 1556 (830.000)
- Η πλημμύρα του κίτρινου ποταμού, 1887 (1.500.000)
- Πλημμύρες στην κεντρική Κίνα, 1931 (4.000.000 νεκροί)
- Κυκλώνας Bhola, Μπαγκλαντές , 1970 (500.000)
- Τσουνάμι του Ινδικού Ωκεανού, 2004 (225.000)
- 2010
 - Σεισμός στην Αϊτή (222.570)
 - Καύσωνας και οι φωτιές στα δάση το καλοκαίρι στη Ρωσία (56.000)
 - Σεισμός στην Κίνα (2.700)

• Ανθρωπογενείς καταστροφές

- Ινδία, 1984, διαρροή αερίου από εργοστάσιο (50.000)
- 1986, Τσερνόμπιλ, Ουκρανία (9000)



Victoria Hall disaster



The **Victoria Hall disaster**, in which 183 children died, occurred in Sunderland, England, on 16 June 1883 at the Victoria Hall, which was a large concert hall on Toward Road facing onto Mowbray Park.

Victoria Hall, Sunderland,

On Saturday Afternoon at 3 o'clock.

SCHOOL TICKET

THE FAYS

From the Tynemouth Aquarium,

We'll give a Grand Day Performance for Children,
THE GREATEST TREAT FOR CHILDREN EVER GIVEN

Conjuring, Talking Waxworks, Living
Marionettes, The Great Ghost Illusion, &c.

This Ticket will admit any number of Children on payment of
ONE PENNY Each ; Reserved Seats, 2d., Nurses
or Parents with Children 3d.

PRIZES !

Every Child entering the room will stand a chance of receiving
a handsome Present, Books, Toys, &c.

This Entertainment has been witnessed by thousands of
delighted Children throughout England.

Με αριθμούς... και θύματα παιδιά

- **Tsunami (Δεκέμβριος 2004)**
 - Εκτίμηση 225,000 νεκροί (περίπου 1/3 παιδιά)
 - Οι επιζήσαντες είχαν να αντιμετωπίσουν χολέρα, διφθέρια, δυσεντερία, τύφο και Ηπατίτιδα A & B
- **Wenchuan Σεισμός-China (2008)**
 - 69,000 νεκροί, 374,000 τραυματίες
 - 5335 μαθητές πέθαναν σε σχολεία που κατέρρευσαν
 - 546 μαθητές με αναπηρία





Πρόχειροι καταυλισμοί...

Αϊτή 2010 (Σεισμός)

- 2.000.000 άστεγοι
- 200.000 νεκροί





Πλημμύρες... Μανίλα, 2012





Τυφώνας Harvey (2017)

- 39.000 άστεγοι (1/3 παιδιά)





PHOTO

Akure (center), 31, and her children try to eat the marrow from a donkey bone in Turkana county, northern Kenya. Many in their village are going hungry since the river dried up, their animals died, and food became scarce. (©2017 World Vision/photo by Jon Warren)



PHOTO *The refugee crisis in Bangladesh is one of the worst disasters of 2018. More than 730,000 people from Myanmar have fled to Bangladesh as refugees since Aug. 25, 2017 because of extreme violence in northern Rakhine state. (©2018 World Vision/photo by Annila Harris)*

