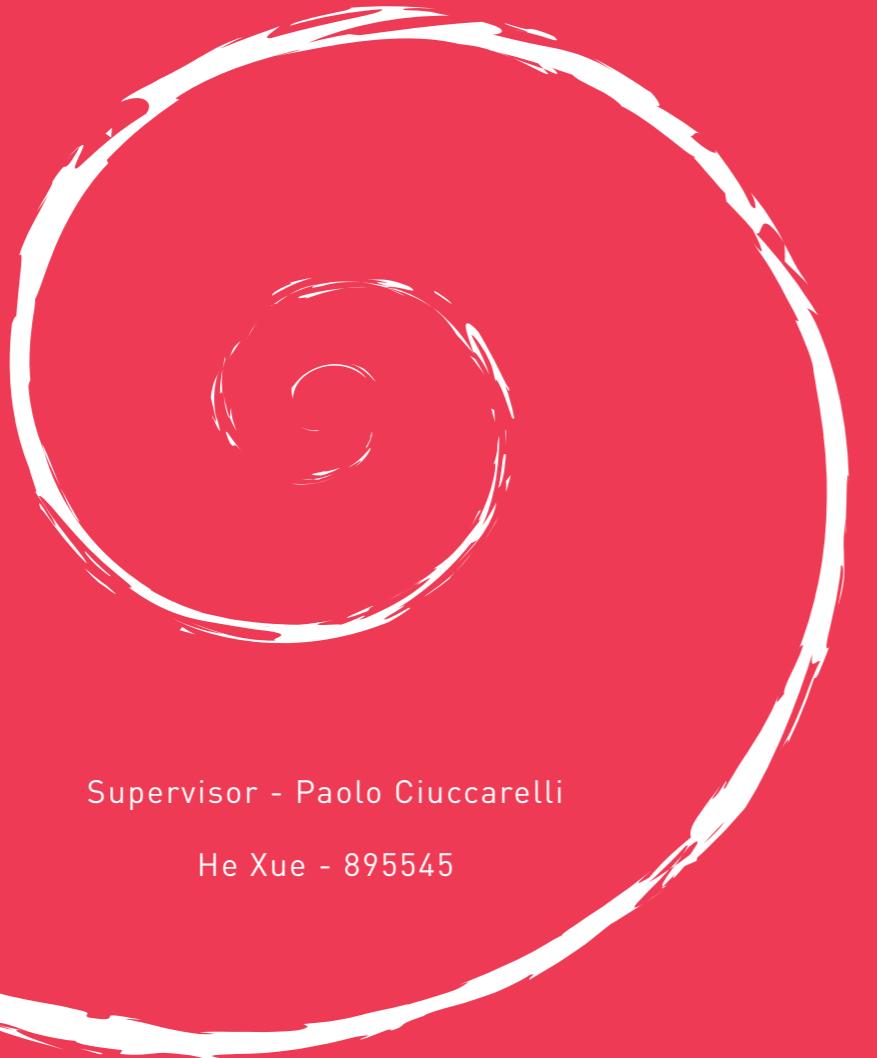


A.A. 2017/2018

KEEP CALM AND LIVING ON

Data Multi-experience of the Human Stampede



Supervisor - Paolo Ciuccarelli

He Xue - 895545

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ABSTRACT

There has been long history about the stampedes, from time immemorial, man has been a gregarious animal, attracted by group activities naturally, which will lead the large crowd gatherings, even the stampedes in the end, which continue to happen frequently all over the world, and bring great loss to the humans. Under this situation, what threatens us is that we know little about the stampede, from how it happens to how to survive from it.

This project is divided into two main parts, first part is the data visualization of multi-aspects of the stampedes, which contains the public attitudes toward the stampedes and the analysis of the the main events, which contains 272 disasters from 1902 to 2018, which are divided into 8 main types (accident, cultural, entertainment, sport, religious, personal, political and terrorist), according to the article in Disaster Medicine and Public Health Preparedness, and many other subtypes (like rumour, fire, football and so on) for detailed analysis.

The second part is the data multi-experience of experimental solutions(like Human Microphone) to the public on a platform which aimed to raise the public attention through the multi-experience of the certain horrible event based on data to make the public aware of the dangers, and teach them the solutions to save themselves before the disasters occur.

Since sometimes most people can't avoid going the large activities. It is better to have a basic knowledge of stampede and teach them how to survive if they are in danger during mass gatherings at the same time.

keywords:

human stampede, crowd disaster, survival, data multi-experience, public consciousness, digital popularization

Photo:

<https://www.thedailybeast.com/uk-court-blames-police-not-soccer-fans-for-hillsborough-disaster>





ABSTRACT

07

C'è stata una lunga storia sulla fuga precipitosa perché, da tempo immemorabile, l'uomo è un animale socievole, attratto naturalmente dalle attività di gruppo, che hanno portato a grandi assembramenti di folla, anche i fuggi fuggi generali che continuano ad accadere frequentemente in tutto il mondo e portano grandi perdite agli umani. In questa situazione, ciò che ci minaccia è che sappiamo poco della fuga precipitosa, da come accade a come sopravvivere ad essa.

Questo progetto è diviso in due parti principali; la prima parte è la visualizzazione dei dati dei multi-aspetti della fuga precipitosa, che contiene l'opinione pubblica nei confronti delle vittime e l'analisi degli eventi principali, ossia di 272 disastri dal 1902 al 2018, divisi in 8 tipi principali (incidente, culturale, intrattenimento, sport, religione, personale, politico e terrorista), secondo l'articolo di Disaster Medicine e Public Health Preparedness, e molti altri sottotipi (come voci, fuoco, calcio e così via) per analisi dettagliate.

La seconda parte è la progettazione multi-esperienza di soluzioni sperimentali (come Human Microphone) per il pubblico.

Il piattaforma che mirava a suscitare l'attenzione del pubblico attraverso la multi-esperienza di un terribile evento, per renderlo consapevole dei pericoli e insegnare alle persone come salvarsi prima che si verifichino i disastri.

Dal momento che a volte la maggior parte delle persone non può evitare di partecipare ai grandi eventi, è meglio avere una conoscenza di base della fuga precipitosa e insegnare loro come sopravvivere se sono in pericolo durante gli eventi affollati.

Parole Di Chiave:

fuga precipitosa umana, disastro della folla, sopravvivenza, multi-esperienza di dati, coscienza pubblica, divulgazione digitale

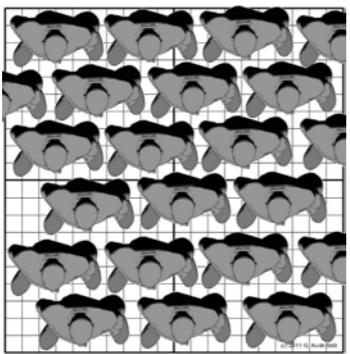
01

BACKGROUND INTRODUCTION



1. 1

What is the stampede



5 people per square meter

Source:

- 1). Mintz A. Non-adaptive group behavior. *J Abnorm Psychol.* 1951;46:150–159.
- 2). Kelley HH, Condry JCJ, Dahlke AE, et al. Collective behavior in a simulated panic situation. *J Exp Social Psychol.* 1965;1:20–54.
- 3). Elliott D, Smith D. Football stadia disasters in the United Kingdom: learning from tragedy? *Ind Environ Crisis Q.* 1993;7:205–229.
- 4). Smith RA, Dickie JF, eds. *Engineering for Crowd Safety*. Amsterdam: Elsevier; 1993.
- 5). Quarantelli E. The behavior of panic participants. *Social Social Res.* 1957;41:187–194.
- 6). Keating JP. The myth of panic. *Fire J.* 1982;147:57–61.
- 7). Helbing D, Johansson A. Pedestrian, Crowd, and Evacuation Dynamics[J]. *Encyclopedia of Complexity & Systems Science*, 2012, 16:697-716.

Photo:

<https://imgur.com/ksSg3MU>

Long before you begin to be physically crushed, at a density of just five people per square meter, mass movement can trigger a tragedy.

Glossary

Stampede Uncontrolled concerted running as an act of mass impulse among herd animals or a crowd of people in which the group collectively begins running, often in an attempt to escape a perceived threat. It may be characterized as an impulsive mass movement of a crowd that often results in injuries and deaths. Another commonly associated term is trampling that leads to infliction of crushing casualties.

Escape Panic Described by a “headlong rush away from something” .

Crowd Agglomeration of many people in the same area at the same time. The density of the crowd is assumed to be high enough to cause continuous interactions with or reactions to other individuals.

Panic Breakdown of ordered, cooperative behavior of individuals due to anxious reactions to a certain event. Often, panic is characterized by attempted escape of many individuals from a real or perceived threat in situations of a perceived struggle for survival, which may end up in trampling or crushing of people in a crowd.

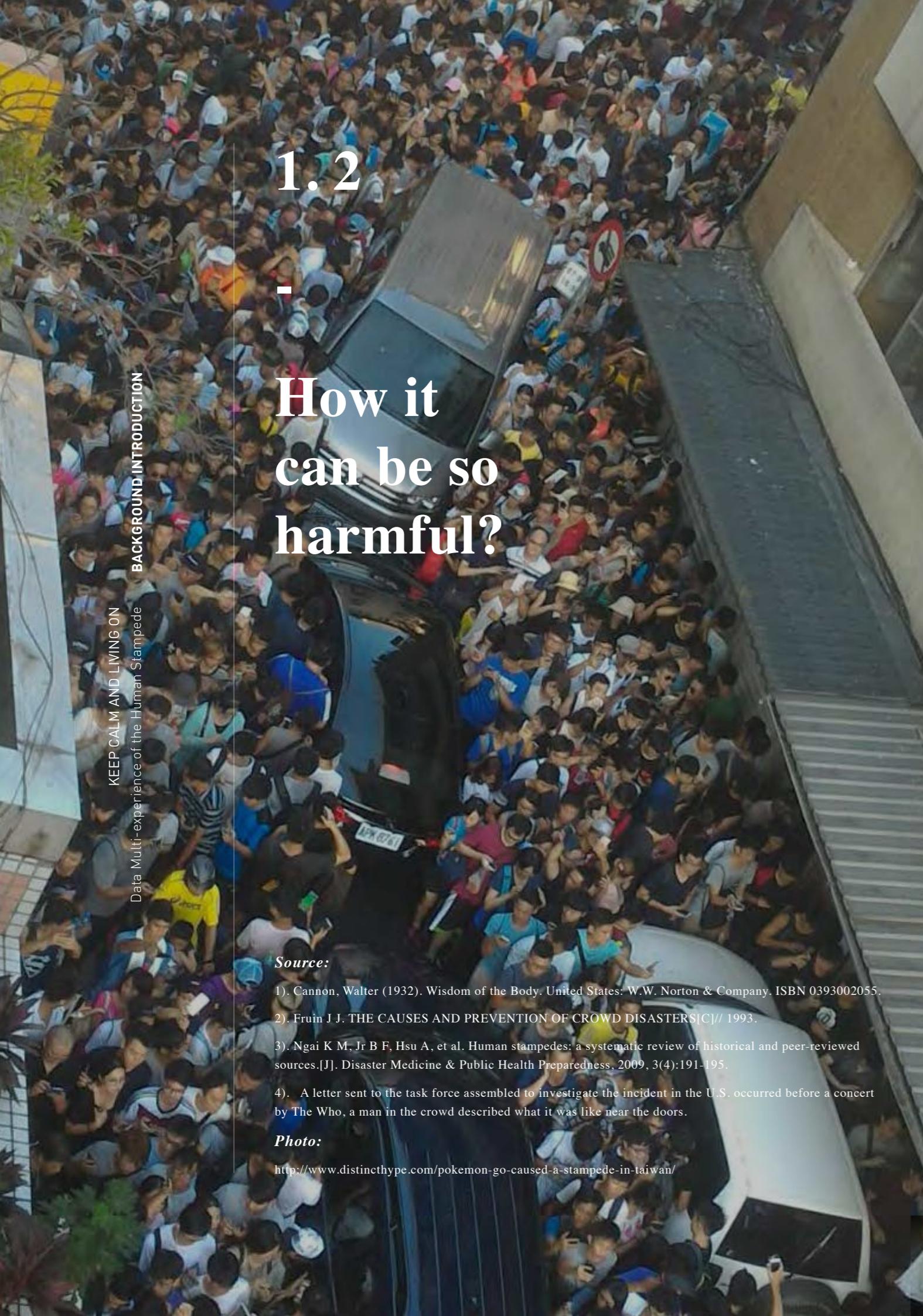
Self-organization Spontaneous organization not induced by initial or boundary conditions, by regulations or constraints. Self-organization is a result of non-linear interactions between many objects or subjects, and it often causes different kinds of spatio-temporal patterns of motion.

Social force Vector describing acceleration or deceleration effects that are caused by social interactions rather than by physical interactions or fields. [7]

11

Features of Escape Panic

- People move or try to move considerably faster than normal.
- Individuals start pushing, and interactions among people become physical in nature.
- Moving, and in particular, passing of a bottleneck becomes uncoordinated.[1]
- At exits, arching and clogging are observed.
- Jams build up.[2]
- The physical interactions in the jammed crowd add up and cause dangerous pressures up to 4450 N/m², which can bend steel barriers or push down brick walls.[3],[4]
- Escape is slowed further by fallen or injured people acting as obstacles.
- People show tendency toward mass behavior, mimicking what other people do.[5],[6]
- Alternative exits are often overlooked or not efficiently used in escape situations.[3],[6]



1. 2

How it can be so harmful?

KEEP CALM AND LIVING ON
Data Multi-experience of the Human Stampede

BACKGROUND INTRODUCTION

Source:

- 1). Cannon, Walter (1932). Wisdom of the Body. United States: W.W. Norton & Company. ISBN 0393002055.
- 2). Fruin J J. THE CAUSES AND PREVENTION OF CROWD DISASTERS[C]// 1993.
- 3). Ngai K M, Jr B F, Hsu A, et al. Human stampedes: a systematic review of historical and peer-reviewed sources.[J]. Disaster Medicine & Public Health Preparedness, 2009, 3(4):191-195.
- 4). A letter sent to the task force assembled to investigate the incident in the U.S. occurred before a concert by The Who, a man in the crowd described what it was like near the doors.

Photo:

<http://www.distincthype.com/pokemon-go-caused-a-stampede-in-taiwan/>

The fight-or-flight response (also called hyperarousal, or the acute stress response) is a physiological reaction that occurs in response to a perceived harmful event, attack, or threat to survival [1]. When we are aware of the danger, escaping is our instincts. People are anxious to escape and cause the situation out of control; and some people are curious, where people crowded to see the bustle, which will cause crowding and even trampling.

Shock waves can be propagated through the mass sufficient to lift people off of their feet and propel them distances of 3 m (10 ft) or more. People may be literally lifted out of their shoes, and have clothing torn off. Intense crowd pressures, exacerbated by anxiety, make it difficult to breathe. Some people

die standing up; others die in the pileup that follows a “crowd collapse,” when someone goes down, and more people fall over him. “Compressional asphyxia” is usually given as the cause of death in these circumstances [2], but merely die from being trampled underfoot.

The pounding of the waves was endless. . . . If a wave came and you were being stood upon with your feet pinned to the ground, you would very likely lose your shoes or your balance and fall. Some people near the doors did go down. They began to fall, unnoticed by all but those immediately surrounding them. People in the crowd 10 feet back from them didn't know it was happening. Their cries were impossible to hear above the roar of the crowd. . . . There was a pile of people forming, and all of the people around them were being crushed into the pile, for there was no resistance. If the person in front of you went down, then you would follow for there was no one to lean against. A wave swept me to the left and when I regained a stance I felt I was standing on someone. [4]

hard to access the patient, police can't prevent the crowd, people shout also make the command hard to reach.

But it can also be dangerous to simply follow the stream of people if you can't find the place to rely on, you will be easily pushed down and stepped by others, or squeezed to asphyxiating death.

Even you survived in such a disaster, it will leave you with a permanent trauma of such horrible memory.

1. 3

The meaning of this project

Although there have been so many reports about the human stampedes, we merely check the news and still know little about them, not to mention the few people have the ability to survive these tragedies.

With the world's population increasing, and the advancement of the urbanization process, crowds will become ever larger, events will be more and more in the big cities, and disasters may become more frequent. Almost anywhere, any event, you can be trapped in a crowd: on a subway platform, at the stadium, in the park, or in the mall. But people often have no idea when facing such disaster, because there is no place to hide and no chance to escape, what we can do is to know more about this disaster and learn from the history, then prepare all the knowledge we need to survive from it.

The public need to correctly understand the panic, so when a disaster occurs, we can understand the development process of the disaster as much as possible, and maintain calmness before we can make correct decisions.

Photo:

<https://i.pinimg.com/originals/9b/d2/65/9bd265b8382910fbfa6dab4b9b509b39.jpg>



1. 4

Project Procedures

what should do during a stampede? The project analyses the official reports and public concerns through the social media and news website to find the design opportunities

1) Accumulate the datasets in different platforms (Google, BBC news, twitter, and so on) to start the preliminary research. Considering media inscriptions are (in general) not created by or for the academic community[1], the dataset of the historical events in this project is based on the Prof. Dr. G. Keith Still's research.

2) Find the research chances through the preliminary research.

3) Continue to collect and refine the related information for the further analysis based on the research chances which are found in the last step.

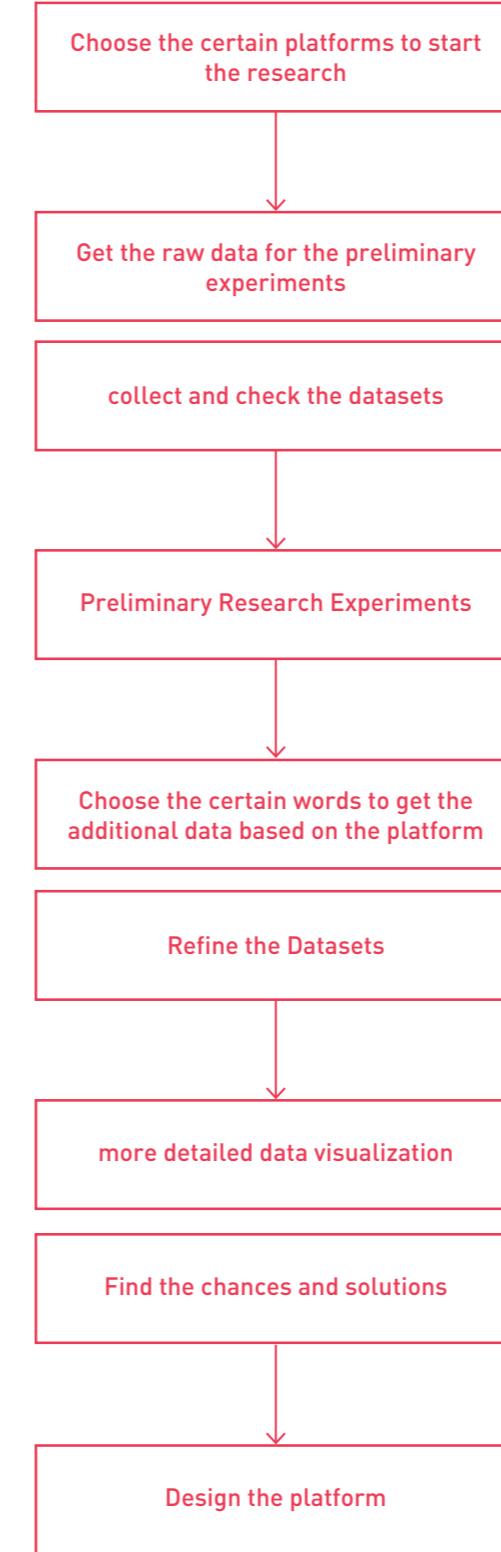
4) Make the more detailed data visualizations based on the datasets which are refined to find the chances and solutions of the stampede issue.

5) Based on problems and the possible chances to design an platform to give the public an experimental solution.

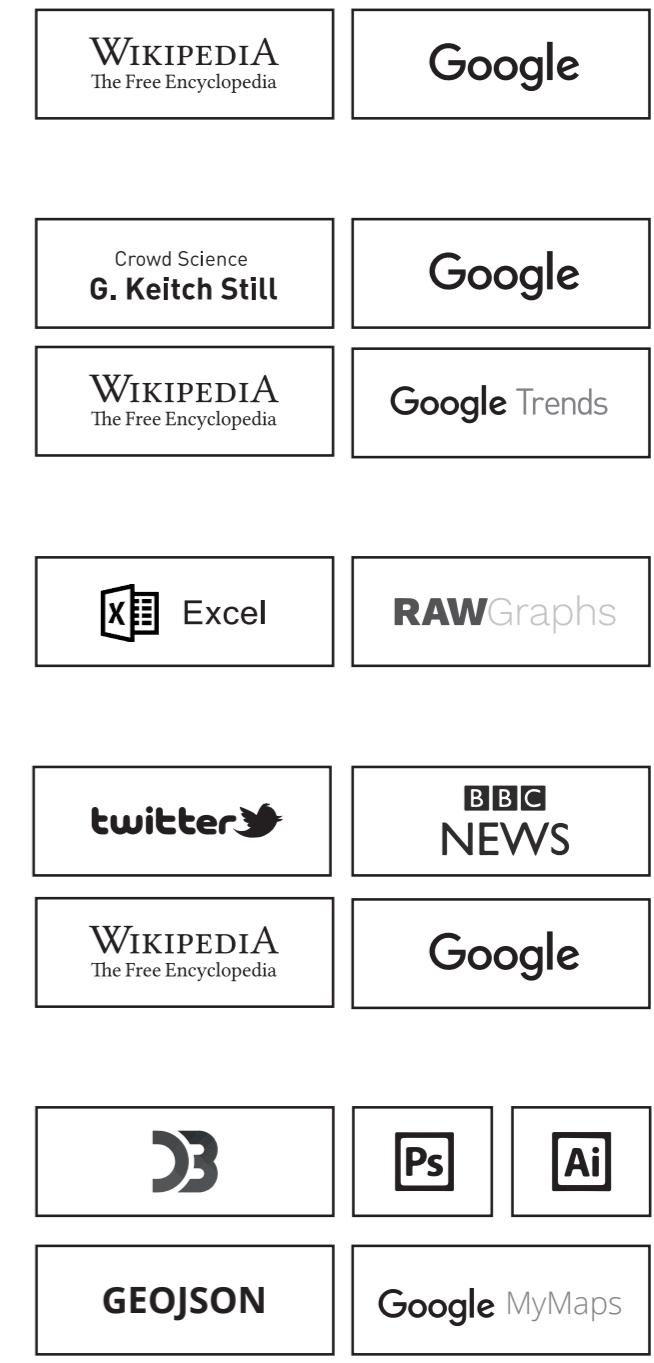
Source:

1) Marres, N. (2017). Digital Sociology: The Reinvention of Social Research. London: Polity Press.

PROCEDURES

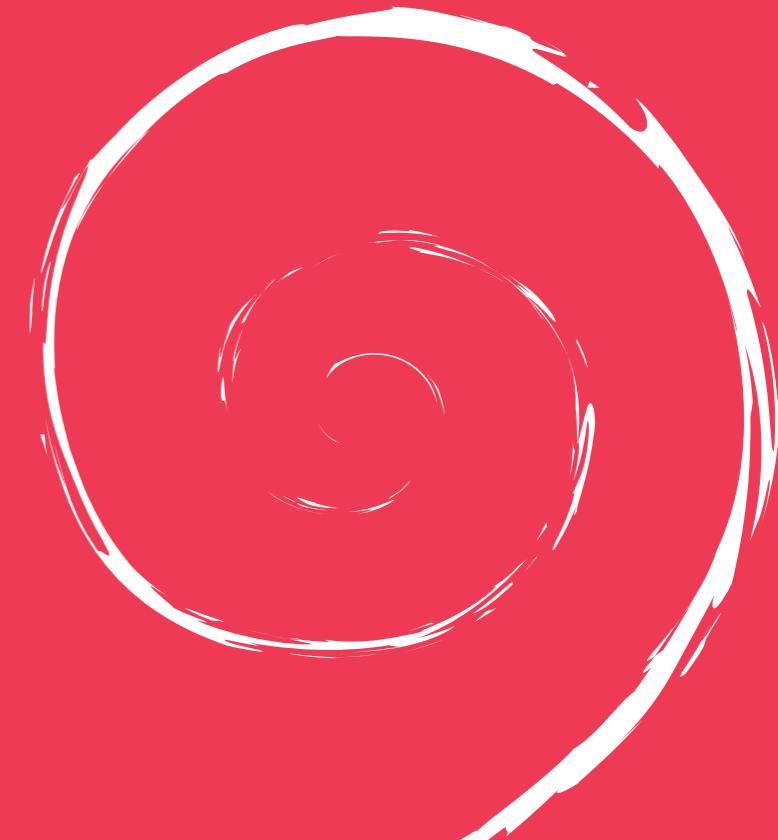


TOOLS



02

WHY
IT
MATTERS



2. 1

Research Introduction

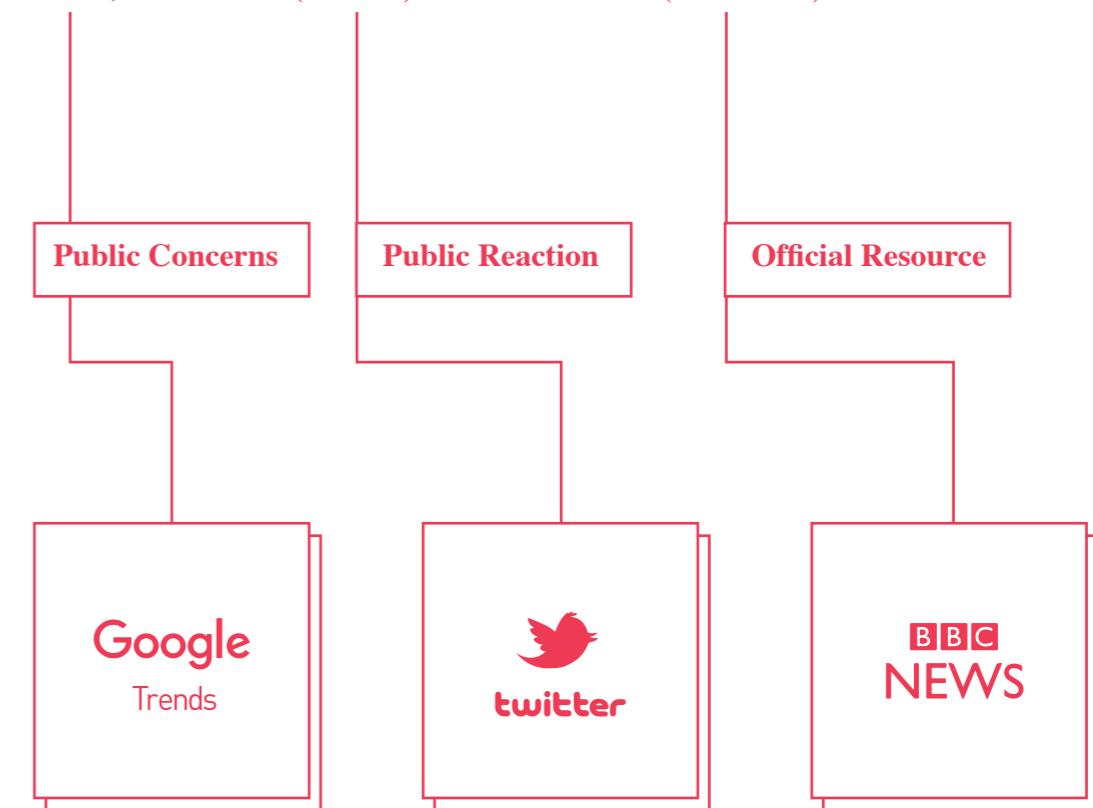
How and why choose these platforms

Once you can get information as bores, bytes, modem, sockets, cables and so on, you have actually a more material way of looking at what happens in Society.[1]

Compared to the past, public discussions can be traceable, through the digital ways, we can accumulate massive data about the public opinions about some issues. Researchers have always relied on media inscriptions to investigate collective phenomena and the advent of digital media has increased the quantity and variety of the traces at their disposal. [2]

But the media can be somewhere actors themselves whose actions interfere with and transform the behavior of their users[3]. These ‘media effects’ should be taken into consideration to understand that the phenomena we observe are not just hosted and traced by the media in which they occur, but also deeply shaped by them[4]. So doing the research based on a single platform may be too limited for the public issues. The different platform can offer different insights according to their characteristics. Combine them together for the same research target can be more efficient.

