Disaster Recovery Information Exchange

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Vito Mangialardi AFBCI, CBCP, PMP

Lately there has been a lot of chatter on various Business Continuity Planning forums about businesses being prepared for periods of social and political unrest, spawning the idea for this article. A case in point is from LinkedIn; a highlight from Peter Monaghan posting from Breakthru Beverage Group in the US who caught my interest by writing: "The new presidential administration has sent shockwaves to all corners of the country in the span of one week. What exactly does this mean? How does this affect our business and operations? What will this do to our communications, supply chain, workforce, utilities, and so on?" All good questions echoed by Business Continuity practitioners everywhere who are monitoring risk and threat events.

North of the border in January thousands of Canadians, many wearing identifiable pink hats, assembled in major cities across the country to lend their moral support to the American Women's March

on Washington. They appeared in mass to show support for all women's rights and human rights days after the presidential inauguration. The large US Women's Marches, gathering for the same reasons in many cities, were peaceful. An estimated 4.5 million marchers made their presence known with no arrests reported anywhere, including at the largest ones in Los Angeles and Washington.

Regrettably in recent weeks, post-inauguration, some civil disturbances did occur. By definition (FEMA), a civil disturbance is "a civil unrest activity such as a demonstration, riot, or strike that disrupts a community and requires intervention to maintain public safety." Civil disturbances, or unrest, can cause a variety of consequential issues, such as violence and assault, disorderly conduct, or vandalism. On inauguration day protesters took to the streets of D.C., clashing at times with law enforcement and counter-protesters.



Civil Disturbances are unpredictable events that can erupt spontaneously, including often at sporting events. Examples include the 1994 and 2011 Vancouver hockey riots that broke out immediately after the conclusion of the Stanley Cup finals won by the Canucks' opponents. On both occasions many were reported injured, some wounded by stabbings, with hundreds arrested.

Regardless of what can trigger civil disturbances, all have the potential to impact businesses and their employees. Perhaps in these times civil disturbances need to be evaluated as an emerging risk/threat that we should be planning for.

My experience learned firsthand with the threat of civil disturbances occurred with the June 2010 G20 political leaders' gathering in Toronto. Having workplace locations and telecom infrastructure facilities within the secure zones, we had to plan for the worst in ensuring the integrity of telecom service for our customers. The G20 protesters started out with peaceful demonstrations and rallies bringing awareness to their agenda. However, they evolved into groups of rioting protesters when others joined the march using "black bloc" tactics, which resulted in vandalism to businesses and 1,000 arrests.

Where to start? The best approach is simple. Learn about your business vulnerabilities and prioritize. Identify your company's critical components, such as facilities,

employees, business processes, IT systems, applications, data, platforms and networks. As with all our planning, understanding which components are most important to your daily operations will help you identify the vulnerabilities in your business processes and any supporting infrastructure. It will also help you assess the impact a disaster, outage or shutdown would have on employees, customers and all stakeholders.

Business Continuity Plans for critical functions, or threat-specific Civil Disturbances Response Plans (and procedures) should be developed if premises are located near city hall, key government buildings, open downtown areas, sporting complexes, historical parade routes, previous protest marches routes and foreign embassies and consulates. These are all risk factors for the probability of civil disturbance threatening your company operations.

Prime consideration must be given to the personal safety and welfare of company personnel, followed by the protection of company assets needed to maintain the integrity of the delivery mechanism to ensure products and services provided reach customers who have paid to receive such deliverables.

Business locations should have emergency supplies and services ready in case of an emergency, including access to contractors needed for quick building repair, or the secure protection of assets now exposed to the elements and the



general public. This should also include the deployment of adequate unarmed guard services during the disturbance at the business location impacted. It's important to remember that if protesters strike your business, you will likely be outnumbered and your attackers may be armed. If you can evacuate, it's usually better to do so. Your business property is not worth your life.