Ελλάδα...2015...2017...2019..., Σύριοι πρόσφυγες





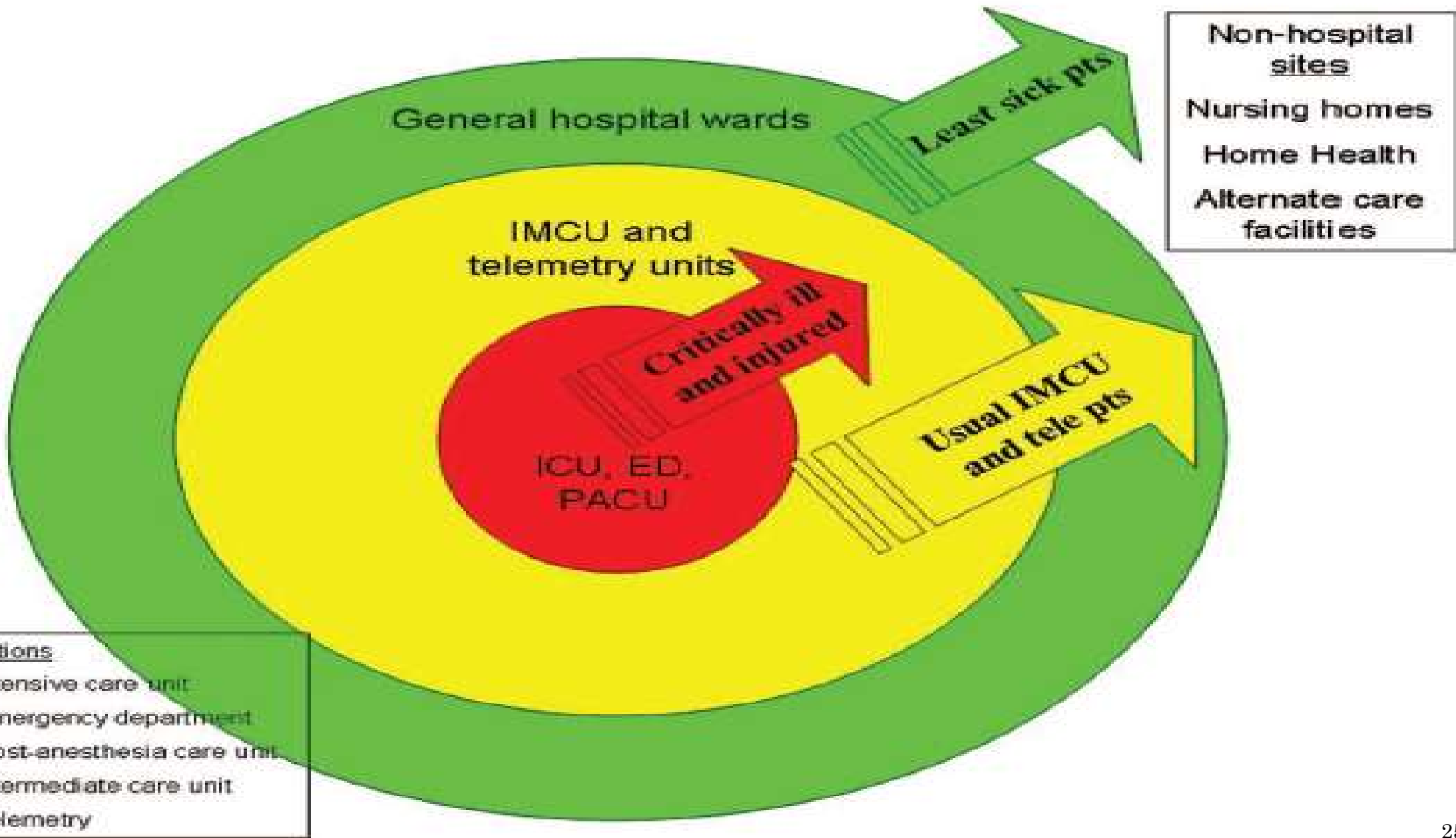
Μάτι, Αττική

23 Ιουλίου 2018



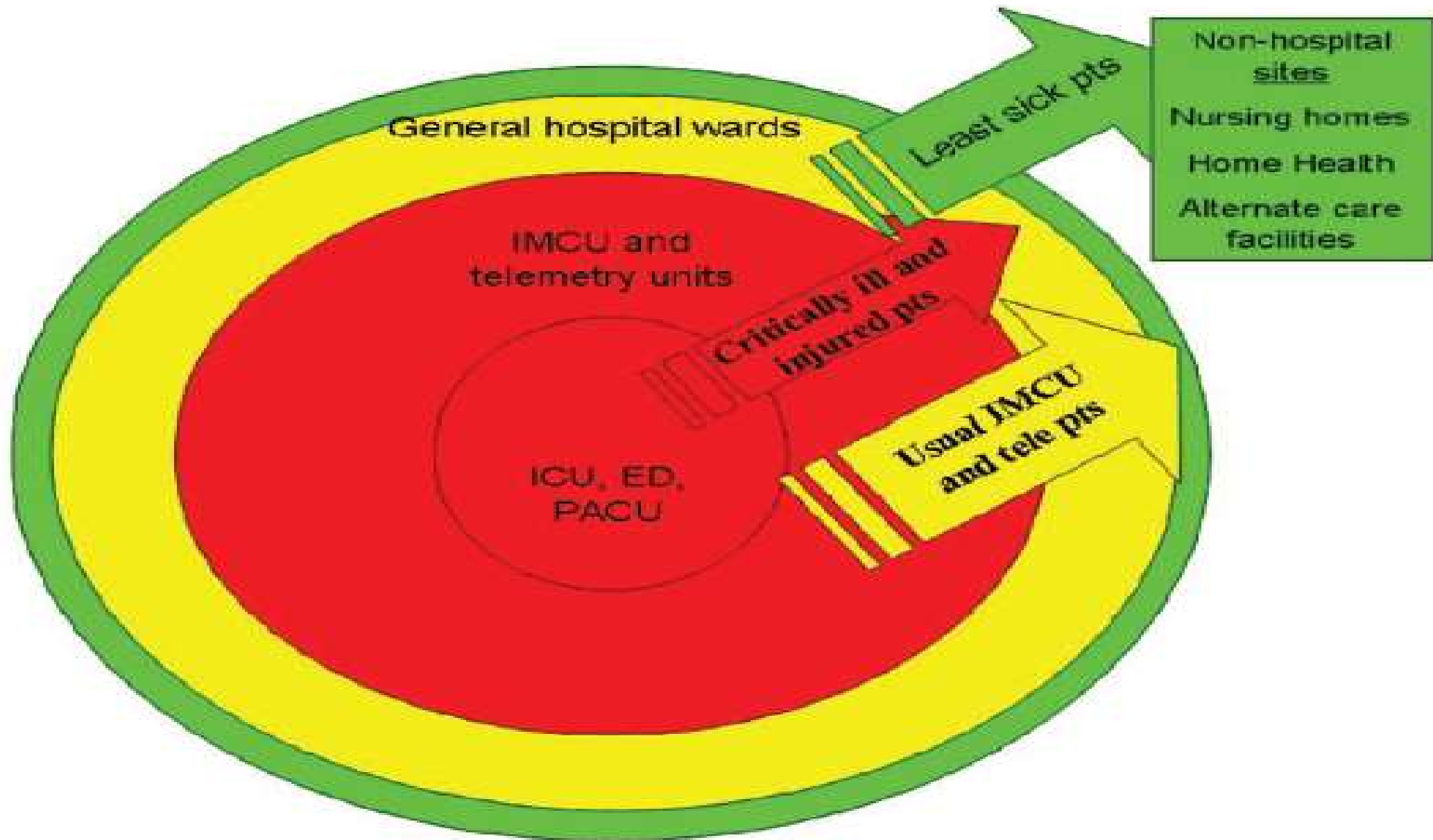


Σχηματική προσαρμογή κλινών σύμφωνα με τις απαιτούμενες ανάγκες (1)





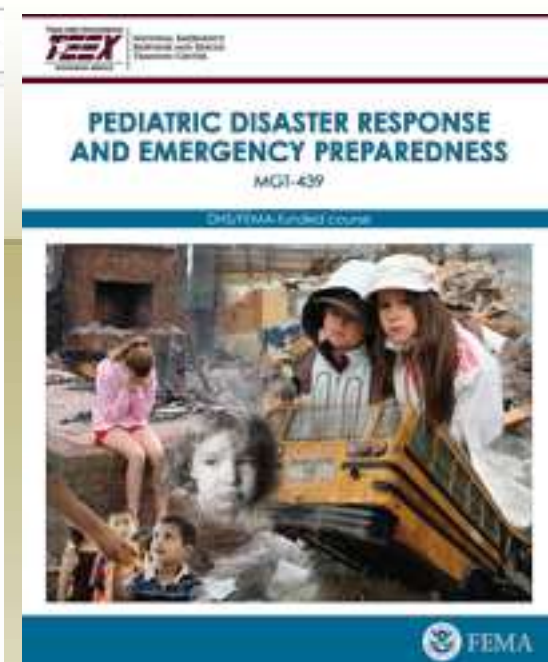
Σχηματική προσαρμογή κλινών σύμφωνα με τις απαιτούμενες ανάγκες (2)



Pediatric Disaster Resource and Training Center



The Pediatric Disaster Resource and Training Center (PDRTC) at Children's Hospital Los Angeles expanded in 2008, with funding from the U.S. Department of Health and Human Services. The goal of the PDRTC is to identify and address gaps in pediatric disaster preparedness, response and training so that healthcare providers are prepared to handle needs of children in case of a major disaster.