Considering the investigated scope this research evolves, the research change single-platform to cross-platform analysis which starts with Google Trend, **social media(Twitter)** and **official media(BBC news)**.



Source:

- 1) Latour, B. (1998). Thought experiments in social science: from the social contract to virtual society. In *1st Virtual Society? Annual Public Lecture*. Brunel University, London, 1 April.
- 2) Venturini, T., Jensen, P., & Latour, B. (2015). Fill in the Gap: A New Alliance for Social and Natural Sciences. *Journal of Artificial Societies and Social Simulation*, 18(2), 11. (<http://jasss.soc.surrey.ac.uk/18/2/11.html>)
- 3) Castells, M. (2009). *Communication Power*. Oxford: Oxford University Press.
- 4) Venturini, T., Bounegru, L., Gray, J., & Rogers, R. (2018). A reality check(list) for digital methods. *New Media & Society* , (forthcoming), 146144481876923. <http://doi.org/10.1177/1461444818769236>

2. 2

Queries

Every time you use a query (or a set of queries) to extract information from a platform, you should infer which words are used by the actors you are interested in to define their matters of concern. [1] Considering the query will seriously influence the search results for collecting the data. It's necessary to explain what and why to choose the queries based on the different platforms.

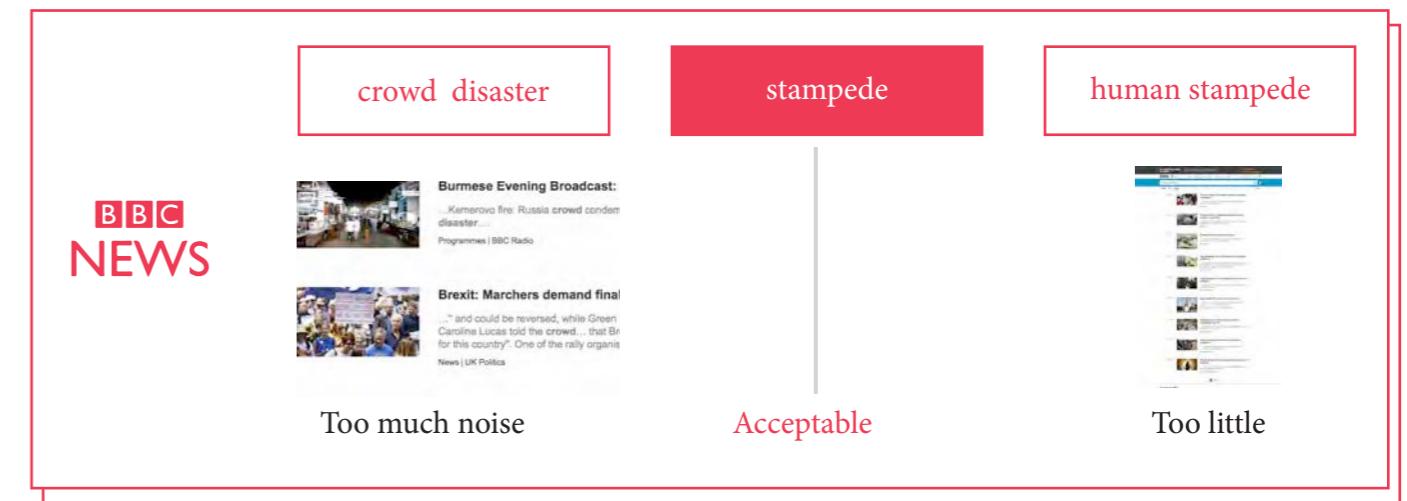
There is also the language problems because the news can be written in many different languages, so there can be some problems if the research only use the English, which may exclude the parts of people.

Furthermore, the term "stampede" could cause various interpretations, for example, calgary stampede, which is an annual rodeo, exhibition and festival held every July in Canada. and bull stampede as well as cow stampede also can be included in the search result. Even human stampede itself can have various interpretations, sometimes, it can be related to the marathon race, or even just the name of a musician. But it's inevitable because there can be no such exact description to erase all the other unrelated words.

The problem here is not to be exhaustive. Exhaustiveness is a false ideal in digital research. Not only because there are just too many digital traces out there for researchers to hope to seize them all, but also – and more importantly – because extending one's coverage may produce more noise than signal. Digital corpora can never be exhaustive. They can however be representative. They should not necessarily cover each and every thread that constitutes the fabric of social phenomena, but they not should tear such fabric or artificially extend it. For most digital research, there is no straightforward statistical test to assess the validity of a corpus. The best way is to describe explicitly the various operations of selection and transformation that connects the original traces to the final corpus and reflect on their analytical consequences. [1] It is necessary to weigh the accuracy and the size of samples to decide the appropriate search keywords for the data collection.

Source:

1) Venturini, T., Bounegru, L., Gray, J., & Rogers, R. (2018). A reality check(list) for digital methods. *New Media & Society*, (forthcoming), 146144481876923. <http://doi.org/10.1177/1461444818769236>



Three die in China lake stampede

Three people have died in a stampede at a lake in China's eastern Shandong province. The stampede occurred in Chongming county, 20km from Shanghai. About 100 people were swimming in the lake when they were trampled by others.

Women die in India train stampede

At least 10 women have died in a stampede at a railway station in northern India. On completion of their journey, the stampede occurred at a platform in the northern Indian state of Bihar. The stampede reportedly occurred at a moment when passengers in the stampede were leaving the platform.

India temple stampede kills 12

Twelve people have died in a stampede at a Hindu temple in southern India. The stampede occurred at Madugiri, about 220km from Bangalore. Some 150 people had gathered at the temple to participate in a religious ceremony.

Zimbabwe sugar stampede kills 800

At least 800 people have been killed in a stampede at a sugar cane factory in Zimbabwe. The stampede reportedly occurred during a strike at the factory in the northern town of Gweru.

UK tourists recovered from stampede

UK tourists have been recovered from a stampede in Thailand. The tourists were staying in a hotel in Phuket, Thailand, after a stampede at a supermarket in the city. The stampede reportedly occurred at a moment when tourists were leaving the supermarket.

Six die in Bangladesh stampede

Six people have died in a stampede in Bangladesh. The stampede reportedly occurred at a supermarket in the city of Dhaka. The stampede reportedly occurred at a moment when people were leaving the supermarket.

British case follows India stampede

A British man has died in a stampede in India. The stampede reportedly occurred at a supermarket in the city of Mumbai. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Habit police receive no stampede

Police in China's Jiangxi province have received no stampede reports since the start of the year. This is despite the fact that there have been several incidents of stampedes in the province.

India relay stampede kills 21

Twenty-one people have died in a stampede in India. The stampede reportedly occurred at a relay race in the city of Bangalore. The stampede reportedly occurred at a moment when people were leaving the race.

In pictures: China stampede

Twenty-one people have died in a stampede in China. The stampede reportedly occurred at a relay race in the city of Hangzhou. The stampede reportedly occurred at a moment when people were leaving the race.

Hundreds killed in Hull stampede

Hundreds of people have died in a stampede in Hull, UK. The stampede reportedly occurred at a supermarket in the city. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Air stampede kills 31

Thirty-one people have died in a stampede in India. The stampede reportedly occurred at a supermarket in the city of Ahmedabad. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Kenyans mourns crushed in stampede

Kenyan mourns have been crushed in a stampede in Kenya. The stampede reportedly occurred at a supermarket in the city of Nairobi. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Stampede victims crushed

Stampede victims have been crushed in a stampede in Kenya. The stampede reportedly occurred at a supermarket in the city of Nairobi. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Hundreds die in Kathat stampede

Hundreds of people have died in a stampede in Kathat, India. The stampede reportedly occurred at a supermarket in the city. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Two dead in China supermarket stampede

Two people have died in a stampede in China. The stampede reportedly occurred at a supermarket in the city of Changsha. The stampede reportedly occurred at a moment when people were leaving the supermarket.

Stampede kills 15

十五条人死在超市踩踏事件

Injury into Disha stampede

十五人死在超市踩踏事件

Fourteen killed in Hull stampede

十五人死在超市踩踏事件

Sixty-four die in India stampede

六十四人死在印度踩踏事件

Two dead in China supermarket stampede

两人死在超市踩踏事件

Stampede kills 15

十五人死在超市踩踏事件

Injury into Disha stampede

十五人死在超市踩踏事件

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六十四人死在印度踩踏事件

Two dead in China supermarket stampede

两人死在超市踩踏事件

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十五人死在超市踩踏事件

Sixty-four die in India stampede

六十四人死在印度踩踏事件

Two dead in China supermarket stampede

两人死在超市踩踏事件

Stampede kills 15

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Injury into Disha stampede

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十五人死在超市踩踏事件

Stampede kills 15

十五人死在超市踩踏事件

Sixty-four die in India stampede

六十四人死在印度踩踏事件

Two dead in China supermarket stampede

两人死在超市踩踏事件

Stampede kills 15

十五人死在超市踩踏事件

Injury into Disha stampede

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2008



Peru night club stampede aftermath (AP Photo/Martin Mejia) A stampede at a night club in Lima, Peru, killed 16 people and injured more than 100 others.

A horizontal collage of 20 news snippets from various media outlets about stampedes and accidents around the world, including India, Mexico, Thailand, and Indonesia. Each snippet includes a thumbnail image, a headline, and a brief description.

How to read

News

- A horizontal bar chart illustrating the distribution of Twitter users across different categories. The categories are represented by colored bars: Entertainment (red), Sport (blue), Cultural (orange), Religious (yellow), Accident (purple), Terrorist (pink), Relationship (grey), Official News (dark red), Discussion (dark blue), Survival Tip (dark green), Self News (dark orange), and Histories (dark grey). The length of each bar corresponds to the estimated percentage of Twitter users in that category.

| Category | Estimated Percentage |
|---------------|----------------------|
| ENTERTAINMENT | 10% |
| SPORT | 10% |
| CULTURAL | 10% |
| RELIGIOUS | 10% |
| ACCIDENT | 10% |
| TERRORIST | 10% |
| RELATIONSHIP | 10% |
| OFFICIAL NEWS | 10% |
| DISCUSSION | 10% |
| SURVIVAL TIP | 10% |
| SELF NEWS | 10% |
| HISTORIES | 10% |

RELATIONSHIP

Twitter

2010

12

11

11 / 23

11/22

| 10

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1

04

8

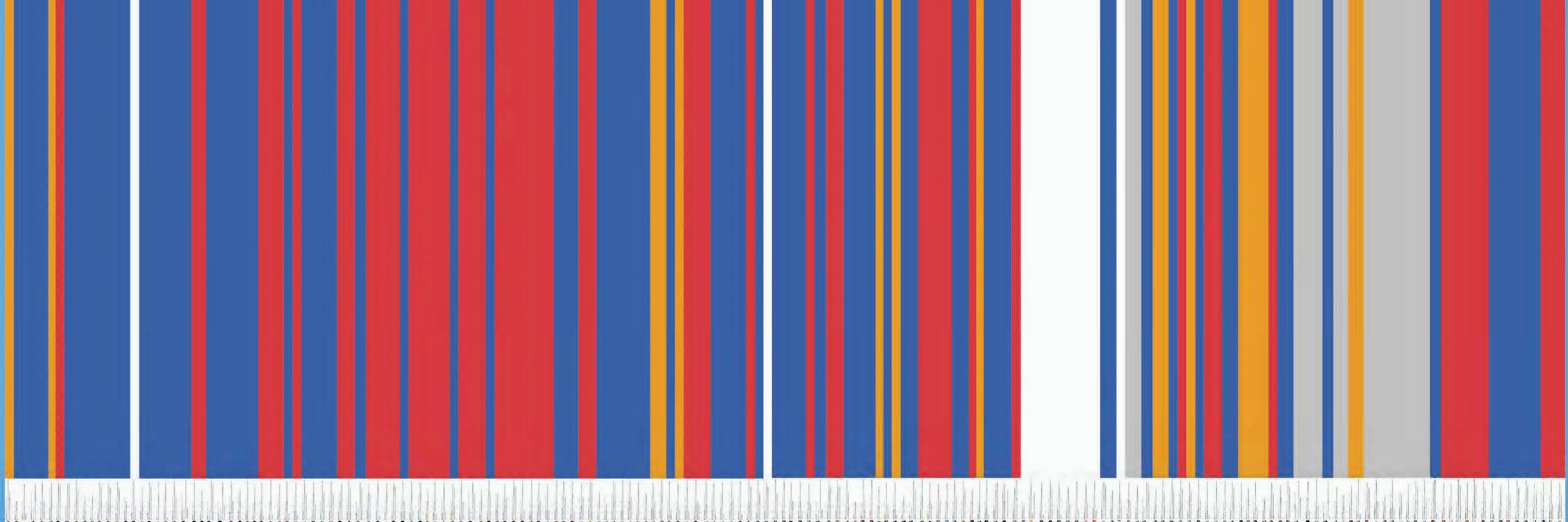
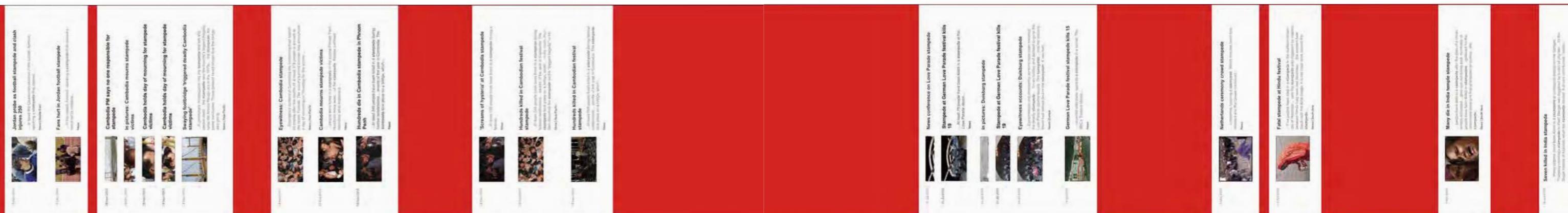
01

How to read

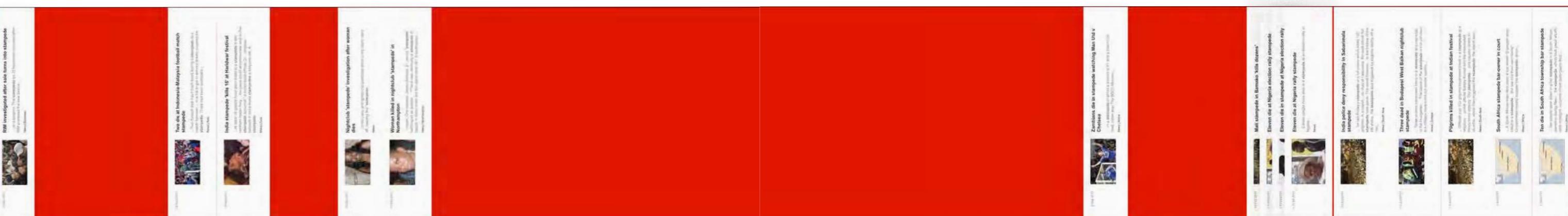
News

- A horizontal bar chart comparing the proportion of various news categories across different media sources. The categories are Entertainment, Sport, Cultural, Religious, Accident, Terrorist, Relationship, Official News, Discussion, Survival Tip, Self News, and Histories. The bars are color-coded: Entertainment (red), Sport (blue), Cultural (brown), Religious (orange), Accident (dark blue), Terrorist (grey), Relationship (light grey), Official News (red), Discussion (blue), Survival Tip (green), Self News (orange), and Histories (grey).

| Category | Entertainment | Sport | Cultural | Religious | Accident | Terrorist | Relationship | Official News | Discussion | Survival Tip | Self News | Histories |
|----------------|---------------|-------|----------|-----------|----------|-----------|--------------|---------------|------------|--------------|-----------|-----------|
| Proportion (%) | 15% | 10% | 10% | 10% | 10% | 10% | 10% | 15% | 15% | 15% | 15% | 10% |



2011



How to read

News



twitter

13

2012

BBC



12

11

10

09

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07

06

2012/06/28

2012/06/27

05

04

03

02

01

twitter

12

11

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09

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07

06

2012/06/28

2012/06/27

05

04

03

02

01

How to read

News

- █ OFFICIAL NEWS
- █ DISCUSSION
- █ SURVIVAL TIPS
- █ SELF NEWS
- █ HISTORIES
- █ ACCIDENT
- █ TERRORIST
- █ RELIGIOUS
- █ CULTURAL
- █ SPORT
- █ ENTERTAINMENT

Twitter

RELATIONSHIP



The Culprit In a Tragic Human Stampede: Physics

By Michael Bierman, International Society for Traumatic Stress Studies

No one need look far to witness how many people have been killed in stampedes. Everyone has probably heard of the Love Parade stampede in Duisburg, Germany, in July 2010, in which 20 people died. The original culprit was reportedly someone who had been pushing people forward in the crowd, causing them to trip over each other. This is what happened at the Love Parade in 2010. In the United States, there were nearly 200 deaths in the major theme park stampedes in recent years. The cause of the mass scale of deaths is often attributed to the density of the crowd, with fatalities more than twice the number of survivors.

PHOTO: After Stampede, Concert Organizers Are Future's Least Priority

Now, however, a team of researchers has identified a likely culprit: physics. David McRae, a professor at the University of Western Ontario, and his colleagues, including Michael J. Schaub, a graduate student, have developed a mathematical model to predict the outcome of stampedes. Their paper, due to be published online in *EPL (Europhysics Letters)*, will be presented at an international conference in Paris next week. The researchers' model is based on the concept of "self-organized criticality," in which a system of particles, such as people in a crowd, can spontaneously transition between different states. In the case of stampedes, the researchers found that the density of the crowd is the key factor in determining whether a stampede will occur or not. They write: "There are no terrible wrongs, just great and sometimes tragic mistakes."

© David McRae

Stampede kills one at Johannesburg university

2013



12

Church stampede in Anambra, Nigeria, kills 17
At least 17 people have been killed and many more injured in a踩踏 accident in a church in the town of Obudu in Nigeria's eastern state of Anambra.

11 / 28

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>India stampede: Rioters gather at bridge</p>  <p>In the central part of India, a stampede has been reported. Rioters have gathered at a bridge.</p> | <p>India: stampede: Anger over temple stampede</p>  <p>Anger is rising from the public over the stampede at a temple in the central Indian state of Madhya Pradesh. The stampede has reportedly killed several people.</p> | <p>India stampede in Madhya Pradesh kills 91</p>  <p>A stampede at a Hindu temple in the central Indian state of Madhya Pradesh has killed 91 people. The stampede reportedly occurred during a religious procession.</p> | <p>India stampede: Rioters attack rice mill</p>  <p>Rioters have attacked a rice mill in the central Indian state of Madhya Pradesh. The mill has reportedly been damaged by the rioters.</p> |
| <p>India stampede: Rioters gather at bridge</p>  <p>In the central part of India, a stampede has been reported. Rioters have gathered at a bridge.</p> | <p>India: stampede: Anger over temple stampede</p>  <p>Anger is rising from the public over the stampede at a temple in the central Indian state of Madhya Pradesh. The stampede has reportedly killed several people.</p> | <p>India stampede in Madhya Pradesh kills 91</p>  <p>A stampede at a Hindu temple in the central Indian state of Madhya Pradesh has killed 91 people. The stampede reportedly occurred during a religious procession.</p> | <p>India stampede: Rioters attack rice mill</p>  <p>Rioters have attacked a rice mill in the central Indian state of Madhya Pradesh. The mill has reportedly been damaged by the rioters.</p> |
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| <p>Colombia: buyer stampede results in Bogotá after police raid</p>  <p>A stampede of buyers followed a police raid on a car dealership in Bogotá, Colombia, last week. The raid was carried out by the police to combat tax evasion. The buyers, mostly men, were seen pushing and shoving each other to get into the showroom. The scene was chaotic, with many cars on display and people shouting. Some buyers were seen carrying away vehicles.</p> | <p>Uzbekistan: Buyers stampeded for chance to buy cars</p>  <p>In Tashkent, Uzbekistan, buyers stampeded for the chance to buy cars. The government has recently liberalized its import policies, allowing more foreign cars onto the market. This has led to a significant increase in the number of imported cars available for purchase. As a result, buyers have been queuing up for hours to get their hands on a new vehicle. The atmosphere is one of intense competition and excitement.</p> |
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| <p>Indonesia housing standards: Skills 17 in Papua province</p> <p>Indonesia's housing standards are introduced. It is a guide for the local government to build houses. The standards are developed by the Ministry of Housing. This document is intended for local governments to build houses.</p> | <p>Indonesia standards: Footage shows housing match aftermath</p> <p>Indonesia's housing standards are introduced. It is a guide for the local government to build houses. The standards are developed by the Ministry of Housing. This document is intended for local governments to build houses.</p> |
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...and the first time I saw it, I was hooked. I had never seen anything like it before. It's a very unique and interesting book. I think it's a great addition to any library.

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Kumh Mela stampede: BBC on stretch of Allahabad Promenade in Allahabad, India, where a stampede killed dozens of people.</p> | <p>Holy Coast mucus after new year stampede in Andhra</p> <p>For centuries the coast has been known as Andhra's "holy land". It is a place of great beauty, where the sea meets the sky in a vast expanse of blue. But it is also a place of great danger, where the waves can be unpredictable and powerful. In January 2013, a stampede at the beach in Visakhapatnam, Andhra Pradesh, killed dozens of people. The cause of the stampede was a large amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |
|  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |
|  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |  <p>Holy Coast new year stampede kills dozens in Andhra</p> <p>The Holy Coast of Andhra Pradesh, India, has been a popular destination for tourists and pilgrims for centuries. However, in January 2013, a tragic accident occurred on the coast, resulting in the death of dozens of people. The accident was caused by a massive amount of mucus that had washed up on the shore. This mucus was believed to be the result of a natural phenomenon called a "mucus bloom".</p> |

How to read

News



RELATIONS

2014

BBC



12

twitter

11

2014/11/27

10

09

08

07

2014/07/06

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01/06

01/05

How to read

News

- ENTERTAINMENT
- SPORT
- CULTURAL
- RELIGIOUS
- ACCIDENT
- TERRORIST

Twitter

- OFFICIAL NEWS
- DISCUSSION
- SURVIVAL TIPS
- SELF NEWS
- HISTORIES



BARE NAKED ISLAM
www.bare-naked-islam.com
CHINA: 14 Muslims, including 6 children, killed in stampede on a mosque...a Human?