Management and leaders should have contact information for all employees and the ability to ensure two way communications in the event of an emergency. Keep all employees in the affected buildings and those off shift informed on the status of the disturbance, including when it has ended and any restrictions (e.g. cordons, curfews) have been lifted. Protocols should be in place to coordinate all information releases to customers and, if applicable, the general public. The Civil Disturbances Response Plan should have contact information for local law enforcement for obtaining information during an emergency. It helps to establish relationships with law enforcement for periodic site visits to your locations to review the following:

- Protection of company personnel and property
- Security procedures
- Information concerning expected events and/or information, which could indicate the possibility of a civil disturbance
- Plans regarding the location of staging areas, command posts, etc. as may be required by law enforcement organizations within your neighbourhood

Ensure the company has defined Lock Down, Shelter-in-Place and Secure and Hold procedures in case staff are required to remain in the building under such circumstances and know how to react if necessary. Alternatively, utilize evacuation procedures for emergencies requiring everyone to leave. Leverage building coordinators or building (floor) Fire Wardens in the evacuation of staff to designated assembly locations. Such procedures should be exercised quarterly. Staff exiting the building should be advised that under no circumstances should an employee engage or attempt to engage in any activity relevant to the prevention of the disturbance. Again your business property is not worth your life

Where you have critical business functions or critical processes requiring continuous operations, there should be current and exercised business continuity plans in place outlining site arrangements for continuing business from an alternate location. To follow best practices, such plans should be exercised at least annually. Where work is suspended in certain departments and redirected to an alternate location, ensure a clean desk approach is adhered to, with sensitive information placed in locked desks and cabinets before evacuation / departure. Secure the affected premises and draw blinds or drapes to limit visibility from the outside.



After the civil disturbance has ended and it is safe to return to the normal business location (confirmed by a pre-occupancy inspection), ensure follow-up information is collected, such as lessons learned, to address any Civil Disturbances Response Plan shortcomings or items of concern.

Preparing for uncertainty does take time, money and other resources, but is surely preferable to saying: "We could and should have been better prepared." While we cannot predict Civil Disturbances, the best way to prepare a response is to assess the risk to your business and put in place a Civil Disturbances Response Plan and then exercise it to validate it will work when needed.

NEXT DRIE TORONTO SYMPOSIUM



Agenda:

Dr. Blair Feltmate, Head, Intact Centre on Climate Adaptation, U. of Waterloo

"EXTREME WEATHER RISK IN THE ERA OF CLIMATE CHANGE: NOT ADAPTING IS NOT AN OPTION"

Date: Thursday, March 09, 2017

Time: Noon to 4:00 PM

Location: Manulife Conference Centre, 200 Bloor Street East, Toronto

There is no denying that extreme weather events are on the rise – from floods, to droughts, fire, wind and hail. Initially, it was the Property & Casualty insurers that seemed vulnerable to extreme weather impacts, while other business sectors remained immune – this is clearly no longer the case. The presentation will highlight how all industry sectors and municipalities are vulnerable to the "new normal" of extreme weather, and more importantly, what can be done to mitigate risk and maximize opportunity.

Greg Markell, President and CEO, Ridge Canada "Building a Cyber-Resilient Organization: Surviving Cyber & Privacy Related Incidents"

We hope to see you there! http://www.viethconsulting.com/Calendar/moreinfo.php?eventid=42026

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Letter From The Editor March 2017

This year has been marked by many remarkable events both in Canada and internationally. These events span everything from extreme weather, to political opinions being voiced en masse, to threats both silent and noisy. In this issue of the Digest, our contributing writers present their perspective on many of these topics.

Our GTA weather has been erratic, where we've broken records for warm temperatures, while others across the country and globe have not been nearly as fortunate. Extreme weather in all its forms seems to be a daily occurrence, as evidenced by the flooding, storms, hurricanes and temperature extremes. Dr. Blair Feltmate, Head Intact Centre on Climate Adaptation, U of Waterloo, our key note speaker at the March 9th symposium will have a much anticipated address to our membership, faced with planning for weather events which seem to be ever increasing in both volume and intensity.

Storms are not always made of hail and snow. Sometimes public opinion can be equally torrential. As the U.S. Presidential administration changed leadership this year, a series of very peaceful civil demonstrations marked the public's opinion. But public opinion isn't always that civilized. What can you do to prepare if your facilities or organization's HQ is in the direct path of a civil disturbance? Vito Mangialardi's experience gives us all a detailed approach.

