



Epidemiology Bureau Department of Health

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Fireworks-Related Injury Surveillance 2019

“OPLAN: Iwas Paputok, Iwas Putol, Community Fireworks Display ang Patok!”

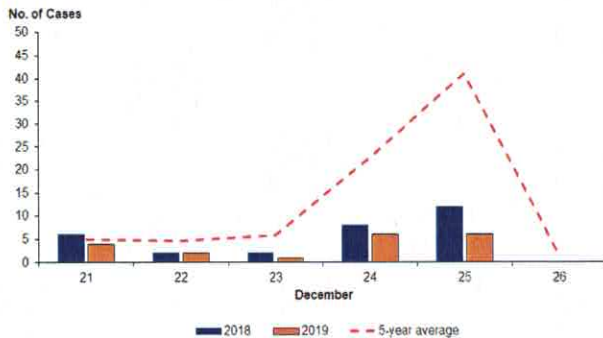
Sentinel Report Number 5

As of 6:00 AM, December 26, 2019

Injury Registry Update of Sentinel Hospitals

There were nine additional cases of fireworks-related injuries reported by the 61 sentinel hospitals. These bring the total to 19 from 6:00 AM of December 21, 2019 to 5:59 AM of December 26, 2019. This is 11 (37%) cases lower compared to 2018 and 61 (76%) cases lower versus the five-year average (2014-2018) [Figure 1].

Figure 1. Fireworks-Related Injuries by Date of Injury (N=19)
As of 6:00 AM, Dec. 26, 2019 vs 2018 vs 5-Year Average (2014-2018)*



*Reports include data from 6:00 AM of Dec. 21 to 5:59 AM of date of reporting
Source: Online National Electronic Injury Surveillance System Data

The 19 cases were injuries due to fireworks. No stray bullet injury or firework ingestion reported. No death reported. Most injuries were reported from the National Capital Region, Region I, and CALABARZON (Table 1).

Table 1. Distribution of Injuries per Region (N=19)
As of 6:00 AM, Dec. 26, 2019

Region	Injuries due to Fireworks	Fireworks Ingestion	Stray Bullet	Total	
				No.	%
I	3	0	0	3	16
II	2	0	0	2	11
III	0	0	0	0	0
CALABARZON	3	0	0	3	16
MIMAROPA	1	0	0	1	5
V	1	0	0	1	5
VI	1	0	0	1	5
VII	2	0	0	2	11
VIII	0	0	0	0	0
IX	0	0	0	0	0
X	0	0	0	0	0
XI	1	0	0	1	5
XII	1	0	0	1	5
BARMM	0	0	0	0	0
CAR	0	0	0	0	0
CARAGA	0	0	0	0	0
NCR	4	0	0	4	21
Total	19	0	0	19	100

A. Injuries due to Fireworks

Fourteen (74%) cases were males. Age ranged from 4-60 years old (Median: 10). Eleven (58%) had blast/burn injuries not requiring amputation, seven (37%) had eye injuries, and one (5%) had blast burn injury requiring amputation.

The case with blast burn injury requiring amputation was a seven-year-old male from General Trias, Cavite. He was an active user injured by an unknown firework on December 24, 2019 at around 9:30 AM and sought consult at UP-PGH at 1:15 PM the same day. He was diagnosed of mangled left hand secondary to blast injury. His left ring and small fingers were amputated. He remains admitted.

Nine (47%) injuries were due to legal fireworks. Table 2 shows the fireworks involved.

Table 2. Top Fireworks Involved (N=19)
As of 6:00 AM, Dec. 26, 2019

Fireworks	No.	Percent
Boga*	4	21
Luces	3	16
5-star*	1	5
Baby Rocket	1	5
Bamboo Canon*	1	5
Fountain	1	5
Kalbuuro	1	5
Kwitis	1	5
Mini Bomb*	1	5
Piccolo*	1	5
Whistle bomb*	1	5
Unknown	3	16

*Illegal or prohibited

B. Fireworks Ingestion

There was no reported case of fireworks ingestion.

C. Stray Bullet Injury

There was no reported case of stray bullet injury.

Status of Reporting Sentinel Hospitals

There were 54 (89%) hospitals with reports submitted (Table 3). Seven sentinel hospitals had cases. Seven (11%) did not submit a report (Table 4).



