



**Epidemiology Bureau
Department of Health**

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Fireworks-Related Injury Surveillance 2020

"Iwasan ang Paputok na SKERI, para Bagong Taon ay KERI!"



Sentinel Report Number 15

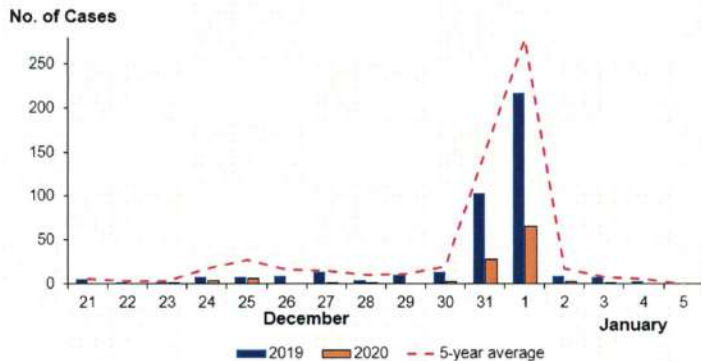
As of 6:00 AM, January 5, 2021

Injury Registry Update of Sentinel Hospitals

There were three additional cases of fireworks-related injuries reported by the sentinel hospitals. These bring the total to 116 cases from 6:00 AM of December 21, 2020 to 5:59 AM of January 5, 2021. This is 295 cases (72%) lower compared to 2019 and 473 cases (80%) lower versus the five-year average (2015-2019), same time period (Figure 1).

Figure 1. Fireworks-Related Injuries by Date of Injury (N=116)

As of 6:00 AM, Jan. 5, 2021 vs 2019 vs 5-Year Average (2015-2019)*



*Reports include data from 6:00 AM of Dec. 21 to 5:59 AM of date of reporting

There were 115 (99%) cases of injuries due to fireworks and one (1%) stray bullet injury. There was no fireworks ingestion injury reported. No death was reported. Most injuries occurred in NCR and Region I (Table 1).

Table 1. Distribution of Injuries per Region (N=113)

As of 6:00 AM, Jan. 5, 2021

Region	Injuries due to Fireworks	Fireworks Ingestion	Stray Bullet Injuries	Total	
				No.	%
NCR	50	0	0	50	43
I	16	0	0	16	14
III	10	0	0	10	9
CALABARZON	8	0	0	8	7
VI	8	0	0	8	0
VII	6	0	0	6	0
XII	6	0	0	6	0
II	3	0	0	3	0
V	3	0	1	4	3
BARMM	3	0	0	3	3
XI	1	0	0	1	1
CAR	1	0	0	1	1
MIMAROPA	0	0	0	0	0
VIII	0	0	0	0	0
IX	0	0	0	0	0
X	0	0	0	0	0
CARAGA	0	0	0	0	0
Total	115	0	1	116	100

A. Injuries due to Fireworks

Eighty-five (74%) cases were males. Ages ranged from 2 to 69 years old (Median: 17). Eighty-one (70%) had blast/burn injury not requiring amputation, 29 (25%) had eye injuries, and eight (7%) had blast/burn injuries involving amputation.

Disclaimer: Figures of succeeding 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.

Seventy-four cases (64%) were passive users. Sixty-one (53%) occurred in the streets. The most affected areas were hands, eyes, and forearms/arms (Table 2).

Table 2. Top Anatomical Sites of Injuries due to Fireworks*

As of 6:00 AM, Jan. 5, 2021

Anatomical Site	No.	Percent
Hand	42	37
Eye	29	25
Forearm/arm	18	16
Legs	14	12
Head	13	11

*Multiple responses

Sixty-four injuries (56%) were due to legal fireworks. The top firework involved was kwitis (Table 3).

Table 3. Top Fireworks Involved

As of 6:00 AM, Jan. 5, 2021

Fireworks	No.	Percent
Kwitis	31	27
Luces*	10	9
Piccolo*	7	6
Fountain	6	5
Others	6	5
Baby Rocket	5	4
Boga*	5	4
Pla-Pla*	4	3
Triangle*	4	3

*Illegal or prohibited

B. Fireworks Ingestion

There was no reported case of firework ingestion.

C. Stray Bullet Injury

There was no additional case and total remains one.

Status of Reporting Sentinel Hospitals

Sixty (98%) sentinel hospitals submitted report (Table 5).



"Sugat na dulot ng paputok ay huwag pabayaang ng Tetano ay maiwasan!"