Living in Toronto, we rely on the Internet, and computerization in practically every aspect of our lives. As individuals, organizations, utilities and municipalities all place more reliance on the internet, cyber security takes on more importance, as it impacts us all. Some of the statistics in reports like The Cyber Resilient Organization Study in the Digest Shorts will be of interest to anyone who has to plan for the potential of a cyber attack.

As we all navigate our careers and provide our best efforts, Ron Andrews highlights the importance of creating a Learning Plan. His excellent perspective has been honed by experience in the areas of enterprise risk, business continuity and emergency management.

This Digest is a testament to the wealth of knowledge and experience that our membership houses. I encourage every member to contribute articles and share their expertise.

I look forward to hearing from all of you!

Business Continuity Awareness Week (BCAW) 2017

May 15 – May 19



Theme: Cyber Resilience

As you plan your awareness raising activities during BCAW this year, be sure to check out the posters available for easy download on the Business Continuity Institute web site. You will also find other helpful information and material including blogg and cortex as



Learning Advice from a senior business continuity manager

By Ron Andrews

This article was originally published in January on ContinuityCentral.co and is reproduced here with the author's permission.

Do you have a Learning Plan? Do you have a self-directed road map that clearly outlines your learning efforts in support of your career? More specifically, are you taking advantage of the wealth of learning opportunities within your organization that may strengthen your career options?

Too often, as professionals we interpret 'learning' as meaning formal education: degrees, certifications, or attendance at workshops for educational credits. Generally, this is known as formal learning. Risk, emergency management and business continuity professionals understand formal educational requirements all too well.



What about informal learning? How can we leverage our organizational experience more effectively to further both organizational goals and personal career objectives? Informal learning includes, but is not limited to; special assignments, mentoring, networking, role-modeling, coaching agreements, self-directed work, and even volunteering in our communities. Informal learning offers countless possibilities to improve our hard and soft skills – skills that can be readily applied to our roles at work. Platforms for the creation of informal learning already exist within our organizational structures, business processes and the cultural realities of our workplaces. Also, our business,

social and community networks all provide opportunities for informal learning.

A very honest and thorough self-assessment must first occur before you write up your Learning Plan. Ask yourself these questions – what are my values, beliefs and true interests? What are my competencies and skills? Am I engaged, willing and motivated to learn? How do I prefer to learn? Importantly, are my learning goals compatible with my organization and do I have the support of my manager? Have these conversations with your closest colleagues and significant others, all whom know you well and can offer constructive feedback.

After addressing these questions, set realistic development goals and time-based priorities. Ideally, your Learning Plan should document learning activities for one to two years, on average. Our work realities can change quickly and this can affect our learning priorities.

Now you are ready to place your first 'road map' on paper. Develop a straightforward and concisely-worded Learning Plan that outlines: what you want to learn; how you will learn it; the timeframe for your learning objectives; and your measures of learning success. Keep your plan to one page and use bullet points for brevity.

Be sure to incorporate informal learning in your Learning Plan. What your work role entails, how you perform your duties, your managers, peers, workgroups and other organizational resources all come into play when seeking out informal learning opportunities.

Perhaps you wish to develop a competency or skill in a certain area of practice? Maybe you are impressed by a coworker's business acumen or technical expertise? Maybe your role is evolving and you've identified ground-breaking learning opportunities? All of these possibilities can lead to informal learning.

Request a meeting with your manager to discuss your Learning Plan. Your manager can offer constructive

feedback on your learning priorities and may be able to direct you to other activities that support both your learning needs and the goals of your organization. The support of your manager is critical to the success of your Learning Plan. In fact, the support of all organizational leadership is critical to creating a cultural landscape that welcomes Learning Plans and the creation of informal learning opportunities.

Now, more than ever, we live in a globalized world of constant change, disruptive innovation and an evolving risk landscape. In our organizations, we're experiencing the demographic shift, continual succession planning and the need for effective knowledge transfer — with limited staff development budgets. We need the right tools to navigate this reality effectively and meet the expectations of our stakeholders.

Start with a Learning Plan and seek out cost-effective informal learning opportunities that can create organizational capacity to meet these evolving challenges. You won't be disappointed.