Source: Bicol Medical Center

“Paputok ay iwasan para ang mga daliri ay mapangalagaan.”

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Table 3. Distribution of Injuries by Sentinel Hospital (N=19)
Fireworks-Related Injury Surveillance, as of 6:00 AM Dec. 26, 2019

Hospital	Injuries due to Fireworks		FW Ingestion		Stray Bullet Injuries		TOTAL	
	No.	%	No.	%	No.	%	No.	%
Amang Rodriguez Medical Center	0	0	0	0	0	0	0	0
Baguio General Hospital and Medical Center	0	0	0	0	0	0	0	0
Batangas Regional Hospital	0	0	0	0	0	0	0	0
Bicol Medical Center	1	5	0	0	0	0	1	5
Bicol Regional Training and Teaching Hospital	0	0	0	0	0	0	0	0
Cagayan Valley Medical Center	1	5	0	0	0	0	1	5
Capitol Medical Center	0	0	0	0	0	0	0	0
Caraga Regional Hospital	0	0	0	0	0	0	0	0
Cardinal Santos Medical Center	0	0	0	0	0	0	0	0
Chinese General Hospital and Medical Center	0	0	0	0	0	0	0	0
Corazon Locsin Montelibano Memorial Regional Hospital	1	5	0	0	0	0	1	5
Cotabato Regional Medical Center	0	0	0	0	0	0	0	0
Davao Regional Medical Center	1	5	0	0	0	0	1	5
Dr. Paulino J Garcia Memorial Research and Medical	0	0	0	0	0	0	0	0
Dr. Victor Potenciano Medical Center	0	0	0	0	0	0	0	0
East Avenue Medical Center	1	5	0	0	0	0	1	5
Eastern Visayas Regional Medical Center	0	0	0	0	0	0	0	0
Far North Luzon Gen Hospital And Training Center	0	0	0	0	0	0	0	0
Gov. Celestino Gallares Memorial Hospital	2	11	0	0	0	0	2	11
Ilocos Training and Regional Medical Center	1	5	0	0	0	0	1	5
Iloilo Mission Hospital	0	0	0	0	0	0	0	0
Jose B. Lingad Memorial General Hospital	0	0	0	0	0	0	0	0
Jose R Reyes Memorial Medical Center	1	5	0	0	0	0	1	5
Las Piñas General Hospital & Satellite Trauma Center	1	5	0	0	0	0	1	5
Lingayen District Hospital	1	5	0	0	0	0	1	5
Makati Medical Center	0	0	0	0	0	0	0	0
Mandaluyong City Medical Center	1	5	0	0	0	0	1	5
Manila Doctors Hospital	0	0	0	0	0	0	0	0
Manila East Medical Center	0	0	0	0	0	0	0	0
Mariano Marcos Memorial Medical Hospital	0	0	0	0	0	0	0	0
MCU-FDT Medical Foundation Hospital	0	0	0	0	0	0	0	0
Medical Center Parañaque, Incorporated	0	0	0	0	0	0	0	0
National Children's Hospital	0	0	0	0	0	0	0	0
Northern Mindanao Medical Center	0	0	0	0	0	0	0	0
Ospital ng Maynila Medical Center	0	0	0	0	0	0	0	0
Ospital ng Palawan	1	5	0	0	0	0	1	5
Ospital ng Tondo	0	0	0	0	0	0	0	0
Philippine Children's Medical Center	0	0	0	0	0	0	0	0
Philippine Orthopedic Center	0	0	0	0	0	0	0	0
Quezon City General Hospital	0	0	0	0	0	0	0	0
Quirino Memorial Medical Center	0	0	0	0	0	0	0	0
Region 1 Medical Center	1	5	0	0	0	0	1	5
Region 2 Trauma and Medical Center	0	0	0	0	0	0	0	0
Rizal Medical Center	0	0	0	0	0	0	0	0
San Juan De Dios Educational Foundation, Inc.	0	0	0	0	0	0	0	0
South Cotabato Provincial Hospital	0	0	0	0	0	0	0	0
Southern Isabela Medical Center	1	5	0	0	0	0	1	5
Southern Philippines Medical Center	0	0	0	0	0	0	0	0
St Luke's Medical Center	0	0	0	0	0	0	0	0
St. Elizabeth Hospital, Inc.	1	5	0	0	0	0	1	5
Sulu Provincial Hospital	0	0	0	0	0	0	0	0
The Medical City	0	0	0	0	0	0	0	0
Tondo Medical Center	0	0	0	0	0	0	0	0
University of Perpetual Help Dalta Medical Center	0	0	0	0	0	0	0	0
University of Santo Tomas Hospital	0	0	0	0	0	0	0	0
UP-Philippine General Hospital	3	16	0	0	0	0	3	16
Valenzuela Medical Center	0	0	0	0	0	0	0	0
Vicente Sotto Memorial Medical Center	0	0	0	0	0	0	0	0
Western Visayas Medical Center	0	0	0	0	0	0	0	0
Western Visayas Sanitarium	0	0	0	0	0	0	0	0
Zamboanga City Medical Center	0	0	0	0	0	0	0	0
Total	19	100	0	0	0	0	19	100

