



WEEKLY EPIDEMIOLOGICAL REPORT

A publication of the Epidemiology Unit
Ministry of Health, Nutrition & Indigenous Medicine

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Road Traffic Accidents Part-ii

This is the last of a series of 2 articles.

⇒ Enforcement of laws that require all car occupants to wear seatbelts, and laws requiring the use of child restraints (e.g. child seats and booster seats).

Countermeasures to alleviate Road Traffic Accidents

- Training -
 - ⇒ Providing real-time and advance traffic information to educate drivers including the targeted age groups.
 - ⇒ Digital games are designed to motivate the targeted drivers for delivering a refresher course on safe driving to both beginners and experienced drivers.
 - ⇒ Educate infants, children, high / junior school students/adults, elderly people on traffic safety.
 - ⇒ Include traffic road safety in the school curriculum.
 - ⇒ To have special driving programs for school leavers.
 - ⇒ Safe driving programs to be conducted for drivers/riders.
- Setting road and safety rules, securing compliance, and improving transport policy -
 - ⇒ Highway traffic law enforcement.
 - ⇒ Use the recommended blood alcohol concentration limit of 0.05g/dL and random breath testing as measures to reduce drunk driving.
 - ⇒ Enforcement of helmet laws that covers both riders and passengers. Increasing the use of helmets that meet a specified standard will reduce fatal and serious head injuries among motorized two-wheeler riders.
- Adequate support services for road traffic victims –
 - ⇒ Measures to reduce excessive speed in urban areas:
 - * Install new technologies in vehicles to help drivers and vehicles to keep speed limits.
 - * Establishing and enforcing speed limit laws.
 - ⇒ Possession of a valid driving license amongst drivers:
 - * Disciplined driving method to be taught, examine driving knowledge, skills, and also the knowledge of rules and regulations, and medical fitness before issuance of driving and riding license.
 - * Identify risk drivers and cancel/ suspend their licenses by the judiciary or by demerits systems by the Controller of Motor Traffic.
 - * Renewal of driving license every three years having rechecked the knowledge on rules and regulations, health, driving skills, and driving records.
 - ⇒ Establishment of a robust vehicle licensing and registration system.
 - ⇒ Enforce the appropriate number of passengers for two and three-wheel vehicles.
 - ⇒ Deterrent punishment for offenders committing fatal grievous and serious accidents.

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- ⇒ Improving trauma care.
- ⇒ Emergency services.
- ⇒ Road user insurance and pay compensation to victims of hit-and-run accidents.
- Inclusive road user policies and integrated land use/transport planning –
- ⇒ The building or modifying roads which calm traffic, building sidewalks, raised crossings, and providing segregated lanes alongside urban roads for two-wheelers. Promoting efficient patterns of land use and providing shorter, safer routes for vulnerable road users can reduce their exposure.
- Funding –
- ⇒ In 2011, a Road Safety Fund (RSF) was established as per Section 213B of the Motor Traffic Act. Around 1% of all the third-party insurance and other grants accrue to it.
- Crash Data Recording and Management by the Police through the University of Moratuwa (supported by the WHO).
- Public transport reform.
- Providing visible, crashworthy, and smart vehicles –
- ⇒ Intelligent speed adaptation, in which the vehicle determines the speed limit for the road with the speed limiting devices on vehicles.
- Road infrastructure defects to be identified and rectified by Road Development Authority, and all other stakeholders.

Road traffic injuries are predictable and preventable. Therefore, with all these interventions we could save hundreds of thousands of lives every year.