About the author: Ron Andrews, BA BSW HRM CIM MPA MBA ABCP, (and DRIE Central member) serves as the Senior Business Continuity Manager with the Government of Manitoba. Ron has 32 years of front line, managerial and corporate experience in the areas of enterprise risk, business continuity, safety and health, social services and emergency management. Ron holds graduate and professional degrees and certifications and regularly offers BCM workshops, training seminars and presentations to staff, students and conference attendees. Ron actively promotes the development of organizational learning cultures and works occasionally as a university instructor and practicum advisor. Contact Ron at Ron.Andrews@gov.mb.ca



2016: From terrible typhoons to thunderstorm asthma: A year of wild weather

A late March ice storm in Ontario and the aftermath of Hurricane Andrew in October were significant events. But the wildest day in our weather last year may have been a 24 hour period across the prairies. Manitoba, Saskatchewan and Alberta were simultaneously struck with weather ranging from tornadoes to hailstorms.







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HURRICANE MATTHEW

Between late September and early October Hurricane Matthew crossed the Caribbean, South America and parts of the US. Wind speeds reached a staggering 260 km/h and it was the first Category 5 hurricane since 2007. Millions were evacuated across the hemisphere and more than 900 people are believed to have died because of the storm. Most of those were in long suffering Haiti. The storm caused well over \$10 billion in damage. The Canadian Maritimes were also battered with heavy rains and flooding as Matthew finally weakened in October.



EUROPEAN FLOODS

Between May and June of 2016, days of heavy rain caused rivers to overflow in France, Belgium, the Netherlands, Germany and Austria. Some landmarks were threatened by floodwaters. In Paris the Seine rose nearly 4.5 metres above average, threatening priceless artwork at The Louvre and reaching its highest level in almost 35 years. At least 18 people are believed to have died in a natural disaster that caused billions of Euros of damage.

THUNDERSTORM ASTHMA?

In November at least 6 died following a freak storm in Melbourne, Australia. Following an intense thunderstorm, rain-soaked ryegrass exploded pollen into the air. Hundreds of people were hospitalized after suffering asthma attacks as tiny pollen particles worked their way deep into their lungs. About a third of people who suffered asthma attacks after the storm had never experienced symptoms of the respiratory condition before. This, however, was not the first time "thunderstorm asthma" struck the city, with at least three other incidents occurring over the past three decades.



TYPHOON TROUBLE

Out of a dozen storms that battered Asia during the 2016 Pacific typhoon season, Lionrock and Meranti were the worst in terms of damage and loss of life. Lionrock struck East Asia, causing extensive damage in Japan and North Korea. Hundreds were killed as a result of the storm, mostly from horrendous flooding in North Korea. If Lionrock was the deadliest typhoon of the year, Meranti was both the strongest and costliest. The storm reached wind speeds as high as 305 km/h and caused more than \$2.5 billion in damage as it hammered the Philippines, Taiwan and China. More than two dozen people were killed by the storm.



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February 7, 2017 – FOR IMMEDIATE RELEASE

Event Press Release

NEW: International Business Continuity Management conference to be hosted in Toronto

Toronto, ON - Diversified Communications Canada (DCC), a market leader in business events and online learning, is pleased to announce a partnership with the Business Continuity Institute (BCI), the Disaster Recovery Institute of Canada (DRIC), and the Disaster Recovery Information Exchange-Toronto Chapter (DRIE-Toronto), to produce a new *International Business Continuity Management* conference, that will serve the needs of continuity management professionals, to be delivered in Toronto, Canada, in the Spring of 2018.

In addition Diversified, in collaboration with BCI, DRIC and DRIE-Toronto, will deliver a *Continuity Management Symposium*, Sheraton Centre Hotel, Toronto, on Thursday June 22, 2017.

The World Conference on Disaster Management (WCDM), one of DCC's long standing franchises, has been a leading conference for the disaster management community, providing a unique combination of business continuity (BC) and emergency management education. "The new continuity management conference is a natural shift for WCDM to better educate and address the current global threats, risks, and opportunities we all face," said Joe Ozorio, DRIE-Toronto President.

"We look forward to supporting the sharing of lessons from resilient organizations around the world," said Christopher Horne, BCI Canada Chapter President. "In particular through the networking and insights offered from experienced planners to help attendees further strengthen and prepare their organizations to respond to the unexpected."