2015-1

How to read

News

- █ OFFICIAL NEWS
- █ DISCUSSION
- █ SELF NEWS
- █ SURVIVAL TIPS
- █ HISTORIES

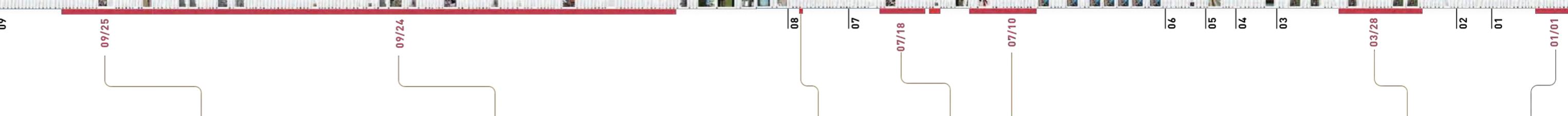
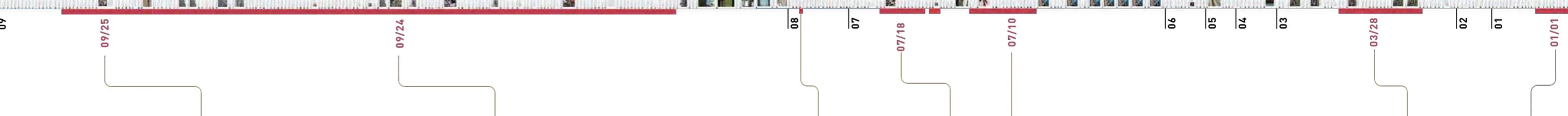
Twitter



BBC



Twitter



2015-2

Police warned about stampede at Macedonia border

Police in Greece have issued a warning to Macedonian authorities over reports of a stampede at the border between the two countries.

The warning came after a stampede at a migrant camp in Greece last week left 12 people dead and more than 50 injured.

Holiday Stampede at Kenyan University

The stampede occurred during a performance of a play at a university in Kenya, killing 12 people and injuring 20 others.

South Korea repeats warning to Haji management after stampede

The South Korean government has issued a warning to the management of the Hajj pilgrimage in Saudi Arabia, urging them to take steps to prevent another stampede.

Saudi Hajj stampede: Hosts death toll rises to 100

A further 100 people have died in the stampede at the annual Hajj pilgrimage in Saudi Arabia, bringing the total number of deaths to 100.

Hajj stampede: Rain victim's body exhumed

The body of a man who was killed in the stampede at the annual Hajj pilgrimage in Saudi Arabia has been exhumed for further examination.

Hajj stampede: The scene a week on, in tweets

A series of tweets from a user named "Hajj" shows the scene of the stampede a week later, with people still searching for survivors.

Hajj stampede: Search for missing relatives continues

Relatives of those who were killed in the stampede are continuing to search for their loved ones.

Hajj stampede: What we know so far

A summary of what is known about the stampede, including the number of deaths and the cause of the accident.

Hajj stampede: Van death toll rises to 464

The death toll from the stampede at the annual Hajj pilgrimage in Saudi Arabia has risen to 464.

10/25

Crowd crush: What happens in a human stampede

A video showing what happens in a human stampede, with a man being crushed by a crowd.

MERCURY

Score Q

news green politics business sport taste & enter

MARK Rauf Vargas was enjoying a rock concert at a Rhode Island club when the pyrotechnics set off by the band's tour manager set fire to insulation foam on the walls.

Mame Biram Diouf

16 / 12 / 1987 (Age 30)

10/09

Twitter

12
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How to read

News

- ENTERTAINMENT
- SPORT
- CULTURAL
- RELIGIOUS
- ACCIDENT
- TERRORIST

Twitter

- RELATIONSHIP
- OFFICIAL NEWS
- DISCUSSION
- SURVIVAL TIPS
- SELF NEWS
- HISTORIES

2016

BBC



12/30

twitter

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08/23

08/20

2016/08/17

How to read

News

- ENTERTAINMENT
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- CULTURAL
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Twitter

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- SELF NEWS
- HISTORIES

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2016/08/17

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2016/08/17

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06

05

04

03

2017



12

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09/29

09/15

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01

How to read

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- SELF NEWS
- HISTORIES

2018

06
05

04

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2017/03/24

02

01



How to read

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- SELF NEWS
- HISTORIES

BBC



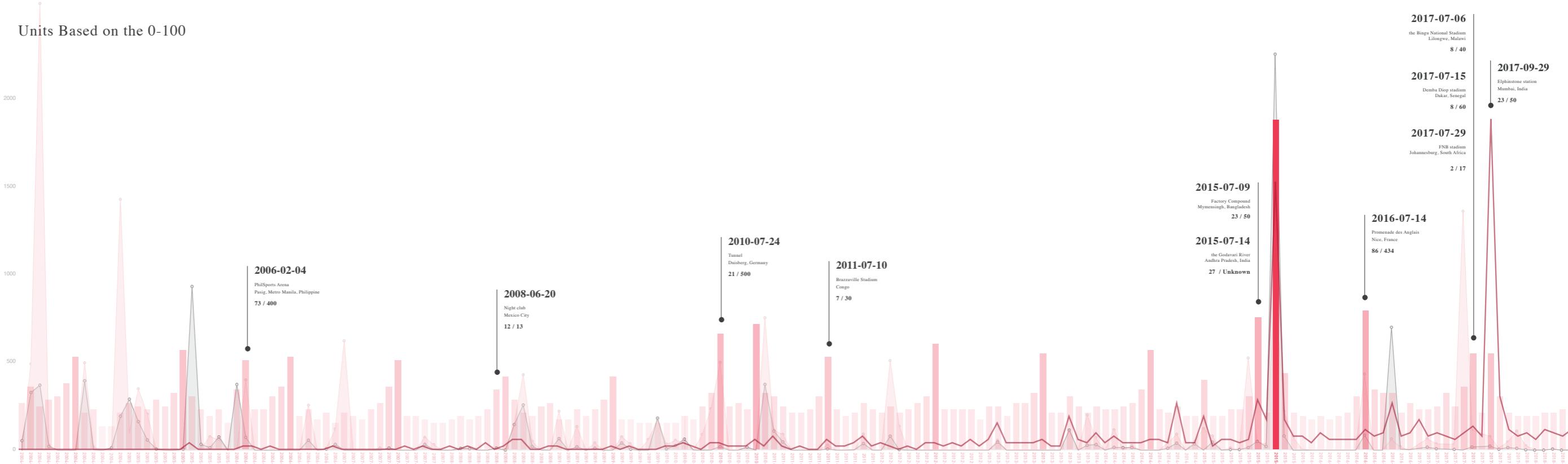
twitter

When we start to care about Stampede?

Only when there is a lot of death

Category: All categories
(1/1/04 - 24/6/18, Worldwide)

KEEP CLAM AND LIVING ON
Data Multi-experience of the Human Stampede

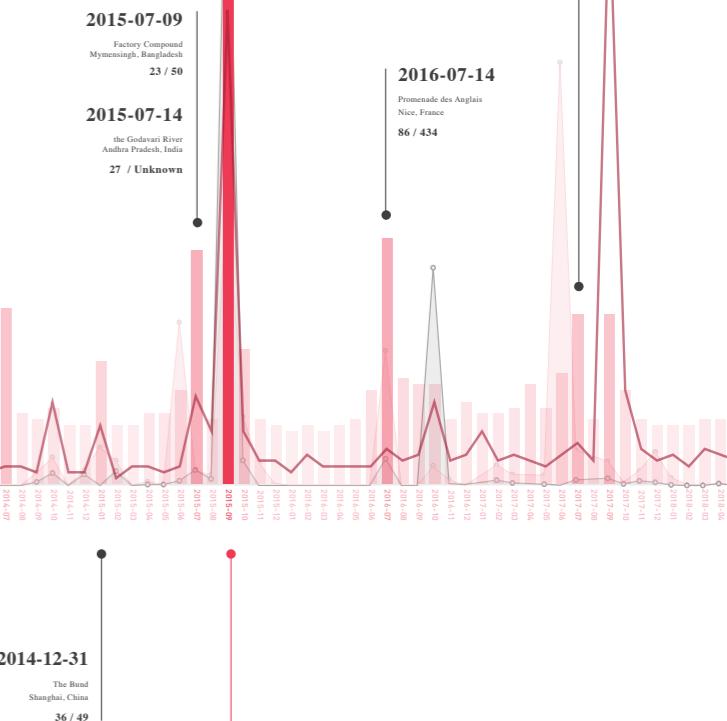


- █ Topic: Stampede
- ✓ Search Term: stampede meaning
- ✖ People Killed in Stampedes
- People Injured in Stampedes

Source:

- 1). <https://trends.google.com/trends/explore?date=all&q=%2Fm%2F02r9rk>
- 2) <https://trends.google.com/trends/explore?q=stampede%20meaning&date=all>
- 3). <http://www.gkstill.com/ExpertWitness/CrowdDisasters.html>
- 4). https://en.wikipedia.org/wiki/List_of_human_stampedes

2015-09-24
Jamarat
Mina Valley, Saudi Arabia
An overcrowding incident during the Hajj pilgrimage. Due to ongoing construction work at the main Masjid Al-Haraam.
killed / Injured
2262 / 934+





2.4

Preliminary Results

Based on the public attention to the different aspects of the human stampede and the official news reports.

From previous studies, we can see more and more human stampedes was documented. It may occur because of the increased overall population densities, but also the development of the social media. And there are more detailed discoveries:

- 1) 2015 is the turning point: the human stampede started to attract public concern.
- 2) More specific persons and detailed news can arouse people's empathy. The public started to pay attention to the tragedy histories about the human stampede
- 3) People started to retweet the news from official platforms rather than self-reports and discuss them but lots of them still have no idea why the stampede happened and how harmful it can be.
- 4) People mentioned stampede a lot during the Black Friday every year, but due to the terrible and hurting experience which related to the human stampede and other solutions (like Amazon), there is not much grieving news.
- 5) The public started to pay attention to the 'Survival Guide', but there are few articles about it, not to mention a special platform.

But we shouldn't just focus on the relation exists between injuries and deaths during human stampedes. but also the type of the human stampede events. Because there are many kinds of the reason behind these events.

Photo:

<https://www.pbs.org/newshour/world/hundreds-die-stampede-annual-hajj-pilgrimage>

03

HOW DID
THEY
HAPPEN

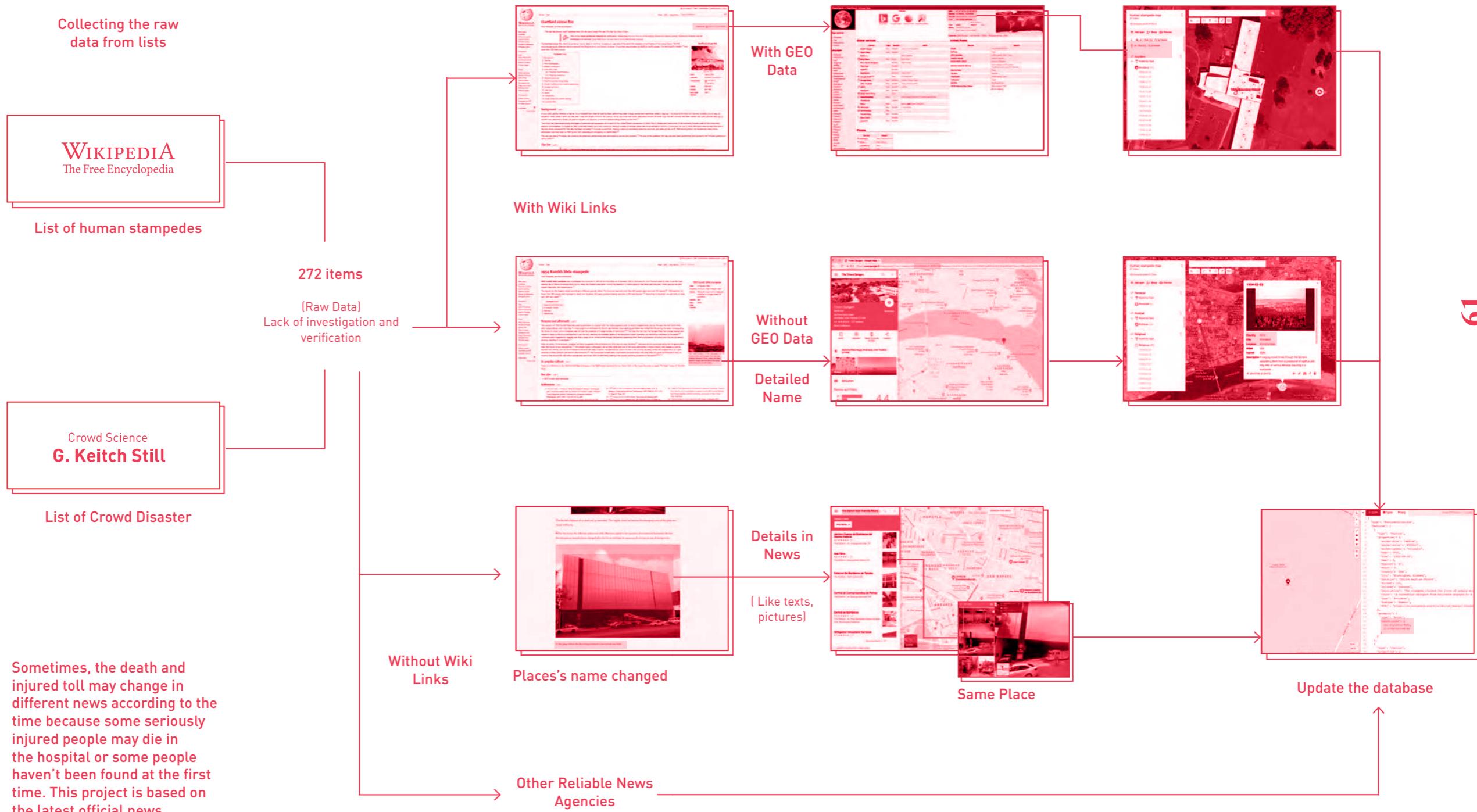


Processing the data

(Location, for example)

HOW DID THWY HAPPEN

KEEP CLAM AND LIVING ON
Data Multi-experience of the Human Stampede



Sometimes, the death and injured toll may change in different news according to the time because some seriously injured people may die in the hospital or some people haven't been found at the first time. This project is based on the latest official news.

Human Stampedes

classification / Causes

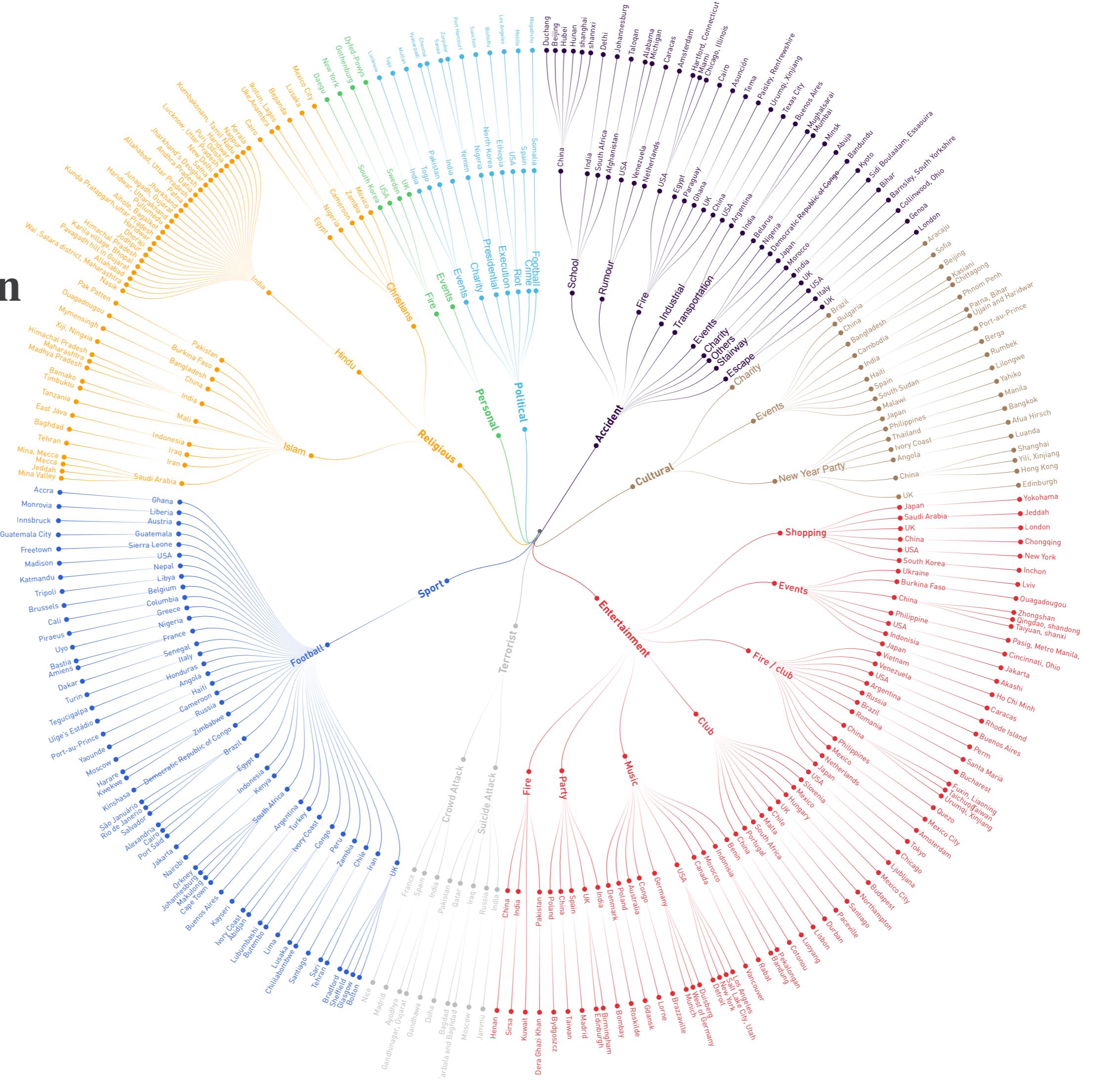
From 1902 to 2018

KEEP CALM AND LIVING ON
Data Multi-experience of the Human Stampede

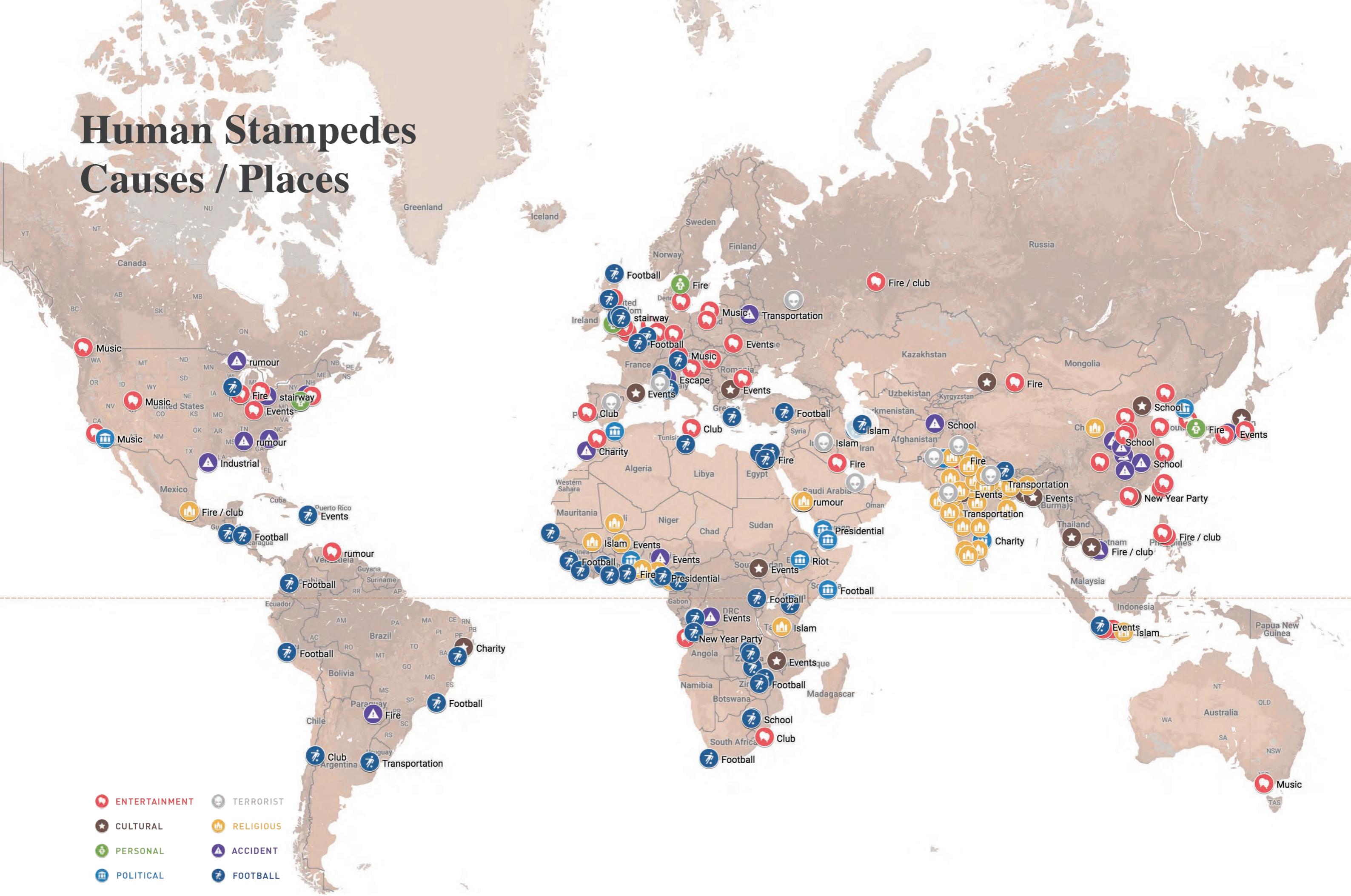
- POLITICAL
- SPORT
- PERSONAL
- RELIGIOUS
- ENTERTAINMENT
- CULTURAL
- ACCIDENT
- TERRORIST

Source:

- 1). <http://www.gkstill.com/ExpertWitness/CrowdDisasters.html>
- 2). https://en.wikipedia.org/wiki/List_of_human_stampedes



Human Stampedes Causes / Places



Human Stampedes Death

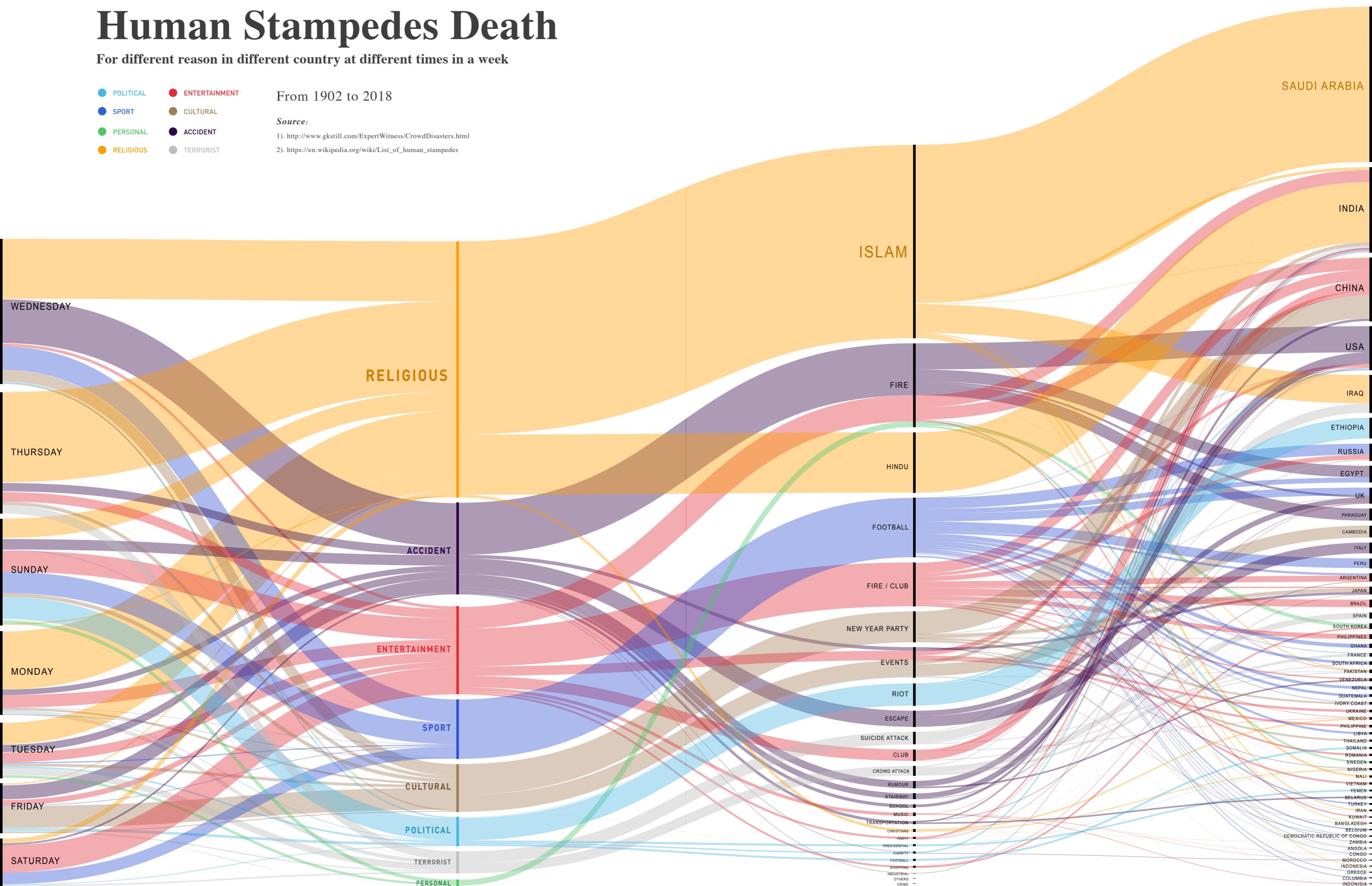
For different reason in different country at different times in a week



From 1902 to 2018

Source:

- 1). <http://www.gkstill.com/ExpertWitness/CrowdDisasters.html>
- 2). https://en.wikipedia.org/wiki/List_of_human_stampedes



3.1

-

The Reasons behind it

The stampedes are often related to the over emotional crowd.