Συνήθη προβλήματα στα καταφύγια

Τα παιδιά τα οποία εμπλέκονται σε μια ΜΚ αντιμετωπίζουν:

- Κίνδυνο θανάτου/ Μόνιμης βλάβης/ Αναπηρίας/ Τραυματισμού
- Αποχωρισμό από τους γονείς
- Θλίψη και θρήνο
- Προβλήματα υγείας
 - Τραυματισμούς – Προβλήματα κινητικότητας
 - Αναπνευστικές παθήσεις
 - Λοιμώξεις
 - Διάρροιες
 - Διαταραχές έμμηνης ρύσης στις νεαρές έφηβους
- Προβλήματα σίτισης, εύρεσης νερού και υγιεινής
 - Ποιότητα και τρόπος παρασκευής φαγητού
 - Διαταραχές θρέψης/ περιορισμός μητρικού θηλασμού
 - Περιορισμένες δυνατότητες σωματικής υγιεινής
 - Συνωστισμός
 - Επαφή με απορρίμματα
- Αυξημένο κίνδυνο κακοποίησης, βίας και αμέλειας
- Ψυχοσυναισθηματικές διαταραχές
- Αβεβαιότητα για το μέλλον





Φιλικά προς τα παιδιά καταφύγια

Οι διεθνείς συστάσεις επιγραμματικά αναφορικά με τα χαρακτηριστικά των καταυλισμών/καταφυγίων τα οποία φιλοξενούν παιδιά μετά από ΜΚ, αναφέρουν ότι σε αυτά θα πρέπει να περιλαμβάνονται:

- Χώροι ειδικά διαμορφωμένοι για παιχνίδι
- Χώρους για εκπαίδευση και ενημέρωση των παιδιών
- Ειδικούς χώρους στους οποίους θα μπορούν να μιλήσουν με ειδικούς και να εκφράσουν τα συναισθήματά τους
- Υψηλές συνθήκες ασφάλειας και προστασίας των παιδιών από κακοποίηση, βία ή αυτοτραυματισμό.
- Καταγραφή των στοιχείων των παιδιών για την ευκολότερη ανεύρεση τους από τους γονείς τους.
- Επανένωση των παιδιών με την οικογένειά τους.

A Child Friendly Space provides:

- **Play** – A fun place with sports, team and cultural activities to allow the children to switch off from their worries and concerns.
- **Transitional Formal and Informal Education** - literacy and numeracy, but also life skills, health education in new environments, psycho-education to reassure each child they are having a normal reaction to an abnormal situation.
- **A place to express and voice their feelings** to help them realize that they are not alone through role-plays, dances, talking and traditional coping activities, connected with local cultural identity.
- **Important information** on what is happening around them to help them regain a sense of control in their lives.
- **Safety for children** while their parents/caregivers attend to daily activities. It also becomes a place for parents to meet and support each other
- **Security and hope** for separated children by registering them, and a place for parents/children to enquire about missing children/siblings.







Ηλεκτρονικές παραπομπές...

- <https://www.cdc.gov/childrenindisasters/>
- <https://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/Children-and-Disasters/Pages/Pediatric-Terrorism-And-Disaster-Preparedness-Resource.aspx>
- <https://asprtracie.hhs.gov/technical-resources/31/pediatric/27>
- <https://www.ready.gov/coping-with-disaster>

Trauma resources

Access to disaster help and resources:

Website: <http://www.disasterassistance.gov>

Centers for Disease Control and Prevention

Website: <http://emergency.cdc.gov/mentalhealth>

Federal Emergency Management Agency

Phone: 1-800-480-2520

Website: <http://www.fema.gov/kids>

National Center for PTSD

Website: <http://www.ptsd.va.gov>

The National Child Traumatic Stress Network

Website: <http://www.nctsn.org>

Substance Abuse and Mental Health Services Administration

Disaster Distress Helpline

Phone: 1-800-985-5990

Website: <http://www.disasterdistress.samhsa.gov>



Ερωτήσεις