"The new conference will be relevant to both business continuity professionals and a wider audience of those working in public safety," said Brock Holowachuk, DRI Canada President, "I'm confident that the partners DCC has engaged will allow us to meet the changing needs of the continuity management community, and exceed the expectations of delegates."

Peter Power FBCI, Chair of WCDM, said, "this will be a much needed highly focused event, linked to WCDM, and specifically aimed at delivering leading edge and cost effective ideas on such a vital topic".

"Having all three BC associations in Canada collaborate towards the same goal of meeting the primary educational needs of the continuity management professional is a first in Canada", said Dan Joyce, VP Business Development, DCC, "the new conference will also include webinars, workshops, and online training."

Details on the *Continuity Management Symposium*, as well as dates and location for the 2018 conference, will be announced by DCC in the very near future.

Media Contact: Dan Joyce, VP Business Development, DCC, djoyce@divcomevents.com, P: (289) 789-2229

About diversified Communications Canada (www.divcomevents.com)

Diversified Communications Canada is part of a growing, highly successful international exhibition, conference and media group, with its global head office in Portland, Maine. The Canadian division was launched in 2002 and our organization produces approximately 50 events per year in the project management, business analysis, disaster management, IT and medical markets.

Shorts

Selections from the BCI News Desk, latest research, media and other sources





7 in 10 CEOs, CFOs or COOs feel their organization is very prepared to recover from a disaster, according to a study by Evolve IP, but less than half of IT pros (44.5%) are as confident. DR compliance was a clear driver of confidence in the ability to recover IT. 67% of respondents in banking, 58% in government sector and 55% at tech companies feel very prepared. Of these, DR compliance was noted as a requirement by 97%, 73.5% and 71% respectively.



Two thirds of organizations aren't prepared to recover from a cyber-attack, according to a new study by the Ponemon Institute on behalf of Resilient (an IBM Company), and only a third of organizations feel they have a high level of cyber resilience. The <u>Cyber Resilient Organization Study</u> found 75% of respondents admit they do not have a formal cyber security incident response plan (CSIRP) applied consistently across the organization. Of those with a CSIRP, 52% have either not reviewed or updated the plan since it was put in place, or have no plan to do so. Additionally, 41% say the time to resolve a cyber incident has increased in the past 12 months, compared to only 31% who say it has decreased.



Despite perception that hackers are an organization's biggest cyber threat, **insiders, including careless or naive employees, are now viewed as an equally important problem**, according to new research conducted by Dimensional Research on behalf of Preempt. The Growing Threat from Insiders Report found that 49% of IT security professionals surveyed were more concerned about internal than external threats, with the majority (87%) most concerned about naive individuals or employees who bend the rules to get their job done. Only 13% were more concerned about malicious insiders who intend to do harm.



At the DRJ Fall World Conference in September 2016, the Business Continuity Institute's US Chapter and the US 20 / 20 Group had the opportunity to organize and participate in the DRJ Advanced Track, specifically designed for the most seasoned attendees. The session was largely focussed on the changing face of the professional in the business continuity industry. In the context of an ever-increasing focus on resilience and the engagement of multiple disciplines, what is the business continuity professional's role? Do they take overall ownership for the response, recovery and resumption, coordinating the activities of others? Are they a facilitator, ensuring that the right people take the lead? Or are they simply a participant, bringing their business continuity skills with them, but taking their lead from someone else?

From the discussion, a new paper was published suggesting three major points that underscore the need to reposition the business continuity professional in the future:

- Threats are real and expanding, leading to increased business risk.
- These changes are leading to changes in our profession.
- Success will be based on knowledge of the organization and its environment, including customers and their expectations.

Download your free copy of The Changing Face of the Business Continuity Professional today in order to develop your understanding of the future of the profession.



Scholarship Program at The Disaster Recovery

Information Exchange (DRIE)

The Disaster Recovery Information Exchange (DRIE) Scholarship program is extended to all active students from Canadian institutions who are working towards a degree or a certificate program in Business Continuity, Emergency Management or Public Safety. As students across Canada continue to invest in their education, many are taking the time to invest in their communities as well. In recognition of the growing number of Canadian students showing a passion to lead and inspire positive change in their community, DRIE is proud to announce its 2017 Scholarship program. There will be a maximum of two \$1000 scholarships awarded to two lucky recipients at this year.