The causes usually varied on different counturies

Crowd disasters occur everywhere for a variety of reasons. There are many causes of crowded stampede. The common situation is that the crowd is too excited by excitement, anger and so on. Stampede accidents occur easily in mass gathering places, like schools, stations, airports, squares, courts and other places; the time is common related to the political, sporting, and religious events.

There are different causes in different countries. In the developing world, they often occur at **religious** and **traditional events**. And in the developed world, **soccer games** and **concerts** are the most likely events to generate deadly crowds.

We can also see that the fire and the rumor can trigger the panic easily despite of which country it is, people become even more panic under this situation. What's more, club is also often appears in these disasters, because it contains various possible causes: small areas, high density of the over excited crowd, low luminance.

69

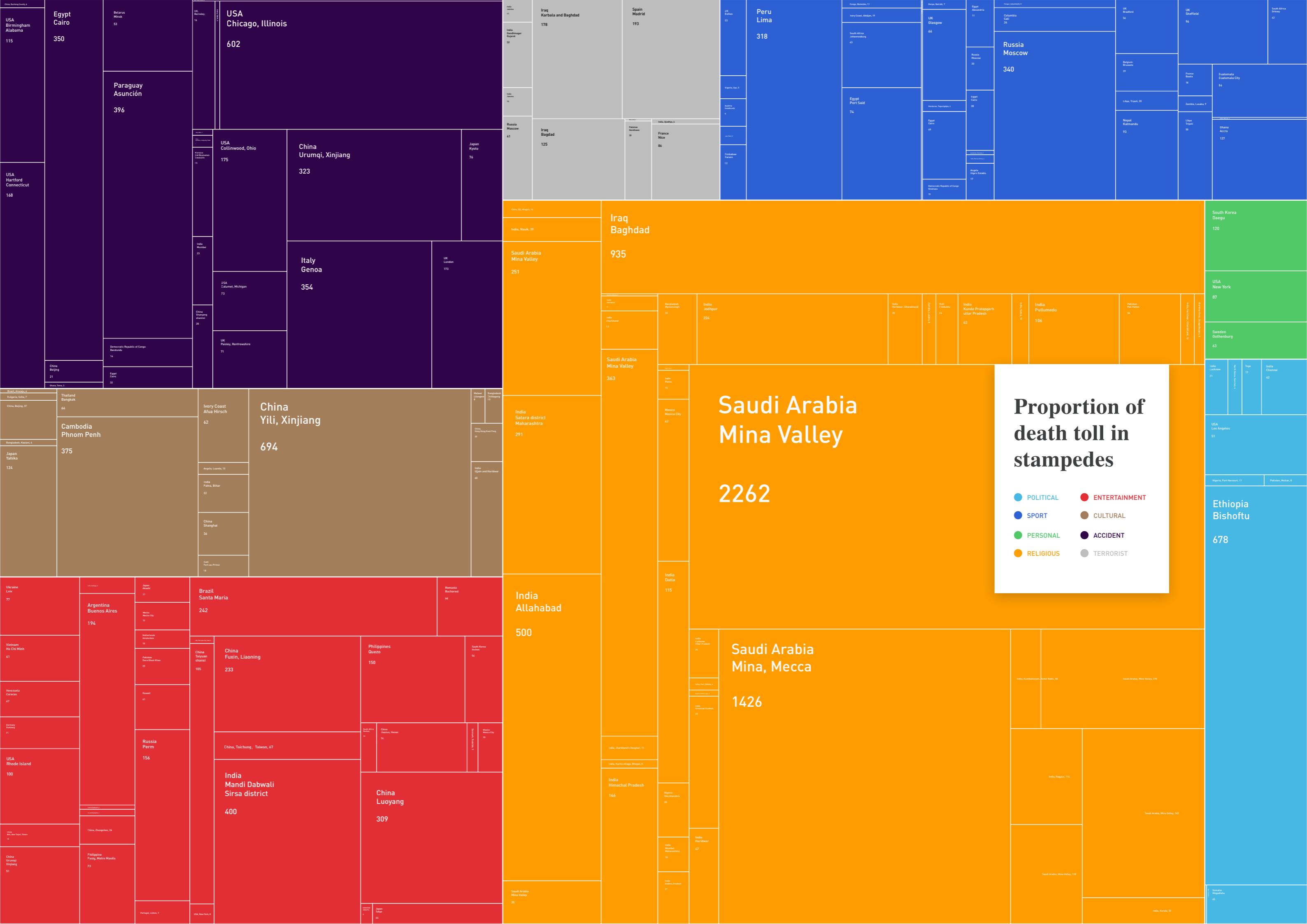


Source:

- 1). <http://www.gkstill.com/ExpertWitness/CrowdDisasters.html>
- 2). https://en.wikipedia.org/wiki/List_of_human_stampedes

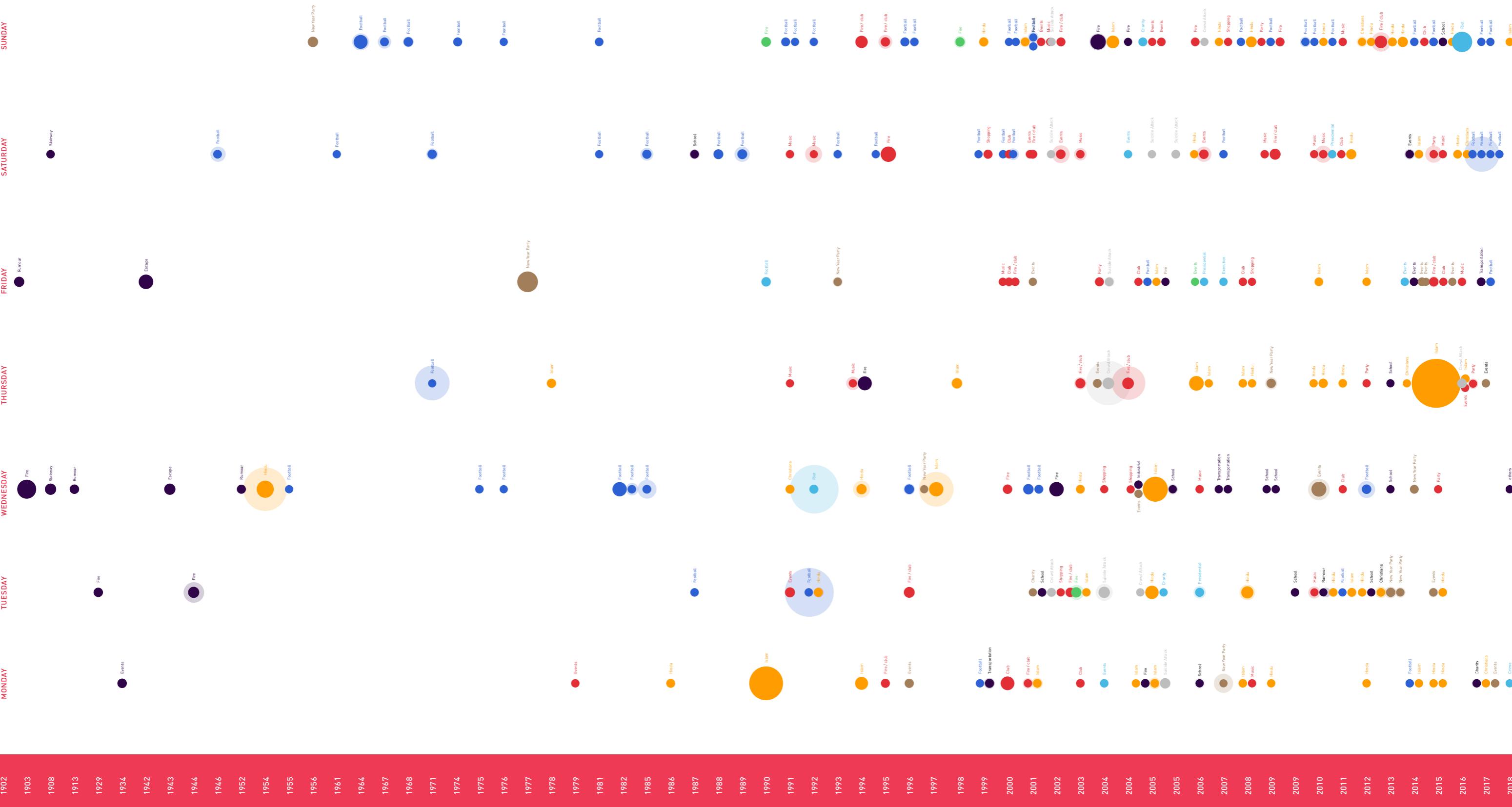
Photo:

<http://america.aljazeera.com/multimedia/photo-gallery/2015/7/photos-deaths-from-stampede-at-indian-religious-festival.html>



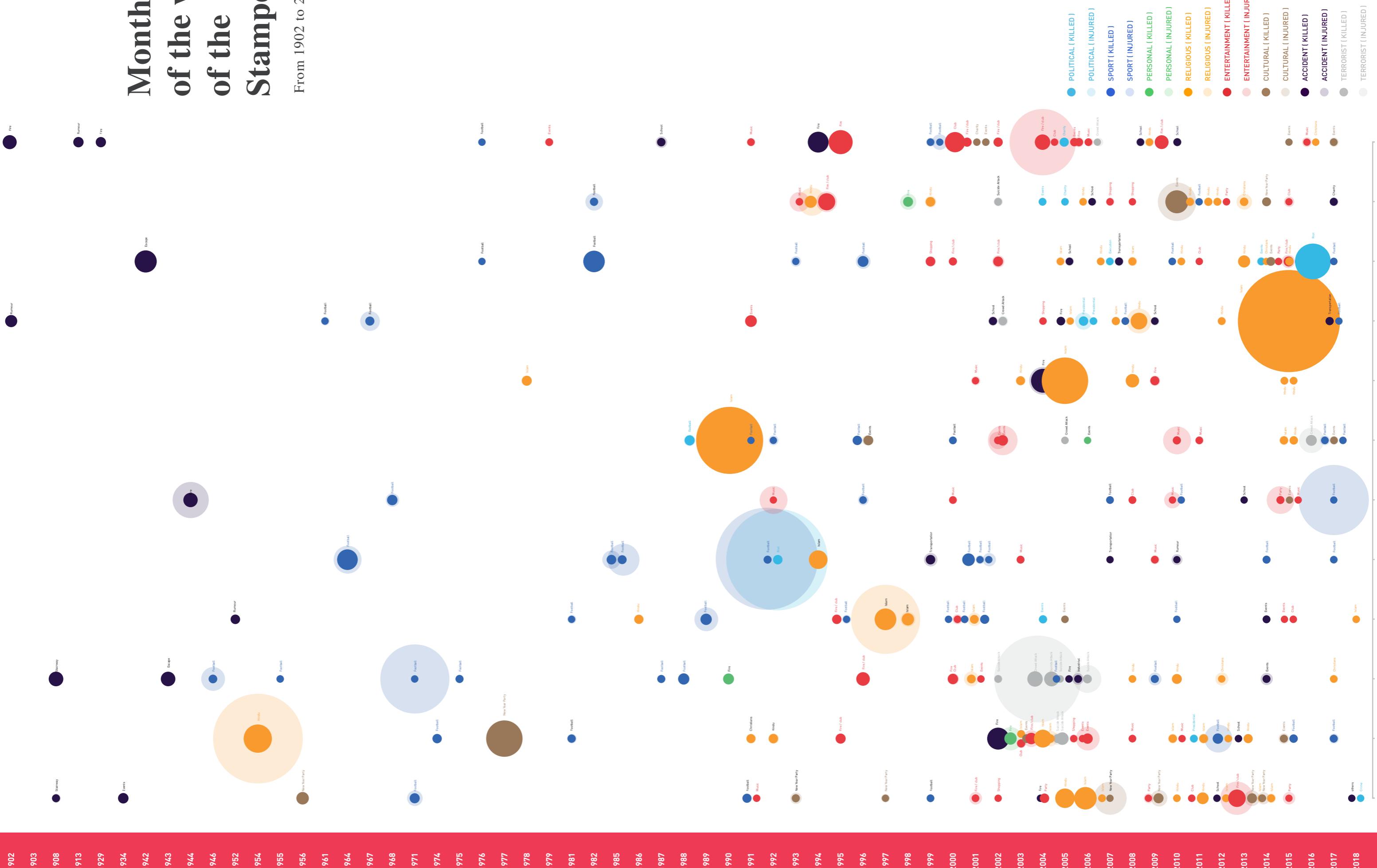
Day of the week of the Stampede

From 1902 to 2018



Month of the week of the Stampede

From 1902 to 2018



04

HOW TO
SURVIVE
FROM
STAMPEDES





4.1.1

Why 2014 Shanghai stampede

Public Management

The incident centered on a stairway leading up to a viewing platform overlooking the river at 23:35 in December 31, 2014. Some people were trying to climb to the platform while others were trying to go down, causing panic and confusion.

Although the stampede in the Bund, Shanghai, 2014 is a tragedy, but the tragedy did not continue to spread because of the spontaneous maintenance of order from some people. They can organize the panic public by some methods.

And compared to the number of the crowd, which is **about 310,000 people in the Bund between 23:00 to 24:00**, it's quite thanks to the people who still stay in calm to orgnize the order on their own in that situation.

From what, we can learn how to protect ourselves and others.

81

| | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20:00 | the number of people in the Bund has increased, and a large number of tourists have flocked to the the Bund platform. |
| 21:00 | According to the comprehensive monitoring, the number of the people in the the Bund is about 120,000 |
| 22:00 | the number of the people in the the Bund is about 160,000 |
| 23:00 | the number of the people in the the Bund is about 240,000 |
| 23:23 | The upper and lower stage of people constantly hedged in the middle of the ladder, which caused a surge. |
| 23:35 | the pressure caused a man fall out of balance at the bottom of the ladder, then many people to fall and stack, causing the stampede. Policemen's voice was too small to attract the notice. The situation began to run out of control. |
| 23:40 | several people standing on the wall began shouting to everyone "BACK! ". Then the crowd start to perceive the danger, and began to slow down, stop to move. 10 minutes later, they start to move back. |
| 23:55 | People who fallen down could stand up. The tragedy ended. |

source:

- 1). <http://news.163.com/15/0102/02/AEU04MJE00014AED.html>
- 2). https://en.wikipedia.org/wiki/List_of_human_stampedes

video:

http://news.ifeng.com/a/20150102/42848507_0.shtml From 01:05

4.1.2

Why Station Nightclub Fire

Self-protection



source:

- 1). Barylick J. Killer Show: The Station Nightclub Fire, America's Deadliest Rock Concert[J]. Historian, 2014, 76(1):108–109.

video:

<https://www.youtube.com/watch?v=ktEMLtBz55Y>

“Raul “Mike” Vargas, the GNC store manager, had been standing about three rows back from the stage when fire broke out. He was aware of the stage door, but saw that some people who first headed toward it were turning back. He heard someone yell, “This is for the band only.” So Vargas joined the human tidal wave rushing the front doors. When people fell in front of him, the force of the crush behind him caused him to fall, too, and he soon became wedged under several layers of bodies, lying on his side, in a fetal position, his head about a foot from the outside doors. Since he was curled on his side, the weight of those above him did not compress his chest, as it would have had he lain prone. Vargas lay on the red tile floor, hands to face, within a small triangular wedge of space just “within the doorway. He heard the screams of victims piled on top of him and thought of someone telling his wife and son that he had died. Fortunately, a small stream of fresh air seemed to flow past his face under the pile. A few times, when he felt liquid pouring over him, Vargas understood that death or terror had loosed the bladder of someone above him in the stack. Yet he remained calm. The only heat he felt was from the bodies wedged around him.

“If [I] freak out, I’m going to die,” thought Vargas. So he forced himself to remain still — long after all around him stopped moving and screaming; through the conflagration and the subsequent fire hose deluge. As the cold water from firefighters’ hoses ran down his face, Vargas rinsed his mouth and spat soot and cinders. With his hands, he was able to clear the water/ash mixture from his eyes. Then, he waited, conserving his energy. Vargas heard a fireman remark, “My God, they’re all dead.” When a boot first came near, he reached out for it. Freed of the bodies on top of him, Vargas sat up.

The persons beside him and on top of him were dead — burned so completely that he could not tell if they were male or female. Then, Vargas stood, descended the club’s concrete steps, and began walking to his car, with firefighters staring in disbelief. “Don’t look back,” Vargas thought. “If I look back, I’ll really be messed up.” Firemen insisted that he be placed on a gurney and transported by ambulance to a hospital. When they took his vital signs, EMTs noted the time — 12:35 a.m. — ninety minutes after the fire’s outbreak.”

Mike Vargas was discharged the following afternoon from Miriam Hospital in Providence with small burns on his left leg. Several days after the fire, he returned to The Station and gazed down at the red tile floor where he had lain. It was heat-blackened, except for the small patch of tiles that had been directly beneath him.”[1]

We can learn how to protect ourselves from above. And it is also a typical case of indoor space escape.

4.2

What should we do during a stampede?

Stay Calm & Follow the order



Source:

- 1) <https://www.artofmanliness.com/articles/survive-human-stampede/>
- 2) How Not To Get Trampled at the Inauguration: Don't go with the flow. By Amanda Ripley, Slate.com Monday, Jan. 19, 2009, Article acknowledges traffic engineer John J. Fruin and G. Keith Still of Crowd Dynamics Ltd.
- 3) *You and the Festival Crowd*, Paul Wertheimer
- 4) https://en.wikipedia.org/wiki/Human_microphone

Photo:

<https://www.newscientist.com/article/mg22930552-200-dont-shove-sheep-and-humans-show-pushing-slows-evacuation/>

Although many disasters should blame the poor crowd management. But people can be easily getting hysterical and start to push and run without mind. It can easily be deadly if people have no idea what to do when getting caught in a stampede. Have the basic knowledge about the stampede can reduce the sense of panic and the tactics of what to do next can help them to get survived.

1) Evaluate the surroundings, plan the evacuation routes in advance

Every time when you need to participate in the mass gathering activities, pay attention to your environment, find the exit sign and plan your escape routine before entering the crowded space.

2) Always being vigilant about the surroundings

When you start to feel uncomfortable in a crowd, it's time to start leaving.

3) Find the shelter to get rid of the stampede

If the only immediate danger is the stampede itself (rather than some other emergency, like a fire), try and reach some area of cover. At an indoor venue, this might be a side hallway or closet. Outside, look for trees, vehicles, or anything large that you can climb on/atop to protect yourself from the force of the crowd.[1]

4) Keep moving with the crowd (or Accordion Method)

If you can't take cover, keep moving. When you feel a shock wave, do not fight it, which makes you fall down quickly, let it carry you to conserve energy.

Keith Still of the Fire Safety Engineering Group, University of Greenwich, said "Be aware of your surroundings. Look ahead. Listen to the crowd noise. If you start finding yourself in a crowd surge, wait for the surge to come, go with it, and move sideways."[2]

Paul Wertheimer, one of the world's experts on crowd control, runs the consultancy Crowd Management Strategies, writes extensively on crowd dynamics on his www.crowdsafe.com website, and he developed a technique for working your way out of a crush, he calls it the accordion method. [3]

"After you're pushed forward, like in a wave there's a lull. In that lull is your chance to move, and the way you move is on a diagonal, between pockets of people. There's always space between people. A couple of steps sideways, another wave surge, then another couple of steps in the next lull. You work your way out that way till you get to the periphery."

But If you are knocked over, try to fall into a rigid fetal position with your arms over your face and chest which can increase the chance to survive.

3.1) Arms up to make enough space for the chest to breathe

Keep your hands or arms up by your chest to push out against the crushing pressure and to give yourself space to breathe.

3.2) Avoid choke points

Choke points are any space that restricts the flow of the stampede. Doorways, hallways, and bridges are all perfect examples. While those narrow spaces lead to exits, they also represent the most dangerous place to be in a stampede. If at all possible, avoid getting trapped near a choke point where the force of the stampede will inevitably increase exponentially as more and more people pack toward it.[1]

3.3) Look for hidden and non-obvious exits

Humans are creatures of habit. In most cases, people will rush for the same doorway or gate that they used to enter the venue.^[1] So use the non-obvious evacuation route with fewer people. Windows and fire exits are good things to look for if you're inside a building. If you're at an outdoor event, don't hesitate to scale fences or go over temporary barriers if it means you can escape the main flow of the stampede.^[1]

4) Communicate with others around you (or Human Microphone)

When the disaster happens, if there is the command which can organize the panic group on time, we should try to follow it and avoid push others without direction. But if it is an unexpected disaster, and no such equipment, like the electronic amplification devices, to let others know the unified command orders. We can use the human microphone instead, to "amplified sound". A human microphone, also known as the people's microphone, is a means for delivering a speech to a large group of people, wherein persons gathered around the speaker repeat what the speaker says, thus "amplifying" the voice of the speaker without the need for amplification equipment.^[4]

4.1) communicate with the people around (5 or 6 people around you) as soon as possible

Let other people realize the danger of stampede, too. They need to act quickly with you and use the human microphone method for self-rescue.

4.2) Shout " GO BACK" rhythmically and loudly.

At first, you can shout out "ONE, TWO", then shout with the people around you together (or "go back") rhythmically again and again to form a core to send the danger signal.

4.3) Let the more peripheral people join in this activity.

After a stable rhythm is formed in the core circle, try to make as many people as possible to join in the shouting, so that the signal can be transmitted to the peripheral parts.

4.4) Peripheral parts should evacuate quickly

If you are in the peripheral parts of the crowds, when you hear rhythmic shouts ("back") from the crowd, you should realize that it is the warning signal of a stampede. At that time, you must evacuate immediately and try to let the people around you to evacuate and try to discourage others from entering the crowd.

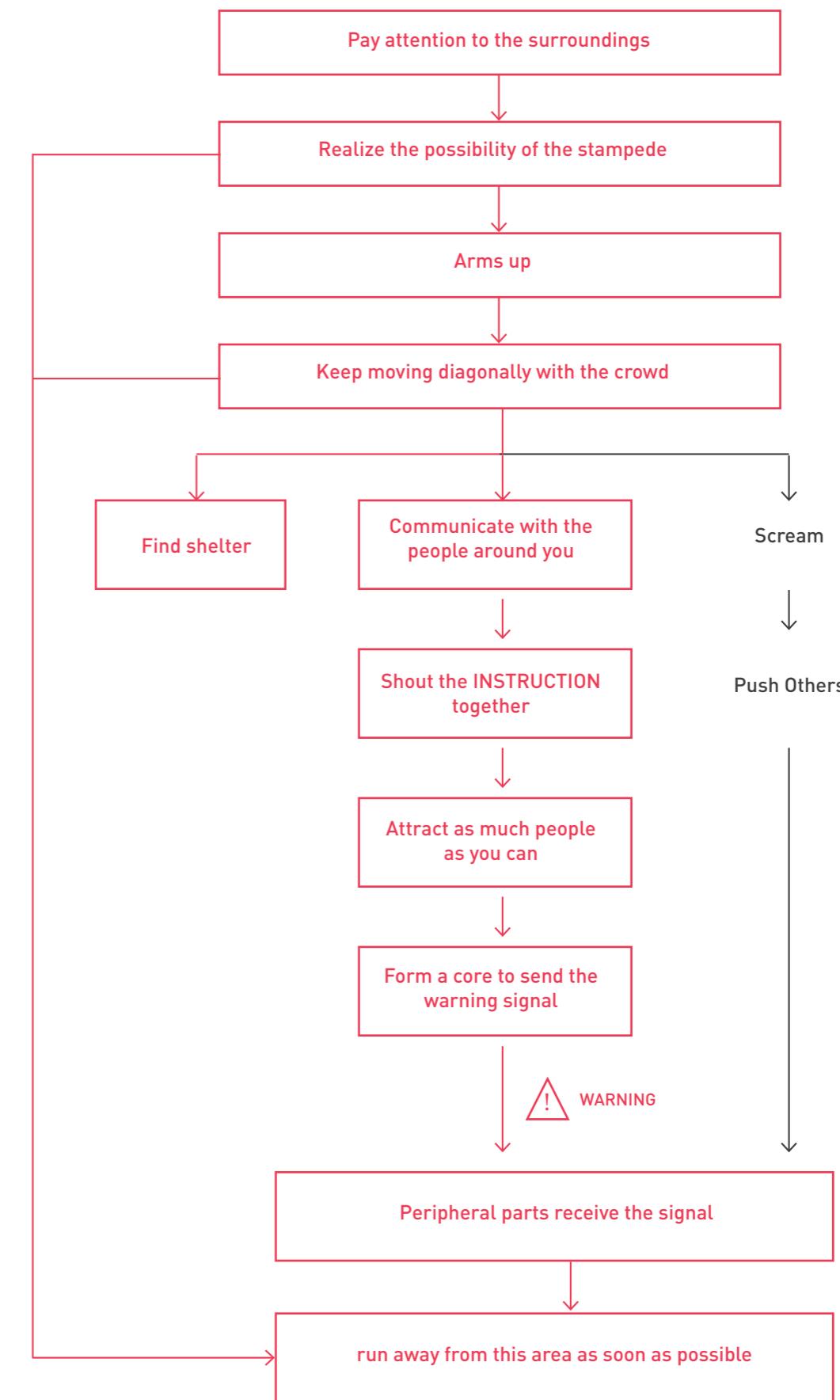
5) Never run back in the crowd to look for family members

If your relatives or kids left in the crowd, after hearing the cry of "back", do not rush to the crowd to seek them. You should realize that evacuation is the most reasonable way to save them. Rushing to seek relatives will slow down or interfere with the rescue activities, they will be in a more dangerous position.