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**Table 1 : Water Quality Surveillance
 Number of microbiological water samples January 2021**

District	MOH areas	No: Expected *	No: Received
Colombo	15	90	NR
Gampaha	15	90	NR
Kalutara	12	72	NR
Kalutara NIHS	2	12	NR
Kandy	23	138	NR
Matale	13	78	NR
Nuwara Eliya	13	78	NR
Galle	20	120	NR
Matara	17	102	NR
Hambantota	12	72	NR
Jaffna	12	72	94
Kilinochchi	4	24	31
Manner	5	30	NR
Vavuniya	4	24	NR
Mullatvu	5	30	NR
Batticaloa	14	84	0
Ampara	7	42	NR
Trincomalee	11	66	NR
Kurunegala	29	174	0
Puttalam	13	78	NR
Anuradhapura	19	114	NR
Polonnaruwa	7	42	55
Badulla	16	96	NR
Moneragala	11	66	NR
Rathnapura	18	108	NR
Kegalle	11	66	0
Kalmunai	13	78	NR

* No of samples expected (6 / MOH area / Month)
 NR = Return not received

Table 1: Selected notifiable diseases reported by Medical Officers of Health 06th - 12th Feb 2021 (7th Week)

RDHS	Dengue Fever		Dysentery		Encephaliti		Enteric Fever		Food Poi-		Leptospirosis		Typhus Fe-		Viral Hep-		Human		Chickenpox		Meningitis		Leishmania-		WRCD	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	T*	C**
Colombo	40	195	0	3	0	0	0	0	0	0	2	28	0	0	0	1	0	1	0	3	1	3	0	0	56	95
Gampaha	33	144	1	1	0	1	0	1	0	0	3	7	0	0	0	0	0	0	0	2	0	3	0	1	27	77
Kalutara	25	117	0	2	0	0	0	0	0	0	11	39	0	0	1	1	0	0	4	19	0	0	0	0	29	100
Kandy	12	88	0	2	0	1	0	0	0	0	2	43	0	7	0	1	0	0	0	8	0	3	0	5	59	99
Matale	1	13	1	2	0	1	0	0	0	0	0	9	0	3	0	1	0	0	0	3	0	1	7	39	66	100
NuwaraEliya	0	5	0	0	1	1	0	0	0	0	3	11	1	12	0	0	0	0	0	7	0	0	0	1	34	97
Galle	4	25	0	1	0	1	1	1	0	0	6	99	0	7	0	2	0	0	0	5	2	8	0	1	43	100
Hambantota	8	35	0	2	0	1	0	0	0	1	6	34	2	15	0	4	0	0	6	10	0	6	19	86	74	100
Matarata	8	40	0	0	0	0	0	1	0	0	9	39	0	6	2	2	0	0	3	17	0	0	14	52	34	100
Jaffna	7	53	6	18	0	0	1	7	0	0	0	6	34	253	0	0	0	0	1	7	0	2	0	0	16	88
Kilinochchi	2	15	1	4	0	0	0	0	1	3	2	16	4	26	0	0	0	0	2	4	0	0	0	1	50	100
Mannar	0	7	0	0	0	0	0	2	0	0	2	11	0	1	0	0	0	0	0	0	0	6	0	1	46	80
Vavuniya	4	8	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0	0	2	0	0	0	0	25	100
Mullaitivu	1	3	1	1	0	0	0	0	0	0	1	10	1	3	0	0	0	0	0	1	0	2	0	0	17	100
Batticaloa	318	1724	1	3	0	0	1	1	0	0	2	5	0	0	0	0	0	0	0	2	1	7	0	0	47	100
Ampara	3	5	0	3	0	0	0	1	0	0	2	6	0	0	0	0	0	0	0	14	1	5	0	0	57	100
Trincomalee	13	31	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	7	0	1	0	0	32	98
Kurunegala	9	81	1	1	0	1	0	0	3	7	78	0	6	0	0	2	0	0	2	9	2	41	6	70	43	100
Puttalam	12	64	0	1	0	1	0	0	0	1	7	0	2	6	0	0	1	1	0	3	2	10	0	3	46	96
Anuradhapur	2	16	1	4	0	0	0	0	0	0	22	100	1	15	1	1	0	0	0	6	0	6	14	57	32	95
Polonnaruwa	1	6	1	1	0	0	0	0	0	0	4	31	0	0	1	1	0	0	0	4	0	1	16	72	41	100
Badulla	0	12	0	0	0	0	0	0	0	0	7	46	0	10	0	1	0	0	0	8	1	2	2	7	43	99
Monaragala	1	7	0	2	0	0	0	1	0	0	9	30	0	6	4	8	0	0	1	5	0	7	1	5	3	100
Ratnapura	13	60	2	9	0	0	0	0	1	1	28	143	4	7	0	1	0	1	2	13	1	20	1	17	38	100
Kegalle	7	37	1	2	0	0	0	0	0	0	10	46	0	1	0	0	0	0	2	13	2	5	0	1	34	100
Kalmune	12	53	0	3	0	1	0	1	0	0	4	4	0	0	0	0	0	0	1	1	0	0	0	0	45	100
SRI LANKA	536	2844	17	65	1	9	3	16	2	8	141	854	49	384	9	24	1	3	27	173	13	139	80	419	42	97