Image source: Philstar

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Table 4. Distribution of Injuries by Sentinel Hospital (N=116)
As of 6:00 AM January 5, 2021

Hospital	Injuries due to Fireworks		Fireworks Ingestion		Stray Bullet Injury		TOTAL	
	No.	%	No.	%	No.	%	No.	%
Amang Rodriguez Medical Center	5	4	0	0	0	0	5	4
Baguio General Hospital and Medical Center	0	0	0	0	0	0	0	0
Batangas Regional Hospital	2	2	0	0	0	0	2	2
Bicol Medical Center	2	2	0	0	0	0	2	2
Bicol Regional Training and Teaching Hospital	1	1	0	0	1	0	2	2
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	1	1	0	0	0	0	1	1
Corazon Locsin Montelibano Memorial Regional Hospital	4	3	0	0	0	0	4	3
Cotabato Regional and Medical Center	0	0	0	0	0	0	0	0
Davao Regional Medical Center	1	1	0	0	0	0	1	1
Dr. Paulino J. Garcia Memorial Research and Medical Center	5	4	0	0	0	0	5	4
Dr. Victor R. Potenciano Medical Center	0	0	0	0	0	0	0	0
East Avenue Medical Center	6	5	0	0	0	0	6	5
Eastern Visayas Regional Medical Center	0	0	0	0	0	0	0	0
Far North Luzon General Hospital and Training Center	1	1	0	0	0	0	1	1
Gov. Celestino Gallares Memorial Hospital	0	0	0	0	0	0	0	0
Ilocos Training and Regional Medical Center	3	3	0	0	0	0	3	3
Iloilo Mission Hospital	0	0	0	0	0	0	0	0
Jose B. Lingad Memorial General Hospital	3	3	0	0	0	0	3	3
Jose R. Reyes Memorial Medical Center	18	16	0	0	0	0	18	16
Las Piñas General Hospital and Satellite Trauma Center	1	1	0	0	0	0	1	1
Lingayen District Hospital	3	3	0	0	0	0	3	3
Makati Medical Center	1	1	0	0	0	0	1	1
Mandaluyong City Medical Center	0	0	0	0	0	0	0	0
Manila Doctors Hospital	1	1	0	0	0	0	1	1
Manila East Medical Center	0	0	0	0	0	0	0	0
Mariano Marcos Memorial Medical Hospital	2	2	0	0	0	0	2	2
MCU-FDT Medical Foundation Hospital	1	1	0	0	0	0	1	1
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	3	3	0	0	0	0	3	3
Ospital ng Palawan	0	0	0	0	0	0	0	0
Ospital ng Tondo	3	3	0	0	0	0	3	3
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	1	1	0	0	0	0	1	1
Quirino Memorial Medical Center	2	2	0	0	0	0	2	2
Region 1 Medical Center	8	7	0	0	0	0	8	7
Region 2 Trauma and Medical Center	1	1	0	0	0	0	1	1
Rizal Medical Center	2	2	0	0	0	0	2	2
San Juan De Dios Educational Foundation Inc	0	0	0	0	0	0	0	0
South Cotabato Provincial Hospital	6	5	0	0	0	0	6	5
Southern Isabela General Hospital	2	2	0	0	0	0	2	2
Southern Philippines Medical Center	0	0	0	0	0	0	0	0
St Luke's Medical Center	1	1	0	0	0	0	1	1
St. Elizabeth Hospital Inc	0	0	0	0	0	0	0	0
Sulu Provincial Hospital	3	3	0	0	0	0	3	3
The Medical City	1	1	0	0	0	0	1	1
Tondo Medical Center	9	8	0	0	0	0	9	8
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	1	1	0	0	0	0	1	1
Valenzuela Medical Center	1	1	0	0	0	0	1	1
Vicente Sotto Memorial Medical Center	6	5	0	0	0	0	6	5
Western Visayas Medical Center	4	3	0	0	0	0	4	3
Western Visayas Sanitarium	0	0	0	0	0	0	0	0
Zamboanga City Medical Center	0	0	0	0	0	0	0	0
Total	115	100	0	0	1	0	116	100

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Table 5. Status of Reporting and Monitoring by Region (N=60)
As of 6:00 AM, January 5, 2021

Region	Name of Hospital	Submitted report?
I	Ilocos Training and Regional Medical Center	Yes
	Lingayen District Hospital*	Yes
	Mariano Marcos Memorial Hospital and Medical Center*	Yes
	Region 1 Medical Center*	Yes
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	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	Yes
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	Yes
VIII	Eastern Visayas Regional Medical Center*	Yes
IX	Zamboanga City Medical Center	Yes
X	Northern Mindanao Medical Center*	Yes
XI	Davao Regional Medical Center	Yes
	Southern Philippines Medical Center*	Yes
XII	Cotabato Regional and Medical Center*	Yes
	South Cotabato Provincial Hospital	Yes
	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	Yes
NCR	Amang Rodriguez Medical Center	Yes
	Capitol Medical Center	Yes
	Cardinal Santos Medical Center*	Yes
	Chinese General Hospital and Medical Center*	Yes
	Dr. Victor R. Potenciano Medical Center	Yes
	East Avenue Medical Center	Yes
	Jose R. Reyes Memorial Medical Center	Yes
	Las Piñas General Hospital and 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.

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