6) Organizers' management

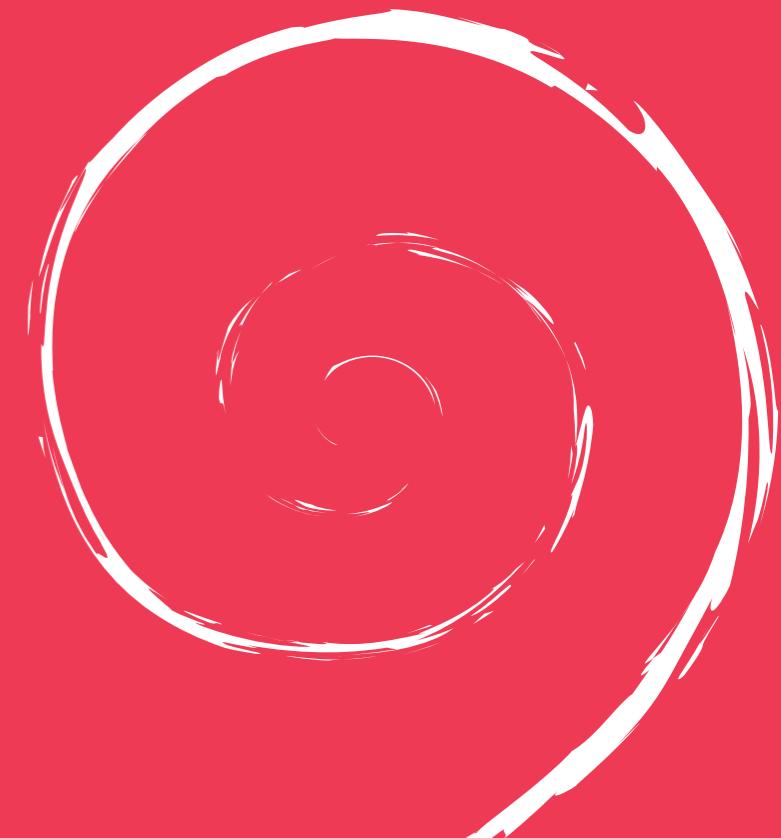
Barriers can be a solution in preventing or a key factor in causing a crush.

Feedback can be provided by police, organizers, or other observers, particularly raised observers, such as on platforms or horseback, who can survey the crowd and use loudspeakers to communicate and direct a crowd pressure and to give yourself space to breathe.



05

DATA MULTI-EXPERIENCE





5.1 the platform

Introduction

VAUXHALL

THE ENDEAVOUR SPONSOR

DATA MULTI- EXPERIENCE

KEEP CALM AND LIVING ON

Data Multi-experience about the Human Stampedes

Photo by Jaanus Jagomägi on Unsplash

The crowd rushed in panic and disorder, so people linked the escape behavior to panic, as also as the result of the result of casualties was panic. The Pan in mythology has no weapons and wouldn't kill others, which is the same as panic. People get panic because of the ignorance, they don't understand why the stampede can kill people, nor they have the tactics to save themselves.

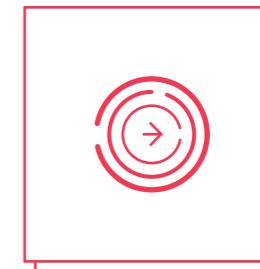
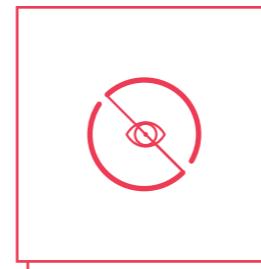
So the whole platform will be divided into two parts: the datasets of the stampede and the data multi-experience to simulate the event.

The first part will be the historical knowledge of the stampede in order to give the public a sense of its significant damages. Understanding how people died in the crowd is the goal.

When people are trapped in stampedes, they are at the back of a crowd, unable to tell what is happening up ahead, push forward, not realizing that they are injuring the people in the front. So the second part's data experience will focus on the audio parts to make people feel involved in the panic crowd. It can be a serious game or applied game.

You will hear the screams from the people which are based on the data of that event and then make the choice of what to do next, for example, choose to spread the right instructions instead of stay in silence or panic, and follow the crowd turbulence in the same time.

Considering that the public often begin to seek the cause of the tragedy and how to avoid it after the tragedy news, which also the reason why the news organization publish the articles which summarize the historical events and provide the survival tactics for the escape, so the user's attention will continue for a period of time. News organizations can take the opportunity to provide this platform for the public to eliminate their fear of the unknown things.



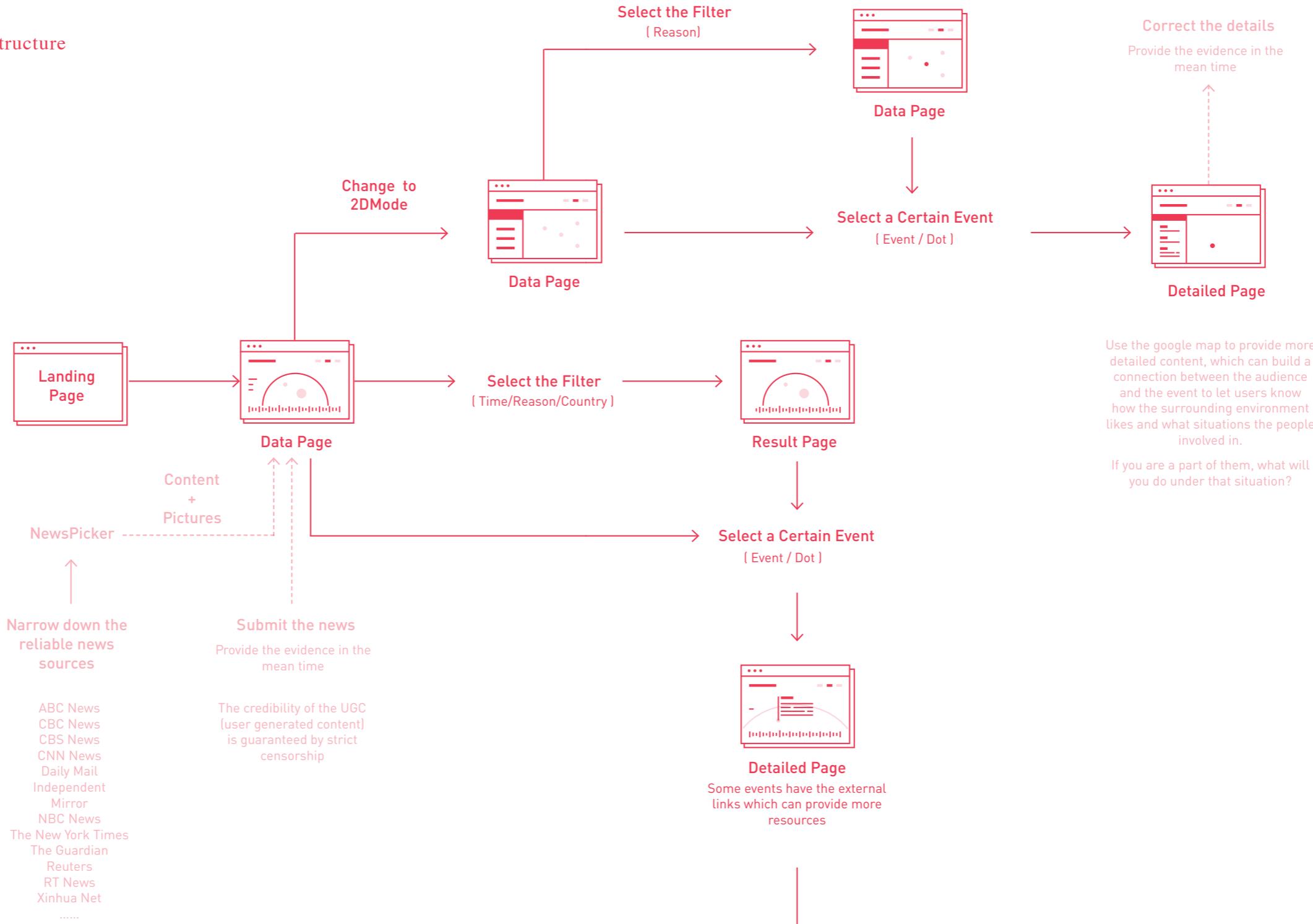
5.2.1

Task Flow

KEEP CALM AND LIVING ON
Data Multi-experience about the Human Stampedes

DATA MULTI- EXPERIENCE

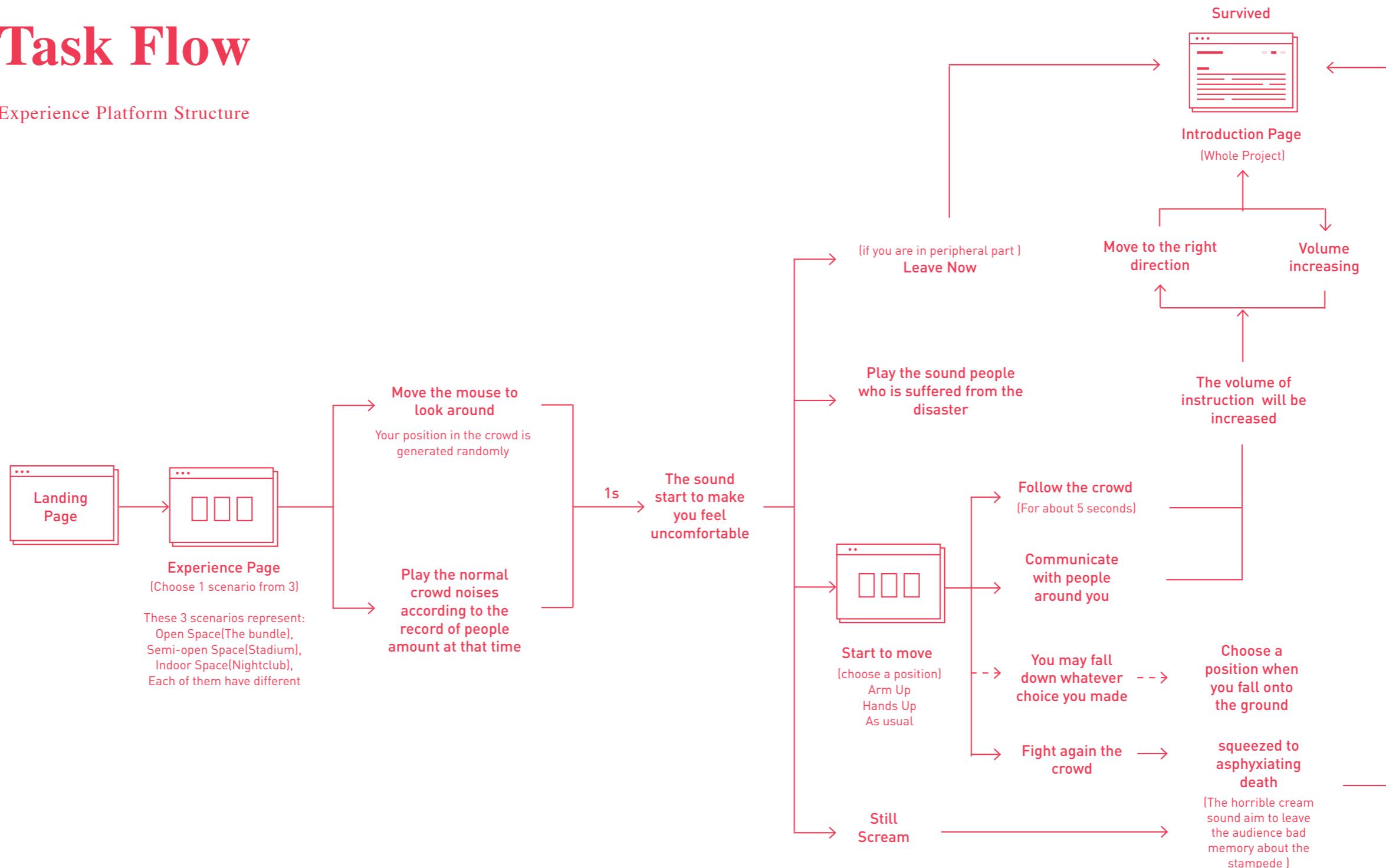
Data Platform Structure



5.2.2

Task Flow

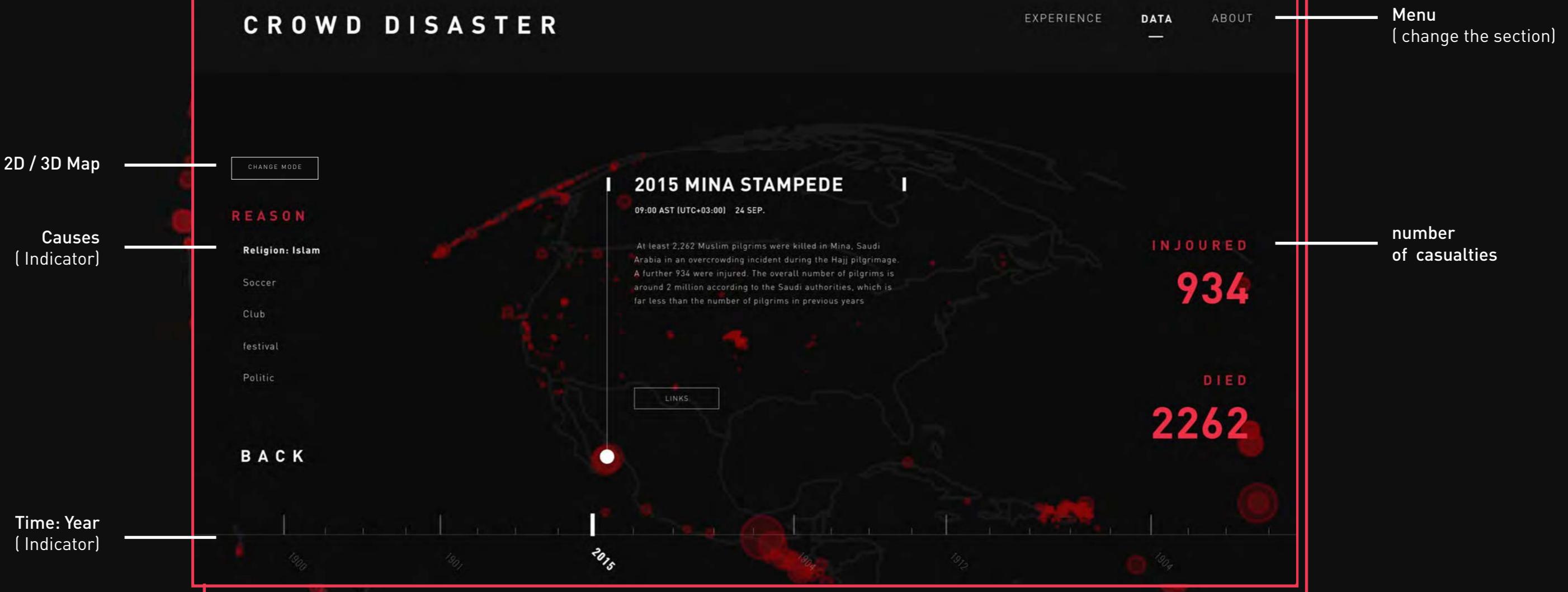
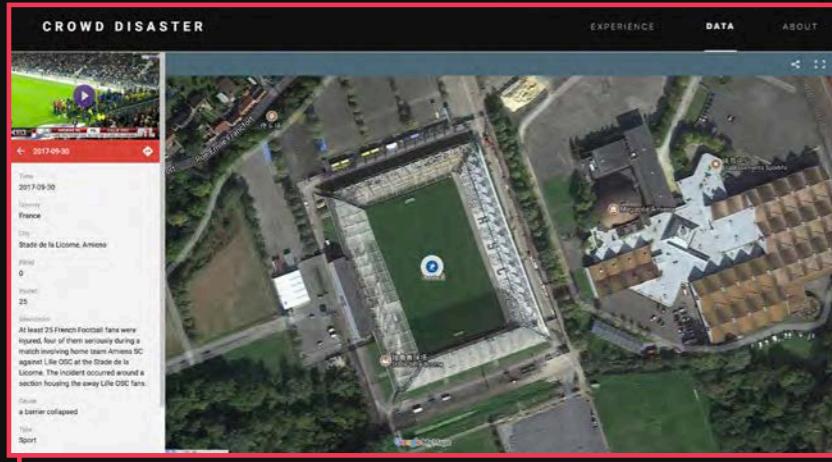
Experience Platform Structure



*These steps are translated from the formal solutions in the last chapter

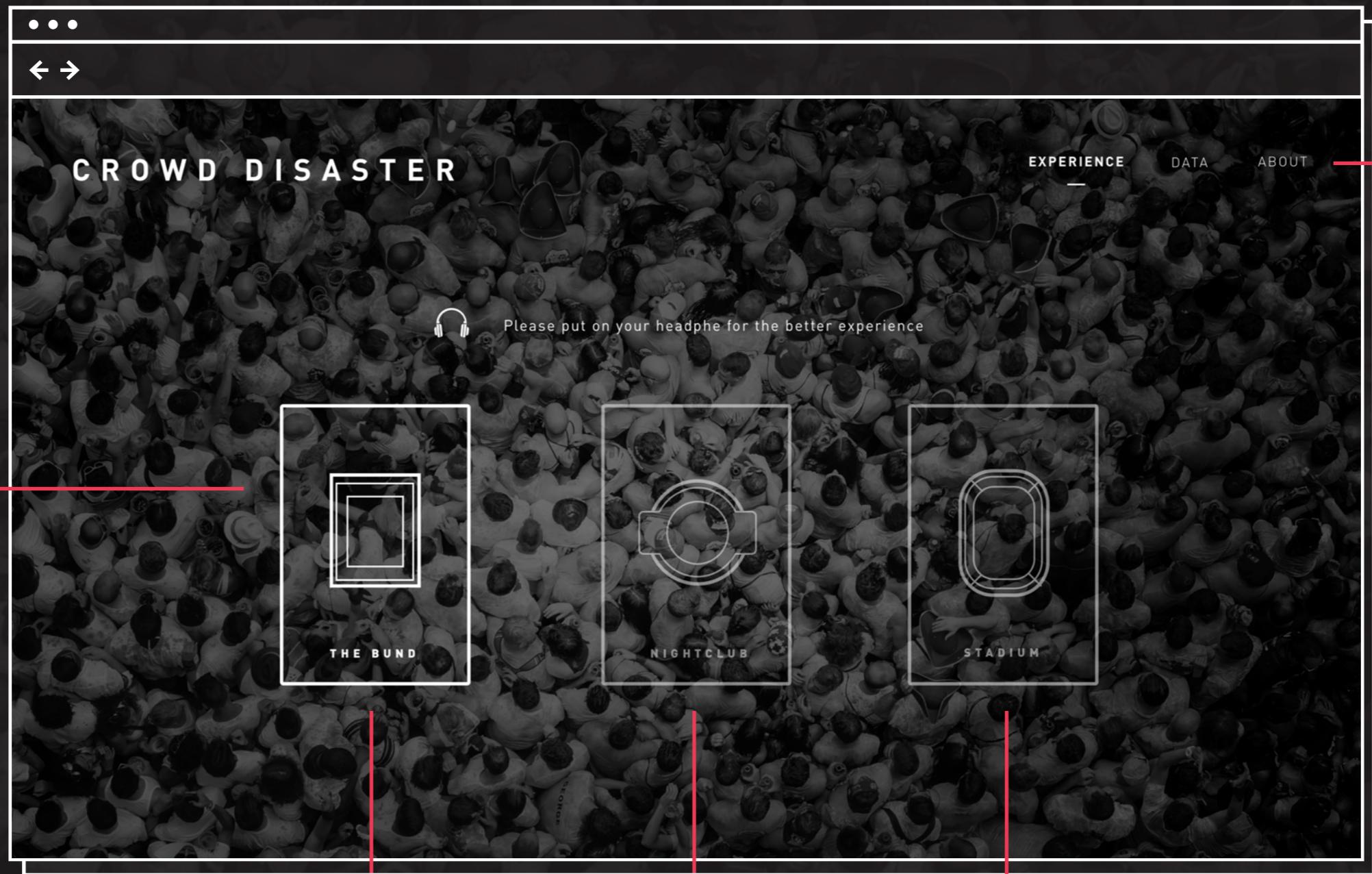
Main Data Page





Detailed Page

Multi-Experience Enter Page



Choose the
scene you
want to
experience

The choice of
the scene will
influence the
next steps

Open Space

Limited Signs / Few instructions
Complex landscape
More people
Different shelters
Walk more
Easy to run away from the crowd

Indoor Space

More Signs / Few exits
More alternative (non-obvious) exits
Few people
Different/More shelters
Always accompanied by other disasters/rumors
Hard to run away from the crowd

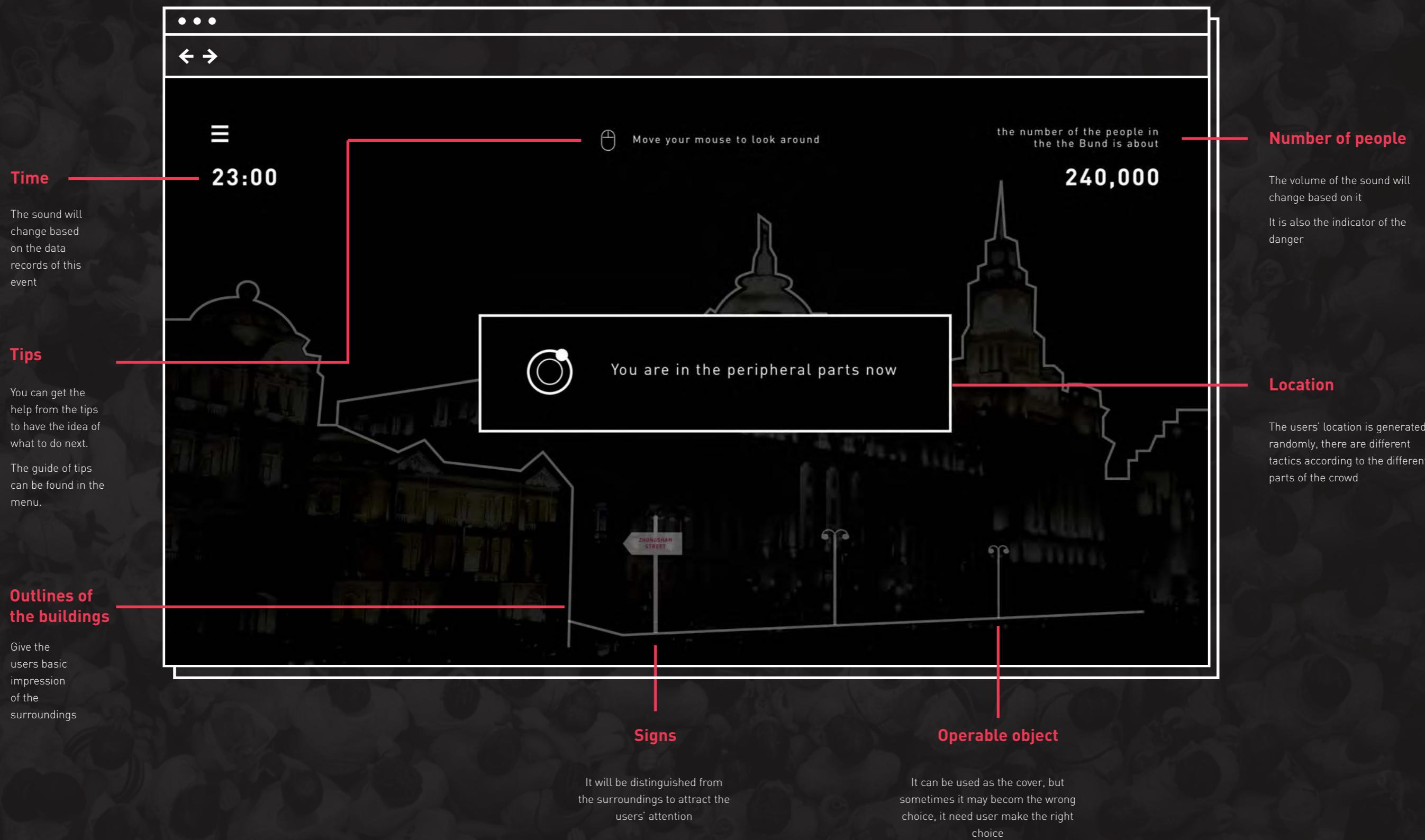
Semi-Open Space

Some signs / Limited exits
More choke points
Large amount of emotional people
Few shelters
More policemen
Hard to run away from the crowd

Once you enter
the program,
these menu will
be hidden to
avoid interfering
uses

Menu

Loading Page



Scenes' Page

Menu Click the menu to use more functions

23:32

Move your mouse to look around

the number of the people in the the Bund is about **244,000**

Allert Once it becomes red, the scream will occur and you need to move to somewhere

If you move in the wrong direction for a while, you will die

If you move in the right direction, there will be more instructions about the accordion method to make you move in a safe way.