The Disaster Recovery Information Exchange (DRIE) is a non-profit association of professionals dedicated to the exchange of information on all aspects of planning for an emergency or a disruption to normal operations. DRIE's goal is to provide an accessible, informal, open forum for the exchange of information and knowledge related to the many variations of emergency preparedness.

The selection process will be conducted by the 2017 Scholarship Selection Committee of DRIE-Toronto.

The DRIE Scholarship requirements for applicants are enlisted below:

Certificate of enrollment from a Canadian College or University in a field of study including: Business Continuity, Emergency Management or Public Safety.

2 Statement of academic standing.

Endorsed statement of community and/or work involvement within the Business Continuity, Emergency Management, or Public Safety industries.

Two written references

Signed consent that DRIE may share information and images about the grant presentation.

Submission of a signed application form and supporting information to be received no later than May 5th, 2017. Incomplete or late submissions will not be considered.

Please submit all materials by e-mail only to the DRIE Toronto Education Director at: education@toronto.drie.org

Seeta M, Mohan, Education Director, DRIE Toronto Chapter ■

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DRIE DIGEST RETEROSPECTIVE

5 Years ago in the Digest...Volume 21, Issue 1, March 2012:

- The cover displayed one of Kevin Andries' finest BCAW poster creations
- The Editor's note reflected on the importance of time, in many different ways, in our lives and in our business continuity work
- 2011 DRIE scholarship winner Christina Franklin wrote an article about her education and career experiences and progress
- Real Event Log highlights included flooding in the Philippines over Christmas, the January 13 Costa Concordia disaster, a European deep freeze at the end of January and numerous middle east terror attacks that killed hundreds following the US exit from Iraq

10 Years ago in the Digest...Volume 16, Issue 1, March 2007:

- A Pat McGee article entitled "No Eye Contact? No Influence" graced our front page.
- President Ann Wyganowski introduced the formation of the Toronto Incident Management Exercise committee (TIME), now known as the highly successful GTIME.
- Don Proctor contributed an article about the technology of drying after disasters involving water and moisture damage.
- Sean Doherty wrote a piece on the people dimension in planning
- Numerous severe weather problems were in the Real Event Log, including the virtual shutdown of London's Heathrow Airport for several days over Christmas due to freezing fog. Other incidents were the January 5th collapse of the BCP Place stadium roof in Vancouver and the January 13th US midwest ice storm that killed 100 across 10 states.

15 Years ago in the Digest...Volume 11, Issue 1, February 2002:

- Tony Coxall previewed June's Expo 2002 a major DRIE event focusing on crisis management.
- The reverberations of 9-11 continued. Rex Pattison contributed an article about the challenges in accounting for all the victims even months later.
- Harry Bell from Canadian Tire contributed an article on High Availability solutions.
- Damon Arber wrote an article reflecting on the gains in professionalism in the BCM industry.
- The Real Event log included the November 12, 2001 air crash in residential Queens N.Y. that killed 265 and the December 22, 2001 interception on board an aircraft in Boston of a would-be suicide bomber with explosives in his shoes.

20 Years ago in the Digest...Volume 6, Issue 1, February 1997:

- Webmaster Wilf Camilleri unveiled a new web page look and a new Disaster Recovery Mailing List – DRIE-L.
- The Disaster Recovery Institute announced the launch of a Canadian CBCP program and also a "train the trainers" initiative for its courses.
- The Editor's note reflected on the 4th anniversary of the first World Trade Center bombing (Feb. 26, 1993) and cautioned against complacency in thinking terrorism would not strike again.
- The Real Event Log included the non-fatal Chunnel fire on November 18, 1996 and a December 30, 1996 terrorist train bombing in India that killed over 300. ■