Disclaimer: Figures from the previous reports may differ due to late reports submitted and further verification.
Some of the percentages may not add up to 100 due to rounding off of numbers.

Table 4. Status of Reporting and Monitoring by Region (N=61)
As of 6:00 AM December 26, 2019

Region	Name of Hospital	Submitted report?
I	Ilocos Training and Regional Medical Center	Yes
	Mariano Marcos Memorial Hospital and Medical Center	Yes
	Lingayen District Hospital	Yes
	Region 1 Medical Center	No
II	Cagayan Valley Medical Center	Yes
	Region 2 Trauma and Medical Center*	Yes
	Southern Isabela Medical Center	Yes
III	Dr. Paulino J. Garcia Memorial Research and Medical Center	Yes
	Jose B. Lingad Memorial General Hospital*	Yes
CALABARZON	Batangas Medical Center*	Yes
	Manila East Medical Center	Yes
MIMAROPA	Ospital ng Palawan	Yes
V	Bicol Medical Center	Yes
	Bicol Regional Training and Teaching Hospital	No
VI	Corazon Locsin Montelibano Memorial Regional Hospital	Yes
	Iloilo Mission Hospital*	Yes
	Western Visayas Medical Center	Yes
	Western Visayas Sanitarium*	Yes
VII	Gov. Celestino Gallares Memorial Hospital	Yes
	Vicente Sotto Memorial Medical Center	No
VIII	Eastern Visayas Regional Medical Center	No
IX	Zamboanga City Medical Center*	Yes
X	Northern Mindanao Medical Center	Yes
XI	Davao Regional Medical Center	No
	Southern Philippines Medical Center*	Yes
XII	Cotabato Regional and Medical Center	Yes
	South Cotabato Provincial Hospital	No
	St. Elizabeth Hospital, Inc.*	Yes
BARMM	Sulu Provincial Hospital	Yes
CAR	Baguio General Hospital and Medical Center	Yes
	Far North Luzon General Hospital and Training Center	Yes
CARAGA	Caraga Regional Hospital	No
NCR	Amang Rodriguez Medical Center	Yes
	Capitol Medical Center*	Yes
	Cardinal Santos Medical Center	Yes
	Chinese General Hospital and Medical Center*	Yes
	Dr. Victor Potenciano Medical Center*	Yes
	East Avenue Medical Center	Yes
	Jose R. Reyes Memorial Medical Center*	Yes
	Las Piñas General Hospital & Satellite Trauma Center*	Yes
	Makati Medical Center	Yes
	Mandaluyong City Medical Center	Yes
	Manila Doctors Hospital	Yes
	MCU-FDT Medical Foundation Hospital	Yes
	Medical Center Parañaque, Incorporated	Yes
	National Children's Hospital	Yes
	Ospital ng Maynila Medical Center*	Yes
	Ospital ng Tondo	Yes
	Philippine Children's Medical Center*	Yes
	Philippine Orthopedic Center	Yes
	Quezon City General Hospital*	Yes
	Quirino Memorial Medical Center	Yes
	Rizal Medical Center*	Yes
	San Juan De Dios Educational Foundation, Inc.*	Yes
	St. Luke's Medical Center*	Yes
	The Medical City	Yes
	Tondo Medical Center	Yes
	University of Perpetual Help Dalta Medical Center	Yes
	University of Santo Tomas Hospital	Yes
	UP-Philippine General Hospital	Yes
	Valenzuela Medical Center	Yes

*Did not submit "no case" report to ONEISS but had zero case upon monitoring by KMITS and RESU staff

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