SHARE

CHECK TIPS

DATA

ABOUT

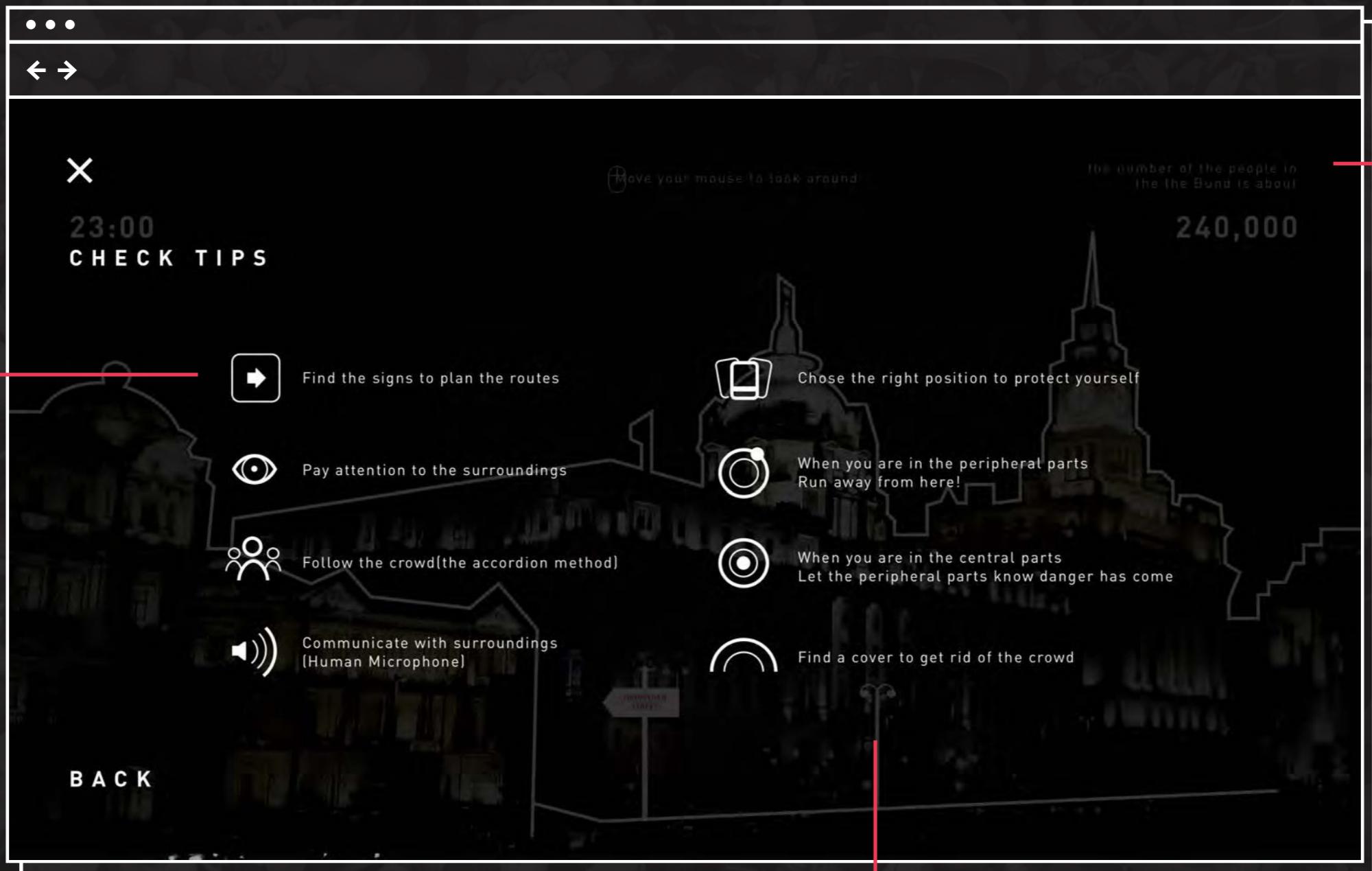
RESTART

ZHONGSHAN STREET

Listen to the sound carefully

Among the noise of the passengers and the scream, there will be the instruction in a low volume.
And you can also make an estimation of the crowd and the current situation by all the sound to decide what to do next.

Survival Guide Page



Survival Guide

Users can check all the detailed tips here, and it also can show up in the end of the experience.

06

CONCLUSION





Photo by Ethan Weil on Unsplash

Conclusion

In order to reduce the number of casualties in the stampede, the project finds the opportunities through the official and social media, which indicate that too few survival guide articles and little knowledge about stampede are the main problems. Provide a platform through the news websites and tell the public the history and the experience of the stampede can raise their attention and understand the importance of being calm and get survival tips.

The most difficult part of this project is making sure every item as correct as possible and collecting them through different media, especially the news in small countries in different languages. So taking advantage of crowdsourcing will be a better choice. And there are also some functions need to fulfill, like using a crawler to capture real-time news data to update the stampede database, tracking and classifying the tweets automatically, using other types of equipment to reinforce the experience and so on.

The further research may focus on how to prevent such tragedies, for example, make an early warning system using the visitors' flowrate data in Google map or put some sensors in the dangerous area.

Knowledge is the power which can beat the panic. If people know how to deal with it, there will be more lives being saved.

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Photo: <http://abc7chicago.com/las-vegas-shooting-gun-stocks-up-casino-stocks-fall-after-route-91-mass-murder/2478997/>



08

APPENDIX



List of Human Stampedes

From 1902 to 2018 (Ranged by the time)

Killed / injured

1902-09-19

Shiloh Baptist Church
Birmingham, Alabama, USA

The stampede claimed the lives of people attending a convention featuring Booker T. Washington, following a false fire alarm.

115 / Unknown

1903-12-30

Iroquois Theatre
Chicago, Illinois, USA

The Iroquois Theatre fire happened on December 30, 1903, in Chicago, Illinois. It was the deadliest theater fire and the deadliest single-building fire in United States history. At least 602 people died as a result of the fire, but not all the deaths were reported, as some of the bodies were removed from the scene.

602 / 250

1908-01-11

Barnsley Public Hall
Barnsley, South Yorkshire, UK

The Barnsley Public Hall stampede took place on Saturday 11 January 1908 in a public hall in Barnsley, West Riding of Yorkshire, England. It resulted in the deaths of sixteen children. At least 40 others were seriously injured. A number of children were entering the hall to see a show when a staircase became overcrowded, and there was a stampede as they tried to get inside. The survivors were taken to Beckett Hospital.

16 / 40



Photo: <https://www.cemeteries.org.uk/cemeteries/barnsley>

1908-03-04

Lake View School
Collinwood, Ohio, USA

During the Collinwood school fire (also known as the Lakeview School fire), most of the children were killed in a stairwell when some were trying to escape down the stairs while others, who had found escape impossible that way, were trying to flee up the stairs.

175 / Unknown

1913-12-24

Italian Hall, aka Società Mutua Beneficenza Italiana of Calumet
Calumet, Michigan, USA

During the Italian Hall Disaster (sometimes referred to as the 1913 Massacre), 73 men, women, and children, mostly striking mine workers and their families, were crushed to death in a stampede when someone falsely shouted "fire" at a crowded Christmas party.

73 / Unknown



Photo: https://www.lawcha.org/wp-content/uploads/Calumet-Bodies_of_Victims_2.jpg

1929-12-31

Glen Cinema
Paisley, Renfrewshire, UK

Caused by a smoking film canister in a cinema in Paisley, Scotland. Nitrocellulose film, as used at this time, can burn on its own without needing any supply of air. About one thousand children panic set in. Children ran downstairs so fast and in such numbers that they piled up behind the escape door which led to Dyers Wynd.

115 / Unknown

1934-01-08

Kyoto Railroad Station
Kyoto, Japan

A crowd of about 10,000 saying farewell to 750 recruits of the Imperial Japanese Navy collapsed at the bottom of a stairway from a viaduct leading over the tracks down to the platform. The number far exceeded the station's capacity.

76 / Unknown

1942-10-23

Galleria delle Grazie
Genoa, Italy

People were killed by stampede during an attack by the RAF Bomber Command in WWII as they made their way into Galleria delle Grazie, a railway tunnel in use as an air-raid shelter. Rushing down the 150 steps leading underground into the shelter.

354 / Unknown

1943-03-03

Bethnal Green tube station
London, UK

The air-raid Civil Defence siren sounded at 8:17 pm, triggering a heavy but orderly flow of people down the blacked-out staircase from the street. A middle-aged woman and a child fell over, three steps up from the base and others fell around her, tangled in an

immovable mass which grew, most of victims were women and children, were crushed and asphyxiated.

173 / 60

1944-06-06

Hartford circus
Hartford, Connecticut, USA

A fire broke out at a performance of the Ringling Brothers and Barnum & Bailey Circus. A small number of people were found alive at the bottoms of these piles, protected by the bodies on top of them when the burning big top ultimately fell down.

168 / 700

1946-03-09

Burnden Park Football stadium
Bolton, UK

It was estimated that the crowd was in excess of 85,000 people. The disaster happened at the Railway End of the ground where, in common with many other post-war grounds, facilities were rudimentary. The bank was crude and it is the overcrowding of banking terraces caused the stampede.

33 / 400



Photo: <https://www.footballwhispers.com/blog/tragedy-on-the-touchline-the-burnden-park-disaster>

1952-04-09

Santa Teresa church
Caracas, Venezuela

Police chief Aníbal Rojas said that the stampede started when an elderly devotee brushed against the veil which was holding candles in head, making a small fire, the small flare made someone believe that a fire spread and give the alarm.

53 / unknown

1954-02-03

Kumbha Mela
Allahabad, India

What triggered the tragedy was that a surge of the crowd broke through the barriers separating them

from a procession of sadhus and holy men of various akharas, resulting in a stampede.

500 / 2000



Photo:<http://activeindiatv.com/entertainment/42089-varanasi-stampede-a-reminder-of-allahabad-tragedy-of-1954-but-city-became-wiser-a-no-mishap-since-then>

1955-03-30

Stadium
Santiago, Chile

70,000 people tried to jam into the stadium for the finals of the South American soccer tournament.

6 / Unknown

1956-01-01

Yahiko Shinto
Yahiko, Japan

New Year panic and stampede at the Yahiko Shinto shrine in central Niigata.

124 / Unknown

1961-09-16

Ibrox
Glasgow, UK

Wooden Barrier on Stairway 13 (Similar accidents occurred on that same stairway in 1967, 1969 and 1971).

2 / 35

1964-05-24

National Stadium
Lima, Peru

During the Olympic qualifying match. A handful of people rushed onto the pitch, the police fired tear gas directly into the stands.

318 / 500

1967-09-17

Atatürk Stadium
Kayseri, Turkey

Kayseri Atatürk Stadium disaster happened during the Football match between the clubs of Kayserispor and Sivasspor at the Atatürk Stadium. The violence started following provocation of the Kayserispor fans in the half time, whose team went to leading by a goal scored in the first half. The fleeing crowd caused a stampede in front of the stand exits.

43 / 300



Photo:http://www.saladelamemoriaheysel.it/PAGINE%20DELLA%20MEMORIA/Kayseri_17_09_1967.html

1968-06-23

Stadium
Buenos Aires, Argentina

People are killed when fans trying to leave the stadium mistakenly head towards a closed exit and are crushed against the doors by other fans unaware of the closed passageway.

74 / 150

1971-01-02

Ibrox Stadium
Glasgow, UK

People were killed when the collapse of stairway barriers occurred after someone fell as fans were leaving the stadium, leading to a crush. The tragedy included many children who died. The incident occurs when fans leaving the stadium are met by a group trying to return after hearing that Rangers had scored an equalizer.

66 / 200



Photo:<https://alchetron.com/1971-Ibrox-disaster>

1971-03-04

Stadium
Salvador, Brazil

A fight and a wild rush broke out in the grandstands.

4 / 1500

1974-02-17

Zamalek Stadium
Cairo, Egypt

The Zamalek disaster occurred when fans were crushed before a Football friendly match between Zamalek SC of Egypt and Dukla Prague of Czechoslovakia. According to reports, up to 80,000 people tried to access the stadium, despite the capacity at the time being just 40,000. Following a change of venue for the match, many supporters thought they would not be able to enter the newly chosen stadium. There was a stampede, the walls crumbled, and many people were left dead.

49 / 50+

1975-03-12

Sokolniki stadium
Moscow, Russia

USSR Moskow Sokolniki stadium, after a soccer game between a Canadian and a USSR youth team. People were crushed to death in a dark stairway.

20 / Unknown

1942-10-23

Stadium
Yaounde, Cameroon

The World Cup qualifying match vs. the Congo, the Congolese goalie attacked the Gambian referee. A fight broke out and 2 bystanders died.

2 / Unknown

1976-12-06

Stadium
Port-au-Prince, Haiti

At a World Cup qualifier between Haiti and Cuba. The visitors scored and a Haitian fan set off a firecracker. Fans thought it was gunfire and panicked, knocking down a soldier, whose gun went off and killed a small boy and girl in the crowd.

4 / Unknown

1977-02-18

Cinema
Yili, Xinjiang, China

It occurred at the lunar new year, when 694 perished in a cinema blaze. Elementary school student Zhao Guanghui lit the fire in the auditorium.

694 / 161

1978-08-03

Naina Devi temple
Himachal Pradesh, Himachal Pradesh

The crush of pilgrims.

65 / Unknown

1979-12-03

Riverfront Coliseum
Cincinnati, Ohio, USA

The disaster occurred on when British rock band the Who performed. People died because they were unable to escape the crowd pushing toward them and died by asphyxiation at the entry door outside the entry doors.

53 / unknown



Photo:<https://libapps.libraries.uc.edu/liblog/2012/11/remembering-the-who-tragedy/>

1981-02-08

Stadium
Piraeus, Greece

A stampede as fans rush to leave ground.

24 / 54



Photo:<http://www.sport24.gr/football/oi-pio-aimathres-tragwdes-stadosfariika-ghpeda.1601808.html>

1981-04-11

Hillsborough Stadium
Sheffield,

The crush occurred at the Leppings Lane end of the ground during the 1981 semi-final between Tottenham Hotspur and Wolverhampton Wanderers after hundreds more spectators were permitted to enter the terrace than could safely be accommodated.

0 / 38

1982-10-20

Luzhniki Stadium
Moscow, Russia

Police are blamed for pushing fans down a narrow, icy staircase before the end of the European Cup match between Soviet club Spartak Moscow and Haarlem of the Netherlands.

340 / Unknown



Photo:<http://puteshuli.ru/post/tragicheskie-sluchai-o-kotoryh-zabili-napisat/>

1982-11-17

Stadium
Cali, Columbia

A group of rowdy young fans in the upper level of the stadium began throwing trash and spraying urine over thousands of people heading for the exits. People trying to escape the shower of debris, stampeded towards the stadium's exits, which blocked as people crowded around them, and caused this tragedy.

24 / 250

1985-05-11

The Bradford City stadium
Bradford, UK

Cigarette stub ignites a stadium's wooden stand section and fire engulfs the structure in the English League Third Division fixture between Bradford City and Lincoln City.

56 / 265



Photo:<https://www.express.co.uk/news/uk/576168/Bradford-City-fire-Sir-Oliver-Popplewell-Martin-Fletcher>

1985-05-29

Heysel Stadium
Brussels, Belgium

Fans fleeing a hailstorm stampede into locked stadium exits.

93 / 100

Riots break out and a wall separating rival fans of England's Liverpool and Italy's Juventus of Turin collapsed.

39 / 600



Photo:<https://www.newsbeast.gr/sports/arthro/177188/h-pio-skotzini-imera-tou-podosfairou>

1986-04-14

Pant Dweep
Haridwar, India

For 2 hours, around 20,000 pilgrims had been waiting in a police cordon, to cross a bridge near Pant Dweep island to go to Har Ki Pauri. The stampede began when a person slipped near the Pant Dweep.

47 / Unknown

1987-03-10

Stadium
Tripoli, Libya

People are killed when panic-stricken fans flee knife-wielding ruffians and trigger the collapse of a wall.

20 / 16+

1987-12-26

Chengguan Primary School
Shanyang, shannxi, China

At around 7 a.m., children rushed out of their classrooms after a bell called all pupils to attend a weekly school assembly on the sports field. One metal door at one end of the building was locked, causing the children from all 18 classes to rush down an unlit stairwell to the only other exit, and some in the front fell over.

28 / 100

1988-03-12

Dasarath Rangasala Stadium
Katmandu, Nepal

Fans fleeing a hailstorm stampede into locked stadium exits.

1426 / Unknown

1989-04-15

Hillsborough,
Sheffield, UK

At an English FA Cup semi-final game between Liverpool and Nottingham Forest, when police open gates to alleviate crowding outside the stadium.

96 / 400



Photo:<https://www.independent.co.uk/sport/football/news-and-comment/hillsborough-disaster-crown-prosecution-service-norman-bettison-duckenfield-a781311.html>

1990-03-25

Happy Land Social Club
New York, USA

The Happy Land fire was an act of arson that killed 87 people trapped in the unlicensed Happy Land social club at 1959 Southern Boulevard in the West Farms section of the Bronx. Unemployed Cuban refugee Julio González spread the fuel at the base of a staircase, the only access into the club, and then ignited the gasoline.

87 / 6

1990-07-02

Al-Mu'ayyam Tunnel
Mina, Mecca, Saudi Arabia

A blockage at a pedestrian tunnel exits 'Al-Ma'aisim tunnel' leading out from Mecca towards Mina, Saudi Arabia and the Plains of Arafat led to deaths by suffocation of many religious pilgrims while they were traveling to perform the Stoning of the Devil. Saudi officials concluded that crowd hysteria occurring from the falling pilgrims was the cause. 80 percent of the deaths occurred outside the tunnel, and 20 percent (about 285) were inside. The disaster started when a pedestrian bridge railing was bent, causing 7 people to fall off a bridge and onto people exiting the tunnel. The tunnel's capacity of 1,000 soon filled with up to 5,000 people. With outside temperatures of 44 °C / 112 °F, a failure of the tunnel's ventilation system was also blamed for many of the deaths. Some witnesses claimed they believed a demonstration was occurring, others reported that the power to the tunnel was cut.

1426 / Unknown

1990-07-06

Qoobdooro stadium
Mogadishu, Somalia

At least 65 people were killed when security forces opened fire on the crowd at a soccer match in Somalia. Security forces opened fire after "some provocateurs" began throwing rocks at President Mohammed Siad Barre. They first fired into the air, then on the crowd as people continued to throw rocks at officers.

65 / 100

1991-01-13

Oppenheimer Stadium
Orkney, South Africa

The stadium had a capacity of 23,000, but about 30,000 fans were admitted and were not separated according to the team they supported. Pirates fans threw cans and fruit at Chiefs fans, and allegedly some knife-wielding Pirates fans attacked Chiefs fans. In the stampede, panicking fans trying to escape the brawls were trampled or crushed to death against riot-control fences.

42 / 50



Photo:<http://baddogneedsrottenhome.com/page.html?image=4109>

1991-01-24

Salt Palace (arena)
Salt Lake City, Utah, USA

At an AC/DC Concert attended by 13,294 fans in an arena, with 4,400 of those had "festival style seating," the crowd surged toward the stage as the band played "Thunderstruck." 2 14 year old boys and a 19-year-old woman were crushed to death.

3 / Unknown

1991-02-06

Chalma sanctuary
Mexico City, Mexico

People are overwhelmed by a crowd trying to enter the atrium of the sanctuary church to receive the divine signal from the ashes.

43 / 55

1991-07-14

Moi International Sports Centre
Nairobi, Kenya

During an African Nations Cup qualifier between Kenya and Mozambique.

1 / 24

1991-09-24

Yingze Park
Taiyuan, Shanxi, China

In a major festival in Taiyuan, China, large crowds of unknown size arrived in Yingze Park to see lanterns at a light festival. Crowds moving in opposite directions were crossing a poorly lit bridge. Some fell into the water and were drowned. Crowds moving in opposite directions were crossing, then someone was stumbled over the bridge and blocked the flow of people.

105 / 108



[Photo:https://m.tanling.com/archives/2248.html](https://m.tanling.com/archives/2248.html)

1991-12-28

City College campus
New York, USA

People tried to enter an overcrowded gymnasium while funneling through a small stairwell area of a City College gymnasium Saturday night at a charity basketball game featuring celebrity rap stars.

8 / 29

1992-02-18

Mahamaham tank
Kumbakonam, Tamil Nadu, India

Mahamaham Stampede was a disaster that occurred during the Mahamaham festival around the town of Kumbakonam in the South Indian state of Tamil Nadu. The festival was attended by the then Chief Minister of Tamil Nadu, Jayalalitha, who had a holy dip in the tank. Tens of thousands of pilgrims thronged the event and in the heat of the situation. People were crushed to death when a building collapsed.

50 / 74

1992-04-29

Intersection of Normandie and Florence in South Los Angeles
Los Angeles, USA

Civil disturbance began a few hours after the acquittal of four police officers in the Rodney King trial at the intersection of Normandie and Florence in South Los Angeles. In the four days of riots that followed.

51 / 2283

1992-05-05

Stadium
Bastia, France

Marseille was arguably the best team in France at the time, and the board of Bastia wanted to take advantage of it by adding a large-capacity stand, to increase the number of seats by 50%. Local authorities approved the project without restrictions. Increase the capacity of the stadium from 8,500 to 18,000, collapses before a French Cup semi-final match.

18 / 2300



[Photo:https://agoraspots.fr/5-mai-1992-le-jour-du-match/](https://agoraspots.fr/5-mai-1992-le-jour-du-match/)

1992-06-27

Olympiastadion
Munich, Germany

At Michael Jackson's debut Dangerous concert, people became hysterical and began rushing at the barriers, causing several people lifted from the crowd.

0 / 500

1992-07-19

Maracana Stadium
Rio de Janeiro, Brazil

People fall from upper tier of Maracana Stadium when part of the fence gave way when 150,000 fans await the Brazilian National Championship match between Flamengo and Botafogo.

0 / 60+

1993-01-01

Lan Kwai Fong
Kwai Fong, Hong Kong, China

A stampede involving some of the 20,000 in Lan Kwai Fong in Central for New Year celebrations. The crush occurred when people surged out into the streets from the district's restaurants and bars as the countdown to midnight was being broadcast live on TVB.

20 / 100



[Photo:https://hk.news.appledaily.com/local/daily/article/20150102/18988730](https://hk.news.appledaily.com/local/daily/article/20150102/18988730)



[Photo:https://reacho.in/nagpur/local/gowari-stamped-nagpur-throwback](https://reacho.in/nagpur/local/gowari-stamped-nagpur-throwback)

1993-10-30

Camp Randall Stadium
Madison, USA

Wisconsin defeated the Michigan Wolverines, 13–10, for the first time since 1981. As the final gun sounded, students began to charge the field to celebrate, but were blocked by the guardrails surrounding the field. The crowd in the back, not aware of what was going on at the front, continued to move forward, aided by gravity. Those in front were crushed against the rails and then trampled when the rails finally gave way and the throng spilled onto the field.

0 / 73

1994-05-23

the Jamaraat Bridge,
Mina Valley, Saudi Arabia

A progressive crowd collapse, caused by conditions "beyond human endurance", with a record 2.5 million pilgrims that year. Some victims were reported to have fallen from a pedestrian overpass (the Jamaraat Bridge) as a wave of pilgrims crowded those already on the overpass. After Saudi police sealed off the overpass, the crowds panicked and moved in two directions, causing more people to fall.

270 / 200



[Photo:https://news.google.com/newspapers](https://news.google.com/newspapers)

1994-11-23

Vidhan Bhavan,
Nagpur, India

Gowari people in a political protest, mostly women and children, perished in a stampede triggered by the cane-wielding police who attempted to prevent the estimated crowd of 40,000 from pressing towards the Vidhan Bhavan, Nagpur.

114 / 500

1994-11-27

Yiyuan Dancing Hull,
Fuxin, Liaoning, China

Fire in a nightclub, mostly students, were killed in a blaze at a large dance hall.

233 / 324

1994-12-08

Cinema
Urumqi, Xinjiang, China

The 1994 Karamay fire (literally Karamay Big Fire) is considered one of the worst civilian fires in the history of the People's Republic of China. During the fire, the students and teachers were ordered to remain seated to allow Communist Party officials to walk out first. The fire killed 325, including 288 schoolchildren.

323 / 20

1995-02-15

Weierkang Club (a karaoke bar and restaurant)
Taichung, Taiwan, China

Fire roared through a crowded three-story nightclub. There was an explosion on the second floor.

67 / Unknown

1995-04-08

stadium
Freetown, Sierra Leone

The main gate collapsed on hundreds of fans scrambling for tickets outside a packed stadium.

0 / 40

1995-04-24

all-night karaoke and video centre
Urumqi, Xinjiang, China

Fire at an illegal all-night karaoke and video centre.

51 / Unknown

1995-12-23

Rajiv Marriage Palace
Mandi Dabwali, Sirsa district, India

The incident occurred when the local DAVPublic School was holding its annual prize distribution function. 170 of victims were children and rest were the adults. A synthetic tent, which had been set up inside the building, caught alight when an electric generator short-circuited. Many of the deaths were caused by the resultant stampede as 1,500 people tried to escape through the single exit door.

400 / 160

1996-03-19

Night Club
Quezo, Philippines

Due to night club fire.

150+ / Unknown

1996-06-16

Stadium
Lusaka, Zambia

A stampede following Zambia's victory over Sudan in a World Cup qualifying game.

9 / 78

1996-07-14

Stadium/ Street,
Tripoli, Libya

A riot at a soccer match involving a team controlled by a son of Libyan leader Moammar Gadhafi.

50 / Unknown

1996-07-15

Temple
Ujjain and Haridwar, India

Most of the victims died of suffocation. A few were

gored by bamboo and steel wires as they were thrown against a temporary barricade which had been erected around the main area of worship inside the temple.

60 / 61

1996-10-16

Estadio Mateo Flores
Guatemala City, Guatemala

47,000 Football fans attempt to squeeze into the 36,000-seat Estadio Mateo Flores before a World Cup qualifying match between Guatemala and Costa Rica.

318 / 500



Photo:<https://agoraspports.fr/5-mai-1992-le-jour-du-match/>

1997-01-01

Street
Edinburgh, UK

A densely packed crowd of 350,000 gathered for the annual celebration. Barriers and railings were bent down by crowd pressure.

0 / 34

1998-04-09

Jamarat Bridge
Mina Valley, Saudi Arabia

The crushing is a progressive crowd collapse caused by the sheer numbers of pilgrims.