Source: Weekly Returns of Communicable Diseases (esurveillance.epid.gov.lk).

*T=Timeliness refers to returns received on or before 12th February, 2021 Total number of reporting units 357 Number of reporting units data provided for the current week: 352 C**=Completeness

Table 2: Vaccine-Preventable Diseases & AFP

06th – 12th Feb 2021 (6th Week)

Disease	No. of Cases by Province									Number of cases during current week in 2021	Number of cases during same week in 2020	Total number of cases to date in 2021	Total number of cases to date in 2020	Difference between the number of cases to date in 2021 & 2020
	W	C	S	N	E	NW	NC	U	Sab					
AFP*	00	01	00	00	00	00	00	00	00	01	02	11	06	83%
Diphtheria	00	00	00	00	00	00	00	00	00	00	00	00	00	0%
Mumps	01	01	02	00	02	00	00	00	00	04	07	13	25	-48%
Measles	00	00	00	00	00	00	00	00	00	00	02	03	06	-50%
Rubella	00	00	00	00	00	00	00	00	00	00	00	00	00	0%
CRS**	00	00	00	00	00	00	00	00	00	00	00	00	00	0%
Tetanus	01	00	00	00	00	00	00	00	00	01	01	01	03	-66%
Neonatal Tetanus	00	00	00	00	00	00	00	00	00	00	00	00	00	0%
Japanese Encephalitis	00	00	00	00	00	00	00	00	00	00	01	00	06	-100%
Whooping Cough	00	00	00	00	00	00	00	00	00	00	00	00	02	-100%
Tuberculosis	62	15	11	02	02	03	11	00	06	112	130	834	863	-3.3%

Key to Table 1 & 2

Provinces: W: Western, C: Central, S: Southern, N: North, E: East, NC: North Central, NW: North Western, U: Uva, Sab: Sabaragamuwa.
RDHS Divisions: CB: Colombo, GM: Gampaha, KL: Kalutara, KD: Kandy, ML: Matale, NE: Nuwara Eliya, GL: Galle, HB: Hambantota, MT: Matara, JF: Jaffna, KN: Killinochchi, MN: Mannar, VA: Vavuniya, MU: Mullaitivu, BT: Batticaloa, AM: Ampara, TR: Trincomalee, KM: Kalmunai, KR: Kurunegala, PU: Puttalam, AP: Anuradhapura, PO: Polonnaruwa, BD: Badulla, MO: Moneragala, RP: Ratnapura, KG: Kegalle.
Data Sources:
Weekly Return of Communicable Diseases: Diphtheria, Measles, Tetanus, Neonatal Tetanus, Whooping Cough, Chickenpox, Meningitis, Mumps., Rubella, CRS,
Special Surveillance: AFP* (Acute Flaccid Paralysis), Japanese Encephalitis
CRS** =Congenital Rubella Syndrome
NA = Not Available

Influenza Surveillance in Sentinel Hospitals - ILI & SARI							
Month	Human				Animal		
	No Total	No Positive	Infl A	Infl B	Pooled samples	Serum Samples	Positives
February							

Source: Medical Research Institute & Veterinary Research Institute

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