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**Fireworks-Related Injury Surveillance 2019**

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

Sentinel Report Number 4

As of 6:00 AM, December 25, 2019

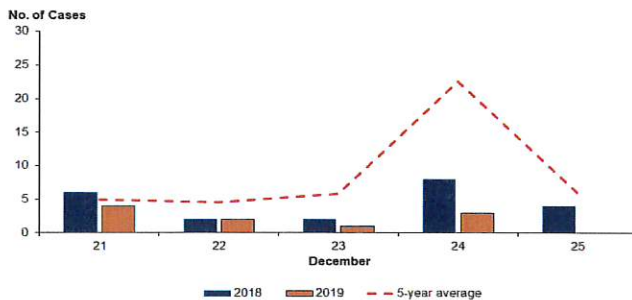
**Injury Registry Update of Sentinel Hospitals**

There were three additional cases of fireworks-related injuries reported by the 61 sentinel hospitals. These bring the total to ten from 6:00 AM of December 21, 2019 to 5:59 AM of December 25, 2019. This is 12 (55%) cases lower compared to 2018 and 34 (77%) cases lower versus the five-year average (2014-2018) [Figure 1].

There were only two injuries which occurred from 6:00 AM of December 24, 2019 to 5:59 AM of December 25, 2019.

**Figure 1. Fireworks-Related Injuries by Date of Injury (N=10)**

As of 6:00 AM, Dec. 25, 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 ten cases were injuries due to fireworks. No stray bullet injury or firework ingestion reported. No death reported. Two cases each were reported from Regions I, CALABARZON, and the National Capital Region (Table 1).

**Table 1. Distribution of Injuries per Region (N=10)**

As of 6:00 AM, Dec. 25, 2019

Region	Injuries due to Fireworks	Fireworks Ingestion	Stray Bullet	Total	
				No.	%
I	2	0	0	2	20
II	1	0	0	1	10
III	0	0	0	0	0
CALABARZON	2	0	0	2	20
MIMAROPA	0	0	0	0	0
V	1	0	0	1	10
VI	1	0	0	1	10
VII	0	0	0	0	0
VIII	0	0	0	0	0
IX	0	0	0	0	0
X	0	0	0	0	0
XI	0	0	0	0	0
XII	1	0	0	1	10
BARMM	0	0	0	0	0
CAR	0	0	0	0	0
CARAGA	0	0	0	0	0
NCR	2	0	0	2	20
<b>Total</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>100</b>

**A. Injuries due to Fireworks**

Seven (70%) cases were males. Age ranged from 4-60 years old (Median: 10). Six (60%) had blast/burn injuries not requiring amputation and four (40%) had eye injuries. Five cases used fireworks at home which is 50% lower than the 2018 cases and 71% lower from the five-year average (2014-2018) when compared to the same time period.

Five (50%) cases were active users of firework. This is 11 (69%) cases lower than 2018 cases and 30 cases or 86% lower than five-year average (2014-2018) during the same time period.

Four (40%) were due to illegal fireworks, which is two (33%) cases lower than the 2018 reported injuries and 43% lower from the five-year average (2014-2018) during the same time period. Three injuries were due to the use of Boga, an illegal firework (Table 2).

**Table 2. Fireworks Involved (N=10)**

As of 6:00 AM, Dec. 25, 2019

Fireworks	No.	Percent
Boga*	3	30
Baby rocket	1	10
Fountain	1	10
Kalbuuro	1	10
Kwitis	1	10
Luces	1	10
Mini bomb*	1	10
Unknown	1	10

\*Illegal or prohibited

**B. Fireworks Ingestion**

There was no reported case of fireworks ingestion.

**C. Stray Bullet Injury**

There was no reported stray bullet injury.

**Status of Reporting Sentinel Hospitals**

There were 51 (84%) hospitals with reports submitted (Table 3). Three sentinel hospitals had cases. Ten (16%) did not submit a report (Table 4).



Photo of kalbuuro, a fruit ripening agent used as improvised firework.

*“Pangalagaan ang katawan, paglikha ng sariling paputok ay tigilan!”*

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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 3. Distribution of Injuries by Sentinel Hospital (N=10)**  
*Fireworks-Related Injury Surveillance, as of 6:00 AM Dec. 25, 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 Medical Center	0	0	0	0	0	0	0	0
Bicol Medical Center	1	10	0	0	0	0	1	10
Bicol Regional Training And Teaching Hospital	0	0	0	0	0	0	0	0
Cagayan Valley Medical Center	0	0	0	0	0	0	0	0
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	10	0	0	0	0	1	10
Cotabato Regional And Medical Center	0	0	0	0	0	0	0	0
Davao Regional Medical Center	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0
Ilocos Training And Regional Medical Center	1	10	0	0	0	0	1	10
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	10	0	0	0	0	1	10
Las Piñas General Hospital & Satellite Trauma Center	1	10	0	0	0	0	1	10
Lingayen District Hospital	0	0	0	0	0	0	0	0
Makati Medical Center	0	0	0	0	0	0	0	0
Mandaluyong City Medical Center	0	0	0	0	0	0	0	0
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 Hospital and Medical Center	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	0	0	0	0	0	0	0	0
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	10	0	0	0	0	1	10
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	10	0	0	0	0	1	10
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	10	0	0	0	0	1	10
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 Delta 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	2	20	0	0	0	0	2	20
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
<b>Total</b>	<b>10</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>100</b>

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**Table 4. Status of Reporting and Monitoring by Region (N=61)**  
As of 6:00 AM December 25, 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	No
	Region 1 Medical Center*	Yes
II	Cagayan Valley Medical Center	Yes
	Region 2 Trauma and Medical Center	No
	Southern Isabela Medical Center	Yes
III	Dr. Paulino J. Garcia Memorial Research and Medical Center	Yes
	Jose B. Lingad Memorial General Hospital	No
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	No
	Iloilo Mission Hospital	Yes
	Western Visayas Medical Center	Yes
	Western Visayas Sanitarium	No
VII	Gov. Celestino Gallares Memorial Hospital	Yes
	Vicente Sotto Memorial Medical Center	Yes
VIII	Eastern Visayas Regional Medical Center	Yes
IX	Zamboanga City Medical Center	No
X	Northern Mindanao Medical Center	No
XI	Davao Regional Medical Center*	Yes
	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 Paranaque, 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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