118 / 180

1998-04-09

Jamarat
Mina Valley, Saudi Arabia

Fires driven by high winds tear through a sprawling, overcrowded tent city.

343 / 1500



Photo:https://www.salaamgateway.com/en/story/in_pictures_19_years_of_the_hajj_1998_to_2016-SALAAM19082017161435/

1998-11-29

Macedonian organization
Gothenburg, Sweden

The fire was started in the basement of an overcrowded discotheque and made, due to unfortunate circumst.

63 / 213



Photo:http://news.bbc.co.uk/2/hi/south_asia/255518.stm

1999-01-11

Stadium
Alexandria, Egypt

Stampede after a derby between Korm and Al Ittihad.

11 / Unknown

1999-05-31

Railway station
Minsk, Belarus

A crowd of 2,500 rushed to get out of the rain at the railway station.

53 / 150



Photo:https://gazetaby.com/cont/art.php?sn_nid=21567

1999-12-04

Bergisel stadium
Innsbruck, Austria

"Severe crowd accumulation" at one exit went unrecognized. Darkness, a steep slope and a slippery surface were contributing factors.

6 / 38

2000-03-24

Throb nightclub
Durban, South Africa

There were 600 children from age 11-14 celebrating the end of term. The youngest to die in the accident was 11 years old. The stampede broke out after the detonation of a teargas canister at the club.

13 / 100



Photo:<http://news.bbc.co.uk/2/hi/africa/689732.stm>

1999-10-30

shopping complex
Inchon, South Korea

Fire started in the underground floor of a four story-building that housed shops, karaoke and billiard rooms. Most victims were found on the second and third floors.

54 / 71

1999-11-14

Sabarimala shrine
Kerala, India

A human stampede occurred at Sabarimala temple in the Indian state of Kerala (the Makara Jyothi Day), which caused by, among other things, the collapse of the sides of a hillock.

53 / 100

2000-03-29

Paradise Cinema
Jiaozuo, Henan, China

Fire in an adult cinema.

74 / Unknown

2000-04-15

Luanda nightclub
Lisbon, Portugal

Release of pepper gas and power cut caused a panicked stampede by at least 500 people. up to 1,000 dancers scrambled to flee the packed Luanda nightclub. The

club-owner said: "The people who were in the disco couldn't bear to stay inside because there was no oxygen, and the lights went out at the same moment.". Unknown assailants tossed poisonous gas bombs into the club, prompting panic and a stampede to escape.

7 / 65

2000-04-23

Stadium
Monrovia, Liberia

Thousands of fans forced their way into an overcrowded stadium, which has a capacity of 35,000, for a World Cup qualifier between Liberia and Chad.

3 / Unknown

2000-06-30

Orange Stage
Roskilde, Denmark

During Pearl Jam's concert at the Orange Stage, the crowds slip and fall in mud at front of stage.

9 / 26



[Photo:<http://www.workingwithcrowds.com/crowd-disasters-year/>](http://www.workingwithcrowds.com/crowd-disasters-year/)

2000-07-08

National Sports Stadium
Harare, Zimbabwe

there was an international soccer match between Zimbabwe and South Africa at the National Sports Stadium in Harare. The stadium was filled to capacity with spectators. Towards the end of the match some spectators started to throw cans and mostly plastic bottles onto the pitch after the South Africans had scored their second goal. Police fired tear gas at unruly fans, setting off a stampede. Panic ensued and people tried to run towards the exits to get away from the noxious fumes. Tear gas canisters were fired towards some of the exits as people were trying to get out of the stadium.

12 / Unknown

2000-10-20

Lobohombo nightclub
Mexico City, Mexico

The 4,700 square feet club had a capacity for more than 1,000 people, but the building had no emergency exits. Survivors said they were blocked from leaving the burning building by disco personnel who insisted

they pay their bills first.

20 / 27

2000-12-25

Dance Hall
Luoyang, China

The fire in a Dance Hall in the multi-story Dongdu commercial building started at 9:30 p.m. and trapped construction workers on the second and third floor.

309 / 24

2000-12-30

Stadium
São Januário, Brazil

The stadium was visibly oversold, but organizers did not notify safety officials. At one point in the frenzied match, a fight started at the top of one portion of the stadium stands. A weapon was brandished and people near the fight stampeded causing a crowd surge and crush at the bottom of the pitch. Many fans were trapped by security fencing and could not escape.

0 / 200



[Photo:<http://www.ocursoodofutebol.com.br/2016/12/vasco-x-sao-caetano-em-2000-o-jogo-que.html>](http://www.ocursoodofutebol.com.br/2016/12/vasco-x-sao-caetano-em-2000-o-jogo-que.html)

2001-01-01

Dance Hall
Amsterdam, Volendam, Netherlands

Fire in a Dance Hall, which swept through a cafe packed with teenagers.

10 / 130

2001-03-04

Mall
Jakarta, Indonesia

4 young girls crushed to death during signing session of British Band A1 during mall promotion.

4 / Unknown

2001-03-05

Jamarat Bridge

Mina Valley, Saudi Arabia

At stoning of the Devil.

35 / 179

2001-04-01

Shrine
Pak Patten, Pakistan

The worshipers were waiting Saturday night to partake in an annual religious ceremony. A door opening delay that kept approximately 100,000 pilgrims waiting for 3 hours; a narrow street that funnelled the worshipers into the shrine and poor crowd management were reasons given for the disaster.

36 / 150

2001-04-11

Ellis Park Stadium
Johannesburg, South Africa

A crowd tried to get into stadium to watch the match between Kaizer Chiefs and Orlando Pirates. Overcrowding and poor crowd management.

43 / Unknown



[Photo:<http://www.kickoff.com/news/54437/remembering-the-ellis-park-disaster>](http://www.kickoff.com/news/54437/remembering-the-ellis-park-disaster)

2001-04-29

Stadium
Lubumbashi, Congo

A stampede after police fired tear gas into unruly crowd.

8 / Unknown

2001-05-06

Stadium,
Ivory Coast

Fighting broke out among fans at a match.

1 / 39

2001-05-06

Stadium
Sari, Iran

Part of the roof of a stadium grandstand caved in during a soccer match, hurling spectators to the ground.

2 / 143

2001-05-09

Stadium
Accra, Ghana

A stampede at a packed soccer match between two of Ghana's leading teams.

127 / Unknown



[Photo:<https://www.wantedinafrica.com/news/accra-remembers-stadium-disaster.html>](https://www.wantedinafrica.com/news/accra-remembers-stadium-disaster.html)

2001-07-21

Pedestrian
Akashi, Hyōgo, Japan

Poor Planning And Management. A large crowd of people packed into a partially enclosed pedestrian overpass leading to Asagiri Station after a fireworks show.

11 / 247



[Photo:<https://time-az.com/main/detail/56302>](https://time-az.com/main/detail/56302)

2001-08-26

the Green festival
Glasgow Green, UK

Fans were crushed at a concert featuring Eminem. They were crushed 20 minutes after the Detroit rapper came on stage at the Gig on the Green festival in Glasgow.

0 / 45

2001-09-01

Mah-Jongg Club
Tokyo, Japan

Nightly Fire in the 3rd. floor of building that contained numerous restaurants and red-light establishments in a busy entertainment district. The windowless structure

was crowded and the stairways are described as extremely narrow.

44 / 3

2001-12-18

Government Distribution Centre
Aracaju, Brazil

A crowd of 45,000 people fought to enter a government distribution centre, where state officials were to hand out gifts to the poor. It is believed a wall collapsed, causing panic and trapping hundreds of people in the crush.

4 / Unknown

2001-12-21

Indigo club
Sofia, Bulgaria

The victims--between 10-and 14-years-old--were among thousands of young people celebrating the start of the Christmas holiday. It appears the disaster was triggered by poor crowd management and by entrance stairs that were described as "icy." There are also conflicting reports about a possible structural collapse inside the club.

7 / Unknown

2002-01-08

The Tama Plaza Tokyu Shopping Centre
Yokohama, Japan

Thought they had a good publicity stunt for the first day of the new year, but what the mall really planned was a classic crowd craze situation. Anxiety and competitiveness developed in the waiting crowd, as could be anticipated. When the doors of the Centre opened mid morning, the shoppers surged forward. The craze caused a crowd collapse as people toppled over each other.

0 / 10

2002-02-20

Temple
Ujjain and Haridwar, India

A train from Cairo to Luxor caught fire.

350 / Unknown

2002-03-30

Raghunath temple
Jammu, India

2 suicide bombers attacked the temple.

11 / 20

2002-07-27

Sknyliv Airfield
Lviv, Ukraine

A Ukrainian Air Force Sukhoi Su-27 piloted by Volodymyr Toponar and co-piloted by Yuriy Yegorov crashed into a crowd of spectators during an aerobatics presentation at Sknyliv airfield.

77 / 543

2002-09-23

AFengzhen Experimental Middle School
Fengzhen Shi, Wulanchabu Shi, Neimenggu Zizhiqu, China

21 children were killed, most suffocated under a pile of bodies, and 47 hurt. Police said they had detained seven people, including school officials and a local construction company boss, after the collapse, a guardrail gave way in a dark stairwell at a school during a power blackout.

21 / 47

2002-09-24

Akshardham Temple
Gandhinagar, Gujarat, India

2 armed men attacked the Akshardham Temple complex.

32 / 80

2002-10-29

Saigon International Trade Center
Ho Chi Minh, Vietnam

There were about 1500 people shopping in the building when the fire started. The fire which began at 1:15 p.m. local time (0615 GMT) on Tuesday. Initial reports indicated it may have been sparked by a short-circuit in the Blue Disco, one of the city's most popular dance spots, on the building's second floor.

61 / 120

2002-11-24

Raghunath temple,
Jammu, India

The fidayeen suicide squad attacked the temple second time. Witnesses said terrorists hurled grenades and fired indiscriminately on the heavily guarded Raghunath temple.

14 / 45

2002-12-01

Night club
Caracas, Venezuela

Goajira nightclub fire.

47 / Unknown

2003-02-11

Jamarat Bridge
Mina Valley, Saudi Arabia

This accident was a result of pilgrims begin crushed by a bus.

14 / Unknown

2003-02-17

Epitome Night Club
Chicago, USA

The stampede was triggered by club security using pepper spray to break up a fight. Several patrons close to the commotion experienced vomiting or fainting from the spray's noxious fumes. Coupled with panic from others unaware of the source of the smell, the crowd rushed towards the exits.

21 / 50



Photo:<https://www.youtube.com/watch?v=sGxkFwDaIIQ>

2003-02-18

Train Station
DAEGU, South Korea

The arson suspect has a history of mental illness and was trying to commit suicide, police said. And human error by train operators may have more than doubled the death toll.

120+ / 387

2003-02-20

The Station Night Club,
Rhode Island, U

The fire was caused by pyrotechnics set off by the tour manager of the evening's headlining band Great White, which ignited plastic foam used as sound insulation in the walls and ceilings surrounding the stage.

100/ 230

2003-05-10

Friendship Stadium,
Cotonou, Benin

The crush was caused by the capacity crowd surging forward to be closer to the musician. Overexcited spectators were involved in jostling at the entrance - several of them were trampled in the crush.

15 / 12

2003-08-27

River bank
Nasik, India

Stampeding pilgrims have trampled at many elderly women to death at a Hindu festival.

39 / 57



Photo:<http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/20150714.htm>

2004-01-23

makeshift palm-frond hall
Srirangam, Tiruchirappalli, Tamil, India

A spark from the holy flame set fire to a makeshift palm-frond hall at a wedding ceremony.

51 / Unknown

2004-01-25

Comfort Inn motel
Columbia , South Carolina, USA

Fire swept through a Comfort Inn motel.

3+ / Unknown

2004-02-01

Jamarat Bridge
Mina Valley, Mina Valley

Saudi Arabia has set up a high-level committee to restructure Islam's holiest sites.

251 / 244



Photo:<https://www.youtube.com/watch?v=sGxkFwDaliQ>

2004-02-05

Mihong Park
Beijing, China

The Chinese Lunar New Year lantern and fireworks display ended in disaster when spectators packed on a metal bridge died in a crush. The bridge, bedecked with red lanterns, spans a 100-metre canal.

37 / 15



Photo:http://hk.on.cc/cn/bkn/cnt/news/20150102/bkn_en-20150102182521297-0102_05011_001_cn.html

2004-02-06

Avtozavodskaya subway station on the Zamoskvoretskaya Line
Moscow, Russia

A male suicide bomber.

41 / 102

2004-03-02

Kadhimiya Shrine
Karbala and Baghdad, Iraq

The Ashura massacre.

178 / 500

2004-03-11

Trains
Madrid, Spain

The 2004 Madrid train bombings (also known in

Spain as 11-M) were nearly simultaneous, coordinated bombings against the Cercanías commuter train system.

193 / 2050

2004-04-12

Chandrashekhar Azad Park
Lucknow, India

The stampede that broke out when Bharatiya Janata Party leader Lalji Tandon was distributing sarees to mark his birthday in Lucknow.

21 / 28

2004-08-01

Ycuá Bolanos supermarket
Asunción, Paraguay

A fire has swept through a supermarket. After the fire broke out, exits were locked to prevent people from stealing merchandise. The building also lacked adequate fire protection systems.

396 / 500

2004-09-01

IKEA
Jeddah, Saudi Arabia

As the main door opened around 9 a.m., an hour before the scheduled time because of the swelling crowd, those standing toward the end of the queue caused the stampede by pushing their way toward the main entrance at the opening of an IKEA furniture showroom at its new location.

3 / 16

2004-11-20

Street
Togo

A huge crowd marched to President Gnassingbe Eyadema's residence to celebrate an EU decision this week to restart.

13 / Unknown

2004-12-30

República Cromañón nightclub
Buenos Aires, Argentina

A pyrotechnic flare (a popular device in New Year's Eve celebrations) was set off and ignited foam in the ceiling. The materials used in the building for decoration were flammable. The owner and the band's lead singer had told the patrons not to use flares inside the building. Four of the six doors, some of which were fire exits, were chained shut so that "people would not enter without paying", according to Mayor Aníbal Ibarra.

194 / 1432

2005-01-25

Mandher Devi temple
Wai, Satara district, Maharashtra, India

The stampede broke out as 300,000 people converged on the Mandher Devi temple to undertake the annual pilgrimage on the full moon day. A fire then broke out in shops nearby and gas cylinders exploded. Scores were crushed to death on the steep and narrow hill path leading to the temple and many others were charred.

291 / 100



Photo:<http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/20150714.html>

2005-02-09

Edmonton, Ikea
London, UK

Safety fears forced the store to shut 30 minutes after it opened. Several people hurt in the crush as a crowd of thousands forced a flagship Ikea superstore to close on its opening night.

1 / 20

2005-02-14

Mosque
Tehran, Iran

A faulty electrical heater started ablaze in a Tehran mosque crowded with worshippers for a major Shi'ite Muslim festival.

35 / 200

2005-02-27

Football stadium
Ouagadougou, Burkina Faso

The accident happened several hours before the gala event which drew 35,000 people. Stampede ahead of the free gala opening ceremony for the Africa's Fespaco film festival.

2 / Unknown

2005-02-28

Open Space
Bagdad, Iraq

The Al Hillah bombing.

125 / 130

2005-03-19

Doha Players theater
Doha, Qatar

A suicide car bombing.

1 / 12

2005-03-19

the shrine of Cheesal Shah
Sehwan, Dadu District, Sindh, Pakistan

A powerful bomb.

35 / 40

2005-03-23

Refinery
Texas City, USA

A BP oil refinery explosion.,.

14 / 100

2005-03-25

Azadi Stadium
Tehran, Iran

More than 100,000 spectators at the Azadi stadium moved to the exits after the Football World Cup qualifying match between Iran and Japan.

5 / 40

2005-03-25

Boat
Tema, Ghana

A fire at Ghana's main port.

3 / 14

2005-04-06

Pool,
Kasiani, Bangladesh

Thousands of Hindus are taking part in a week-long annual bathing ritual, held to celebrate the birth anniversary of medieval saint Harry Chand Thakur. Hindus make up around 10 percent Bangladesh's nearly 140 mostly Muslim people.

6 / Unknown

2005-07-05

Babri Mosque
Ayodhya, India

5 terrorists attacked the makeshift Ram temple.

6 / 3

2005-08-31

Al-Aaimmah bridge
Baghdad, Iran

1 person “pointed a finger at another person saying that he was carrying explosives...and that led to the panic”. The panicked crowd flocked to the bridge, which had been closed. Somehow, the gate at their end of the bridge opened, and the pilgrims rushed through. Some people fell onto the concrete base and died instantly. The ensuing crush of people caused many to suffocate. The pressure of the crowd caused the bridge’s iron railings to give way, dropping hundreds of people 9 m (30 feet) into the Tigris river. There was nowhere on the bridge for the people to go, as the other end of the bridge remained closed, and was impossible to open anyway, as it opened inward.

953 / Unknown



[Photo:https://www.smh.com.au/news/world/hundreds-killed-in-stampede-on-iraqi-bridge/2005/08/31/1125302628891.html](https://www.smh.com.au/news/world/hundreds-killed-in-stampede-on-iraqi-bridge/2005/08/31/1125302628891.html)

2005-09-05

Theater
Cairo, Egypt

Flames swept through the theater. Poor safety measures were blamed for the tragedy as only one of two exits was working.

32+ / Unknown

2005-09-09

Colombo airport
Dehiwala-Mount Lavinia, Colombo

A stampede on board after a bomb scare.

1 / 12

2005-10-26

Guangnazen Center Elementary School
Tongjiang Xian, Bazhong Shi, Sichuan, China

A stairway stampede at a Chinese primary school.

7 / 37

2005-10-31

Car Parking near Masjid al-Haram
Mecca, Saudi Arabia

Hundreds of prayers rushed to grab charity cash handouts.

7 / 40

2005-12-06

School
Vyasarpadi, India

Chennai stampede incident happened in a school in Vyasarpadi on the outskirts of Chennai where relief supplies were distributed by the state government for people affected by severe flooding. As soon as the gates were opened, people broke open leading to a stampede.

6 / 12

2005-12-18

Shelter
Chennai, India

The relief supplies were distributed by the state government for homeless refugees in southern India.

42 / 37



[Photo:https://www.gettyimages.it/detail/fotografie-di-cronaca/indian-relative-meena-mourns-the-death-of-her-fotografie-di-cronaca/56449281#chennai-indian-relative-meena-mourns-the-death-of-her-husband-picture-id56449281](https://www.gettyimages.it/detail/fotografie-di-cronaca/indian-relative-meena-mourns-the-death-of-her-fotografie-di-cronaca/56449281#chennai-indian-relative-meena-mourns-the-death-of-her-husband-picture-id56449281)

2005-12-23

Club Lipa
Ljubljana, Slovenia

A crowd of around 500 people waiting to enter the Christmas party started to push toward entrance. The organizer advertised the event with a “free taxi to the club from 9 to 10 pm, free entry till 10 pm and alcohol for 1 EUR” ads. The left side fence could not handle the pressure so it broke and some people fell on it and on the red carpet leading to the club.

2 / Unknown

2005-12-25

Tandoi Western Restaurant(illegal Bar inside)

Zhongshan, Guangdong, China

Witnesses said disco lights fell to the ground and exploded after the boss handed out Christmas gifts.

26 / 11

2006-01-05

the Al-Ghaza Hotel near Al Salam Gate
Mecca, Saudi Arabia

A hotel on the outskirts of Islam’s holiest city Mecca has collapsed, security officials said.

12 / Unknown

2006-01-12

Jamarat Bridge
Mina Valley, Saudi Arabia

‘It Was Like a Huge Wave of Sea Gushing Down on the Pilgrims’ P.K. Abdul Ghafour—Security forces were doing their best to control the crowd.

363 / Unknown



[Photo:https://www.theguardian.com/world/2006/jan/12/saudiarabia.religion](https://www.theguardian.com/world/2006/jan/12/saudiarabia.religion)

2006-02-04

PhilSports Arena
Pasig, Metro Manila, Philippine

About 30,000 people had gathered outside the stadium waiting to participate in the first anniversary episode of the former television variety show Wowowee. The stampede began when the already impatient crowd continued pushing and shoving, causing one of the barriers used to keep people in queue to collapse.

73 / 400



[Photo:http://thecyberniche.tumblr.com/post/3087843349/never-forget-wowowee-tragedy-ultra-stampede](http://thecyberniche.tumblr.com/post/3087843349/never-forget-wowowee-tragedy-ultra-stampede)

2006-07-21

Alexandra Road
Aberystwyth, UK

Town chaos as cash thrown in air People in Aberystwyth had an unexpected windfall when a man showered what is thought to be thousands of pounds into the air at a pedestrian crossing. The man was heard to shout, “Who wants free money?” seconds before hurling the cash into the air in Alexandra Road. The incident caused chaos as drivers and pedestrians, some on their hands and knees, picked up the money.

0 / Unknown

2006-09-12

Stadium
Sanaa, Yemen

Thousands of rally-goers attempted to force their way into an already overcrowded stadium.

51 / 238



[Photo:https://www.gettyimages.ca/detail/news-photo/yemeni-soldiers-and-security-guards-carry-corpses-of-people-news-photo/71859221#ibb-yemeni-soldiers-and-security-guards-carry-corpses-of-people-picture-id71859221](https://www.gettyimages.ca/detail/news-photo/yemeni-soldiers-and-security-guards-carry-corpses-of-people-news-photo/71859221#ibb-yemeni-soldiers-and-security-guards-carry-corpses-of-people-picture-id71859221)

2006-09-15

Street
Zunjabar, Yemen

During a pre-election rally in support of Preside Street crowd.

6 / 20+

2006-11-18

Tutang Middle School
Duchang Xian, Jiujiang Shi, Jiangxi Sheng, China

It happened on Saturday night when hundreds of first-grade pupils finished evening classes.

6 / 39

2006-12-17

Tent
Jhok Utra, Dera Ghazi Khan, Punjab, Pakistan

A fire at a wedding party triggered a stampede and collapse of a wall.

23 / 70

2006-12-20

Mangala Krida Stadium
Pekalongan, Indonesia

Thousands of fans of popular band Ungu left the stadium after the show.

10 / 24

2006-12-31

Parking lot
Madrid, Spain

A car bomb exploded in a parking lot at Madrid's international airport.

35 / 40

2007-01-01

Streets
Manila, Philippines

Firecrackers and firing of guns of a raucous New Year revelry of street parties.

1 / 624

2007-05-16

Buenos Aires' Constitucion station
Buenos Aires, Argentina

Riot over train delays Argentinian commuters enraged by delays in evening train services. Police fired rubber bullets and tear gas as rioters pelted them with rocks.

0 / 12

2007-06-02

Konkola Stadium
Chililabombwe, Zambia

A stampede at the end of a Football game between Zambia and Republic of Congo.

12 / Unknown

2007-10-03

Train Station,
Mughalsarai, India

At least 14 women were crushed to death at a train station in northern India.

16 / 40

2007-10-05

Rungrado May Day Stadium
Sunchon, North Korea

After a crowd of 15,000 watched a public execution in a stadium, people were crushed to death.

6 / 34

2007-10-14

Mahakali temple
Pavagadh hill in Gujarat, India

The stampede occurred between devotees who were coming down the hill and those who were climbing their way up.

11 / Unknown

2007-11-11

Supermarket Carrefour
Chongqing, China

The shop was offering 20% discounts on cooking oil.

3 / 30+

2008-02-11

Warnet AACC
Bandung, West Java, Indonesia

10 young people were trampled or crushed to death as hundreds of music fans tried to force their way out of a rock concert in the Indonesian city of Bandung,

10 / Unknown

2008-03-27

Temple
Karila village, Bhopal, India

The stampede occurred as thousands of devotees were making their way into the temple during an annual fair.

8 / 10

2008-06-20

Night club
Mexico City, Mexico

Stampede during a police raid.

12 / 13

2008-08-03

Naina Devi temple
Himachal Pradesh, India

There were as many as 3000 devotees at the temple because it was a sacred place (called a "Shakti Peeth") in the holy month of Shraavana of the Hindu Calendar. Devotees standing in a queue initially saw

the collapse of a rain shelter. This triggered a false cry of "landslide!" as it was raining on the day of the stampede. People reportedly tried to move outside the railings put up by the police for crowd control, but the police refused to allow any more movements. The railings later collapsed and people fell on each other, starting the stampede.

146 / 150



Photo:<http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/201507/4.htm>

2008-10-02

Dance Hall
Tabora, Tanzania

A stampede in an overcrowded dance hall. Daudi Siasa says the hall was filled to twice its capacity. All the children inside were between the ages of 5 and 13.

20 / 50

2008-11-28

Wal-Mart
New York, USA

Thousands of shoppers had collected outside the store and were worked up into a frenzied mob.

1 / Unknown

2009-01-01

Night club
Bangkok, Thailand

The fire broke out at 00:35 during the New Year's celebration as a band, coincidentally called "Burn", was playing, by another coincidence, the party was named "Santika's Last Night". People stampeded to escape the raging flames.

66 / 222

2009-03-29

Felix Houphouet-Boigny arena
Abidjan, Ivory Coast

Before a 2010 FIFA World Cup qualification match between Malawi and Côte d'Ivoire, in an attempt to control a stampede, police fired tear gas into the crowds, who had begun jostling with each other at least 40 minutes before kick off. The match was particularly popular among locals, with world stars such as Didier Drogba, Sol Bamba and Salomon Kalou due to play for Côte d'Ivoire.

19 / 135



Photo:<https://www.gettyimages.ca/event/killed-in-ivory-coast-stadium-stampede-85696752#supporters-carry-an-injured-person-on-march-29-2009-at-felix-stadium-picture-id85691607>

2009-05-23

Hay Nahda stadium
Rabat, Morocco

The Mawazine stampede occurred during the Mawazine music festival shortly after midnight.