PHOTO GALLERY



Car bombing in Turkey November 4





Berlin Christmas market truck attack December 19



Real Event Log November and December 2016 and January 2017

Nov 4	Turkey	Car bomb in Diyarbakir aimed at the police kills 8 and injures over 100
Nov 9	US	Protests against the presidential election outcome hit the streets across the country
Nov 14	New Zealand	Earthquake M7.8 kills 2, causes widespread minor damage and frays nerves nationally
Nov 18	Germany	Volkswagen announces 30,000 job cuts as it tries to recover from emissions scandal
Nov 21	Australia	Rare "thunderstorm asthma" sends hundreds to hospital in Melbourne; 4 killed
Nov 24	China	Scaffolding collapse at a Fengcheng construction site kills at least 67 workers
Nov 25	Nova Scotia	Snowstorm and high winds disrupt transportation and knock out power for thousands
Nov 28	Colombia	Brazilian football team plane crashes en route to Medellin, killing 75 of 81 aboard
Nov 29	Tennessee	Man-set wildfire in Great Smoky Mountains NP spreads to Gatlinburg; 13 are killed
Nov 30	Southern US	7 killed in TN, AL, MS and LA as 13 or more tornadoes "drop from the night sky"
Dec 2	California	Devastating fire at a dance party in a converted warehouse in Oakland kills at least 36
Dec 7	Indonesia	Earthquake M6.5 centred in Aceh province kills over 100 and injures hundreds more
Dec 10	Turkey	Twin bombings near an Istanbul soccer stadium targeting policemen kill 38, injure 155
Dec 10	Kenya	Runaway gasoline tanker truck crashes into numerous cars, killing at least 33
Dec 14	Internet	Yahoo discloses unprecedented 3-year-old breach that exposed 1 billion user accounts
Dec 18	Jordan	10 killed, 34 injured when gunmen open fire on tourists in multiple locations in Karak
Dec 19	Germany	Man drives truck into crowded Berlin Christmas market, killing 12, injuring 48
Dec 20	Mexico	Fireworks market in San Pablito destroyed in chain reaction explosions; 32 killed
Dec 25	Russia	Military plane crashes into the Black Sea after take-off from Sochi, killing all 92 aboard
Dec 25	Philippines	Typhoon Nock-Ten leaves 6 dead and 380,000 evacuated across several provinces
Dec 27	S. Korea	Government announces a cull of 26 million poultry in battle against H5N6 avian flu
Dec 31	Turkey	ISIS gunman attacks an Istanbul nightclub, killing 39, injuring at least 70
		2017
Jan 2	Iraq	ISIS suicide truck bomber attacks a Baghdad market, killing at least 36, injuring over 50
Jan 5	Brazil	More than 100 killed in multiple gang-related prison riots in the span of a few days

Jan 2	Iraq	ISIS suicide truck bomber attacks a Baghdad market, killing at least 36, injuring over 50
Jan 5	Brazil	More than 100 killed in multiple gang-related prison riots in the span of a few days
Jan 6	Florida	Man retrieves gun from his luggage at Fort Lauderdale airport; shoots and kills 5
Jan 7	Syria	ISIS Car bombing in a busy market in Azaz near Turkish border kills at least 43
Jan 9	Egypt	Suicide truck bombing of a security checkpoint in el-Arish kills 10 and injures 10
Jan 11	Germany	6 Volkswagen employees charged in emissions scandal; company to pay \$4.3b fine
Jan 15	Kyrgyzstan	Cargo plane crashes into a residential area near Manas airport, killing at least 37
Jan 17	Nigeria	Fighter jets targeting Boko Haram mistakenly bomb refugees, killing at least 52
Jan 18	Italy	Massive avalanche destroys a hotel in the Gran Sasso region, trapping at least 30
Jan 18	Mali	Suicide bomber attacks a camp of would-be stabilizers; killing 50, injuring over 100
Jan 19	Iran	At least 30 firefighters killed while battling a massive high rise blaze in Tehran
Jan 19	India	School bus collides with a truck in Uttar Pradesh, killing 24 children, injuring more
Jan 20	Australia	Man deliberately drives into a pedestrian mall in Melbourne, killing 3, injuring 20
Jan 26	New Brunswick	At least 2 deaths among the impacts of an ice storm that knocks out power for 57,000
Jan 29	Quebec	Gunman kills 6 and wounds 19 more at a Quebec City mosque during evening prayers