11 / 40

2009-08-16

Tent
Kuwait

People were caught in a stampede as guests tried to escape the flames at a wedding party.

41 / 76

2009-09-09

Government Secondary School
Delhi, India

A panic was triggered by a rumor that accumulated rainwater had become electrically charged. It occurred on a stairway when opposing traffic overwhelmed the capacity of the stairway.

5 / 33

2009-11-15

Street
Birmingham, UK

A crowd of over 20,000 turned up (only 5,000 had been planned for) at an outdoor area. As attendees attempted to get closer to the stage, a surge forward resulted in the collapse of crowd control barriers, with some concert-goers trapped beneath them.

0 / 60



Photo:<http://www.dailymail.co.uk/news/article-1227846/Concert-stampede-new-Hillsborough-scores-injured-Birmingham.html>

2009-12-05

Lame Horse
Perm, Russia

The fire started when sparks from pyrotechnics ignited the low ceiling and its willow twig covering.

156 / 78

2009-12-08

Yucai Middle School
Xiangxiang, Xiangtan, Hunan, China

52 evening classes were dismissed at the same time. The crush occurred when most of the students tried to exit down the same stairwell. It was raining outside, and that particular stairwell was closest to the dormitories.

8 / 26

2009-12-09

Government Secondary School
Delhi, India

Students had arrived at school in pouring rain, and a panic was triggered by a rumor that accumulated rainwater had become electrically charged.

5 / 33

2009-12-21

Moti Haveli
Darbar Gadh, Dhoraji, Gujarat, India

A stampede during a religious ceremony outside a temple on Sunday evening. As the gates were opened for darshan, the women rushed forward. Someone must have slipped causing all of them to topple over each other, crushing them to death.

8 / 37

2010-01-14

Train Station
Mughalsarai, India

Hundreds of thousands of bathed in the icy waters of the Ganges as a months-long Hindu festival expected

to attract more than 10 million people kicked off in one of India's holiest cities. The stampede occurred when the pilgrims were about to cross the Muriganga river on way to Gangasagar island. A staircase leading to the jetty collapsed resulting in the stampede.

7 / 12

2010-01-16

Olympic LiveCity
Vancouver, Canada

In front of the stage, several barricades had collapsed under the weight of the surging crowd and chaos unfolded.

0 / 20

2010-02-26

Mosque
Timbuktu, Mali

During Mawlid (festival to mark the birth anniversary of Prophet Muhammad), the accident happened because of a bottleneck caused by renovation work.

26 / 55

2010-03-04

Ram Janki Temple
Ram Janki Temple, India

A stampede among thousands of poor villagers scrambling for free food and clothes at a commemorative event. Nearly all the victims were women and children.

63 / 44



Photo:<http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/20150714.htm>

2010-04-25

Ticket Booth
Cape Town, South Africa

With people skipping work to get their hands on the prized tickets for the 64 World Cup matches, there were riots at selling points.

1 / Unknown

2010-05-04

Dam Square
Amsterdam, Netherlands

Bystanders tried to push away from the man a security fence fell over with a sharp, shot-like sound, which created panic further away in the 20,000-strong crowd.

0 / 87

2010-06-06

Makulong Stadium
Makulong, South Africa

Fans rushed to get inside Makulong Stadium after free tickets were given out to a friendly soccer match between Nigeria and North Korea.

0 / 14

2010-06-28

Los Angeles Memorial Coliseum
Los Angeles, USA

Rushing gates in an attempt to overwhelm security and get inside without the required \$75 ticket.

1 / 226



Photo:<http://articles.latimes.com/2010/jul/01/local/la-me-rave-coliseum-20100701>

2010-07-24

Tunnel
Duisberg, North Rhine-Westphalia, Germany

The catalyst of the problem was the overcrowding in the 100 metre long and 16 metre wide tunnel after which local police closed the grounds. The tunnel rapidly became stuffed up and hot with thousands of people inside. Panic spread like wildfire as people collapsed at the 2010 Love Parade electronic dance music festival.

21 / 500+



2010-10-17

Durga temple
Ahole, Bagalkot, India

A portion of the sacrificed goat's body fell on some people, creating a scare that led to the stampede, according to the report.

10 / Unknown

2010-10-24

Nairobi stadium
Nairobi, Kenya

A stampede started after a group without tickets tried to storm through a stadium entrance. When the gate fell, people were pushed down, hundreds of people stumbled on them again and again.

7 / Unknown

2010-12-22

Suspension bridge
Phnom Penh, Cambodia

During the Khmer Water Festival celebrations,

375 / 755



2011-01-15

West Balkans discothèque
Budapest, Hungary

The venue was functioning without a full permit and being allowed to operate only until 10 p.m. with a maximum capacity of 300 people. An estimated 2,500

people were in the nightclub when the incident occurred just before midnight and 2,881 tickets had been sold.

3 / 14

2011-01-15

Sabarimala temple
Pullumedu, India

The pilgrims were returning from a Hindu shrine on the last day of a yearly festival which attracts millions of devotees. An SUV which blocked the path, near Pullumedu, possibly after breaking down. When moved it may have overturned and caused people to stumble, triggering the stampede or by too many people running down the hill towards the road where there was already a pack of vehicles.

106 / 100



2011-02-12

Stadium
Port Harcourt, Nigeria

A stampede at a campaign rally on Saturday for Nigerian President Goodluck Jonathan in the oil-producing Niger Delta region. A police officer shot into the air as crowd members surged out of the 20,000-seat stadium. While the gunshots were apparently aimed at controlling the crowd, they instead created panic, with the main gate appearing locked and rally-goers attempting to leave through a narrow passageway.

11 / 29

2011-02-22

Stadium
Bamako, Mali

The stampede happened at the Modibo Keita Stadium, which seats 25,000. The crowd wanted to be blessed by the imam after the speech, made on the festival of Maouloud, the Prophet Muhammad's birthday.

36 / 60+



2011-07-10

Stade Alphonse Massamba-Debat
Brazzaville, Congo

Security forces failed to control a stampede outside the Felix Eboué stadium, the venue for the 8th Pan-African Music Festival (Fespam).

7 / 30

2011-10-19

Lava Ignite Night Club
Northampton, UK

Crush after public-address system announcements that people would miss their return coaches unless they left immediately.

2 / 0

2011-11-08

Ganges river.
Haridwar, Uttarakhand, India

The horror began when some devotees tripped and fell while worshipers behind them continued to push forward, women and children were among the dead and injured.

20 / 32

2011-11-08

the banks of Ganges river.
Haridwar, Uttarakhand, India

When the big ritual was going on, too many people rushed forward to make their offerings to the holy fire and the crowd got out of control.

16 / 50

2011-11-22

Gelora Bung Karno Main Stadium
Jakarta, Indonesia

A stampede at the Southeast Asia Games final against Malaysia. Around 90 minutes after the stampede broke out, the crowd of people pushed each other to make their way forward.

2 / 9

2012-01-10

University
Johannesburg, South Africa

A stampede broke out in a 8,000-strong crowd trying to snap up last-minute spaces at the University of Johannesburg. As students and their parents pushed to get through the gate, some fell to the ground and were trampled while others were forced against the sharp metal fencing.

1 / 17

2012-01-13

Hussain Tekri
Jaora, India

The stampede occurred as Muslim devotees gathered for Chellum, a religious occasion that follows Muharram. The incident occurred when police tried to push back devotees who attempted to enter the shrine after midnight.

12+ / 6+

2012-02-01

Egyptian club stadium
Port Said Governorate, Egypt

A massive riot occurred after thousands of Al-Masry spectators stormed the stadium stands and the pitch, following a 3–1 victory by Al-Masry, and violently attacked Al-Ahly fans using knives, swords, clubs, stones, bottles, and fireworks as weapons. Many of the deaths were caused due to the police's refusal to open the stadium gates, trapping the Ahly fans inside.

74 / 500+



[Photo:https://www.dw.com/en/retrial-for-those-accused-in-port-said-football-stadium-riot/a-17415242](https://www.dw.com/en/retrial-for-those-accused-in-port-said-football-stadium-riot/a-17415242)

2012-02-19

Bhavnath temple
Junagadh, Gujarat, India

The stampede broke out following panic after the brakes of a 4-wheeler at the fair venue apparently failed.

6 / 12



[Photo:<http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/20150714.htm>](http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/20150714.htm)

2012-03-18

Cathedral Square
Cairo, Egypt

Thousands of mourners gathered to mourn the death of their church's leader, Coptic Pope Shenouda III of Alexandria. Viewing was cut short and the cathedral was closed to the public as a result of the incident.

3 / 137

2012-09-24

Ashram
Jharkhand, India

The tragedy occurred when over two lakh devotees assembled at the samadhi of Sri Thakur Ankul Chandra for the annual birthday celebrations of the revered guru.

12 / 30

2012-11-01

Madrid Arena
Madrid, Spain

Panic spreads when a flare is thrown into the crowd at a Halloween party in Madrid.

3 / Unknown



[Photo:<https://www.elperiodico.com/es/sucesos-y-tribunales/20160926/la-verdad-para-el-caso-madrid-arena-5416867>](https://www.elperiodico.com/es/sucesos-y-tribunales/20160926/la-verdad-para-el-caso-madrid-arena-5416867)

2012-11-20

the bank of river Ganga
Patna, India

During the Chhath puja at Adalatghat Ghat, because of the diversion, there was a lot of confusion and ruckus. Then there was a power cut that led to panic which and caused the stampede.

15 / Unknown

2013-01-01

Stade Félix Houphouët-Boigny
Afuia Hirsch, Ivory Coast

Stampede at a New Year's Eve celebration.

62 / 200+



[Photo:<https://www.theguardian.com/world/2013/jan/02/ivory-coast-stamped-death-toll-rises>](https://www.theguardian.com/world/2013/jan/02/ivory-coast-stamped-death-toll-rises)

2013-01-01

Estádio da Cidadela
Luanda, Angola

People tried to enter the overcrowded Estádio da Cidadela for a New Year's Eve vigil.

10 / 120

2013-01-27

The Kiss nightclub(now Memorial Do Incêndio Da Boate Kiss)
Santa Maria, Brazil

Ilegal indoor usage of outdoor pyrotechnics, and a band's pyrotechnics show set the building ablaze, and fleeing patrons were unable to find the emergency exits.

242 / 630+

2013-02-10

Allahabad Railway Station
Allahabad, Uttar Pradesh, India

A railing on a footbridge collapsed at the Allahabad railway station, and overcrowding, in railway.

42 / 45

2013-02-27

Jinji Elementary School
Laohekou, xiayang, Hubei, China

More than 80 students gathered on the staircase between the first and second floor, and without waiting for the teachers to unlock the gate, the students pushed, causing the loosely-attached gate to fall.

4 / 11

2013-06-20

Tongji University
Shanghai, China

Upon David Beckham's arrival, fans stormed through a gate and broke through a line formed by police and guards.

0 / 7

2013-10-13

Ratangarh Mata Temple
Datia, India

During the Navratri festival dedicated to the worship of the Hindu goddess Durga, about 500,000 pilgrims were estimated to have flocked to the the temple.

115 / 110+



[Photo:<http://darkroom-cdn.s3.amazonaws.com/2015/08/AP-Mideast-Egypt-Soccer-F-2.jpg>](http://darkroom-cdn.s3.amazonaws.com/2015/08/AP-Mideast-Egypt-Soccer-F-2.jpg)

2013-12-03

the Holy Ghost Adoration Ground
Uke, Anambra, Nigeria

The tragic incident has already become political, as the camps of Governor Peter Obi and Senator Chris Ngige are trading blame over the incident. More than 100,000 people were said to be gathered at the venue of the incident, with facilities that can hardly take 5,000 people, when the stampede occurred.

28+ / 200

2014-01-06

Mosque
Xiji, Ningxia, China

14 people have been killed and 10 injured in a stampede at a mosque in China's northwest Ningxia region,

according to state media. It happened as traditional food was being handed out at an event to commemorate a religious leader, Xinhua news agency said.

36 / 60+



[Photo:<http://barenakedislam.com/2014/01/05/china-14-muslims-including-6-children-killed-in-stamped-on-a-mosque-a-human-stampede/>](http://barenakedislam.com/2014/01/05/china-14-muslims-including-6-children-killed-in-stamped-on-a-mosque-a-human-stampede/)

2014-01-18

Malabar Hill
Mumbai, Maharashtra, India

People were crushed after the gates of the house where the body of Syedna Mohammed Burhanuddin were kept were closed.

18 / 56



[Photo:\[http://www.independent.co.uk/news/world/asia/stampede-at-mumbai-funeral-leaves-18-dead-as-thousands-mourn-muslim-leaders-death-9069247.html\]\(https://www.independent.co.uk/news/world/asia/stampede-at-mumbai-funeral-leaves-18-dead-as-thousands-mourn-muslim-leaders-death-9069247.html\)](https://www.independent.co.uk/news/world/asia/stampede-at-mumbai-funeral-leaves-18-dead-as-thousands-mourn-muslim-leaders-death-9069247.html)

2014-03-15

National Stadium
Abuja, Nigeria

6.5 million people in all 37 states of Nigeria (including the FCT) stormed various recruitment centers in the country for the 4000 vacant positions in the Nigeria

Immigration Service, security forces fired their rifles into the air for crowd control, which triggered deadly panics. The major causes of death was due to overcrowding, stampede, exhaustion, and impatience of the applicants.

16 / 119



Photo:<https://www.vanguardngr.com/2014/03/nis-tragedy-labour-nhrc-demand-sack-moro/>

2014-04-25

Kikwi Public Place.
Bandundu, Democratic Republic of Congo

Friday during a tribute festival in the Democratic Republic of Congo for a popular African music star. "The provisional toll, which we deeply regret, stands at 14 dead --including two policemen -- and eight wounded," said Camille Sesep, a spokesman for Bandundu, the native province of the late singer King Kester Emeneya.

14 / 8

2014-05-12

Stadium
Kinshasa, Democratic Republic of Congo

Fans in grew angry after their team was defeated 1-0 by a side from Lubumbashi in a heated final football match. And police fired teargas to the crowd.

15 / 24

2014-09-21

Mbizo Stadium
Kwekwe, Zimbabwe

Around 30,000 people attended a religious service officiated by Walter Magaya. After the service, the crowd left toward a single exit in a stampede, killing four immediately.

11 / 40



Photo:<https://mg.co.za/article/2014-11-21-zim-church-stampede-kills-11>

2014-10-03

Gandhi Maidan
Patna Bihar, India

The incident occurred when people were returning after watching the "Ravan Vadh" ceremony at the Bihar capital's main Dassehra festival event and a huge crowd had gathered to witness the event.

32 / 50



Photo:<https://www.indiatoday.in/india/east/story/dussehra-celebrations-patna-stampede-gandhi-maidan-208544-2014-10-03>

2014-10-10

Qasim Bagh Stadium
Multan, Pakistan

At a public rally for political party, Pakistan Tehreek-e-Insaf (PTI). As Imran Khan ended his speech, a large number of people rushed together towards the main gate to leave the venue. Electricity was disconnected and only two gates were allowed to open, which led to the incident.

8 / 40



Photo:<https://mg.co.za/article/2014-11-21-zim-church-stampede-kills-11>

2014-12-31

The Bund
Shanghai, China

The incident centered on a stairway leading up to a viewing platform overlooking the river. Some people were trying to climb to the platform while others were trying to go down, causing panic and confusion. People standing on the steps to the viewing platform began to fall down the stairs, collapsing into each other.

36 / 49

2015-01-01

The Mound
Edinburgh, UK

During Scotland's biggest Hogmanay party.

0 / 123

2015-02-17

Champ de Mars
Port-au-Prince, Haiti

During the traditional Mardi Gras parade, the accident happened after a man was shocked by high-voltage wires.

18 / 78

2015-04-17

Tsunami Club
Santiago, Región Metropolitana, Chile

The pressure from people outside caused a "structure" to fall on people inside the club.

3 / 12



Photo:<http://www.dailymail.co.uk/news/article-3043728/Three-people-crushed-death-crowd-tries-force-way-Chilean-nightclub-watch-British-punk-band-called-Doom.html>

2015-04-30

Wanxiang Mall
Qingdao, shandong, China

The opening of a mall in Qingdao by movie stars Fan Bingbing and Jerry Lee was called off abruptly after casualties were reported amid crowd problems among the 100,000 people flocking into the venue.

0 / Unknown



Photo:<http://darkroom-cdn.s3.amazonaws.com/2015/08/AP-Mideast-Egypt-Soccer-F-2.jpg>

2015-06-05

Street
Berga, Spain

Revelers run away from the 'Guita Gran', big dragon in Catalan, as it emits sparks during the first day of 'La Patum' Festival.

0 / Unknown

2015-06-06

Camp Site(Airfield)
Mendig, Germany

2 huge lightning bolts strike German music festival attended by more than 90,000 rock fans.

0 / 30

2015-06-27

the Formosa Fun Coast water park
Bali, New Taipei, Taiwan, China

The dust explosion occurred on a music stage during a "Color Play Asia" party. The powder was identified, by some sources, as colored corn starch.

15 / 497

2015-07-09

Factory Compound
Mymensingh, Bangladesh

Hundreds of people rushed through a small gate into a factory compound before dawn to get the free garments, causing a crush. During the Muslim holy month of Ramadan, wealthy Bangladeshis often donate clothing to the poor. 1,500 people had gathered outside the chewing tobacco factory at about 04:45 local time.

23 / 50



Photo:<http://www.hurriyetdailynews.com/23-dead-in-bangladesh-charity-handout-stampede-police--85242>

2015-07-14

the Godavari River
Andhra Pradesh, India

The pilgrims had gathered to take a dip in the Godavari river at the start of the Maha Pushkaralu festival.

27 / Unknown



Photo:<http://www.rediff.com/news/report/photos-india-deadliest-stampedes-ever/20150714.htm>

2015-08-10

Baba Baidyanath Mandir
Deoghar, Jharkhand India

At least 11 people have been killed and 20 injured in a stampede near a temple in Jharkhand's Deoghar, a town where similar incidents have taken place in the past.

11 / 20

2015-08-24

Open Space
Satna, India

Some 50,000 devotees made the holy day of Somvati Amavasya by walking or lying down and rolling for 5 kilometers (3 miles) in a wide circle around the spot where the Hindu god Ram is believed to have spent time during his 14 years in exile. During the procession, a live electrical wire shocked one woman and set off a panic, triggering the stampede.

10 / 12

2015-09-24

Jamarat
Mina Valley, Saudi Arabia

An overcrowding incident during the Hajj pilgrimage. Due to ongoing construction work at the main Masjid Al-Haraam.

2262 / 934+



Photo:<https://www.indiatoday.in/india/east/story/dussehra-celebrations-patna-stampede-gandhi-maidan-208544-2014-10-03>

2015-10-14

the local university

Bydgoszcz, Poland

During a party at the local university, people were smoking, between two neighbouring lecture halls.

1 / 11

2015-10-18

Temple
New Delhi, India

Thousands jostled to see the 88-feet tall idol at Deshapriya park, at the heart of the city.

0 / 11

2015-10-22

Omnisport Stadium
Bepanda, Zimbabwe

Result of thieves who attacked participants who spent the night in the stadium preparing for next morning.

1 / 10

2015-10-25

School
Taloqan, Afghanistan

A crush on the stairway while trying to escape their school building during a major earthquake.

15 / 42

2015-10-30

Colectiv nightclub
Bucharest, Romania

Consisting of sparkler firework candles, ignited the club's flammable polyurethane acoustic foam, and the fire spread rapidly.

64 / 147

2015-11-15

+1 Club
Paceville, Malta

74 people were injured, 2 critically, when a glass stairwell railing collapsed during a stampede out of the +1 Club in Paceville, Malta. when a glass stairwell railing collapsed during a stampede out of the +1 Club.

0 / 74



Photo:<https://www.timesofmalta.com/articles/view/20151116/local/new-dramatic-video-of-paceville-crush.592399>

2015-12-25

Freedom Square
Rumbek, South Sudan

During Christmas celebration, the member of the organized forces used his gun to shoot in the air in a bid to separate a fight between 2 people sparking the stampede.

0 / 7

2016-07-14

Promenade des Anglais
Nice, France

A 19 tonne cargo truck was deliberately driven into crowds of people celebrating Bastille Day on the Promenade des Anglais in Nice, France.

86 / 434

2016-10-02

Open space
Bishoftu, Ethiopia

During the annual thanksgiving festival of the Oromo people after police confronted protesters during the Ethiopian protests, resulting in a human stampede.

678 / Unknown

2016-10-15

Bridge
Lucknow, Uttar Pradesh, India

People tried to cross a crowded bridge to reach the venue of a Hindu religious ceremony.

24 / 60

2016-11-04

Shree Jagannath temple
Puri, Odisha, India

Devotees were killed in a stampede inside the Shree Jagannath temple in front of the Pandadwara while the mangala alati of the Lords was on.

6 / 18

2016-12-12

Synagogue Church
Ikotun, Lagos, Nigeria

The crowd surged forward to see the church's General Overseer, Prophet Temitope Joshua, during a special healing service.

3 / 0

2017-02-10

Stadium
Uige, Angola

Ahead of the opening match of the new Angola Football season while people were trying to enter the stadium before a match between Santa Rita de Cássia FC and Recreativo do Libolo. Many of the dead were trampled to death or suffocated.

17 / 61+



Photo:<http://fcnaija.com/football-stadium-stampede-kills-17-people-in-angola>

2017-03-06

Olympic Youth Development Centre
Lusaka, Zambia

A stampede over food aid, held by a church group. People forced their way into the Olympic Youth Developme.

8 / 28

2017-05-28

Estadio Tiburcio Carías Andino
Tegucigalpa, Honduras

A stadium crush ahead of a play-off final while people were trying to enter the over-full stadium before a match between Motagua and Honduras Progreso.

4 / 25

2017-06-03

Square (Piazza San Carlo)
Turin, Italy

Panic emerged after a robbery attempt during a screening of the UEFA Champions League Final in Turin, Italy between Torinese club Juventus and Real Madrid. During the panic, a railing of stairs leading to an underground parking garage gave way, causing additional injurie..

1 / 1526



Photo:<https://www.bbc.com/news/world-europe-40147813>

2017-07-06

the Bingu National Stadium
Lilongwe, Malawi

During the nation's independence day celebrations while people were trying to enter the stadium before a match between Nyasa Big Bullets and Silver Strikers.

8 / 40

2017-07-15

Demba Diop stadium
Dakar, Senegal

A wall collapsed as police fired tear gas at both sets of fans after a League Cup final game between US Ouakam and Stade de Mbour.

8 / 60

2017-07-29

FNB stadium
Johannesburg, South Africa

while people were trying to enter the FNB Stadium before a match between Kaizer Chiefs and Orlando Pirates, disruption caused by people trying to sell or present fake tickets at a stadium gate.

2 / 17

2017-09-29

Prabhadevi Railway Station (formerly known as Elphinstone station)
Mumbai, India

The incident took place between the Parel railway station and Prabhadevi railway station, caused by the overcrowding of Pedestrian foot over bridge.

23 / 50

2017-09-30

Stade de la Licorne
Amiens, France

During a match involving home team Amiens SC against Lille OSC at the Stade de la Licorne. The incident occurred around a section housing the away Lille OSC fans.

0 / 25

2017-10-08

Godswill Akpabio International Stadium
Uyo, Nigeria

The incident occurred while Football enthusiasts tried to enter the stadium. The stampede occured as the crowd tried to avoid the soldiers' sticks. The bloodstains were around the gate of the stadium.

5 / Unknown

2017-11-20

Souk Hebdomadaire
Sidi Boulaalam, Morocco

People broke down the barriers barriers during a food-aid distribution.

15 / 40



Photo:<https://www.liberationnews.org/tragedy-continues-to-hit-the-poor-and-hungry-in-morocco/>

2017-12-18

Kisholoy Community Center
Chittagong, Bangladesh

Tens of thousands of people gathered for a funeral feast. Police use of baton, overcrowding and construction at the gathering site could be the cause of the tragedy.

10 / 50



Photo:<https://www.thehindu.com/news/international/at-least-10-dead-in-stampede-in-bangladesh/article21833888.ece>

2017-12-30

Wolverhampton Grand Theatre
Lorne, Australia

As fans rushing to see a headline act triggered a stampede at the theatre stage of the Lorne Falls Festival. Worksafe has blamed bottle-necks at exits and unstable ground.

0 / 60

2018-01-10

Dehri police station(Bihar Military Police)
Bihar, India

As soon as the gates were opened, the crowd tried to rush inside resulting some youths fell down. Even though the entry time was till 7am, youths tried to enter as soon as possible for securing in the initial batches.

0 / 27+

1 / 4

2018-01-22

Border Crossing
Melilla, Spain

The stampede took place at the Barrio Chino border post, which is reserved for pedestrians who carry merchandise across the border on foot.

1 / 11

2018-04-22

Stadium Issoufou Joseph CONOMBO
Ouagadougou, Burkina Faso

The stampede occurred at the end of the religious sermon when the crowd rushed through a small entrance, ignoring the two bigger ones.

6 / Unknown

2018-06-16

Venezuela nightclub
Caracas, Venezuela

At least 11 victims died of asphyxiation, according to an initial report by the National Police obtained by CNN. Five others were injured, including two who were underage, authorities said.

11 / 5

2018-07-04

Subway Station
Taipei, Taiwan, China

The stampede occurred when some one screamed because a mouse occured, 700 passengers were in panic and started to push each other.

0 / 2

2018-07-11

Street
Nice, France



More than two dozen football fans were hurt in a stampede when revellers let off firecrackers moments before the final whistle of France's 1-0 World Cup semifinal win over Belgium, a local official said.

0 / 27+

**Similar tragedies had been occurred
many times before.**

**I do really hope these pages will
not continue.**

Supervisor - Paolo Ciuccarelli

He Xue - 895545