

Statistics on Electrical Accidents I

State: Kerala		2018-2019				
		Human		Animals		Total
		Fatal	Non Fatal	Fatal	Non Fatal	
Sl. No.	Installations					
(I)	Installations of supplier of Electricity including SEBs /Licensee /Generating stations/Generating Companies					
	a. Generating station	0	2	0	0	2
	b. Substation	0	1	0	0	1
	c. Transmission Lines	3	9	1	0	13
	d. Distribution lines					
	(i) 33kV	1	4	0	0	5
	(ii) 22 k V	0	0	0	0	0
	(iii) 11 k V	35	53	1	0	89
	(iv) Below 11 k V	69	51	54	0	174
(II)	Industrial Installation of Consumers					
	a. Owned by Government/Semi Govt. Bodies/Local Authorities	1	0	0	0	1
	b. Owned by Private Parties	14	4	2	0	20
(III)	Installations of consumer other than Industrial i.e., Residential/ Agricultural/Commercial					
	a. Owned by Government/Semi Govt. Bodies/Local Authorities	1	1	2	0	4
	b. Owned by Private Companies	10	3	1	0	14
	c. Persons	115	30	17	0	162
*	Total (excluding suicides)	249	158	78	0	485

Reasons for Electrical Accidents

Sl.No.	Reasons	Human		Animals		Total
		Fatal	Non Fatal	Fatal	Non Fatal	
1.	Snapping of conductors	27	13	48	0	88
2.	Accidental contact with live electric wire / Equipment	99	32	10	0	141
3.	Violation /neglect of Safety Measures /Lack of Supervision	38	42	1	0	81
4.	Defective appliances/Apparatus/ Tools	32	11	3	0	46
5.	Inadequate / Lack of Maintenance	4	4	8	0	16
6.	Unauthorized Work	25	20	1	0	46
7.	Any other Reason**	24	36	7	0	67
*8.	Total	249	158	78	0	485

** Temporary Extensions, P&T crossings, Misuse, Etc

*Above Figures indicate the number of Human / animal affected and not number of Accidents

Statistics on Electrical Accidents II

The following data shall be the number of Human /Animal affected and not number of Accidents

Sl.No.	Details	Human	
		Fatal	Non Fatal
1	Electrical Accident occurred to contract Staff	6	31
2	Electrical Accident occurred to K.S.E.B Staff	6	27
3	Electrical Accident occurred to Public	236	100
4	Accident occurred due to the usage of iron rod/iron ladder near electric line	39	14
5	Accident occurred from cable T.V	2	2
6	Accident occurred while using Domestic appliances	25	2
7	Accidents if any from inverter	3	1

No. of Fire Accidents:	256
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Sd/-

Chief Electrical Inspector

Statistics of Electrical Accidents I

		01/04/2019 - 31/03/2020				
Sl. No.	Installations	Human		Animals		Total
		Fatal	Non Fatal	Fatal	Non Fatal	
I	Installations of supplier of Electricity including SEBs /Licensee /Generating stations/Generating Companies					
	a. Generating station	1	0	0	0	1
	b. Substation	0	1	0	0	1
	c. Transmission Lines	3	3	0	0	6
	d. Transmission and Distribution lines					
	(i) 33 kV	1	2	0	0	3
	(ii) 22 k V	0	0	0	0	0
	(iii) 11kV	23	67	2	2	94
	(iv) Below 11 k V	66	50	39	0	155
II	Industrial Installation of Consumers					
	a. Owned by Government/Semi Govt. Bodies/ Local Authorities	0	1	0	0	1
	b. Owned by Private Parties	4	1	1	0	6
III	Installations of consumer other than Industrial i.e., Residential/ Agricultural/Commercial					
	a. Owned by Government/Semi Govt. Bodies/Local Authorities	0	5	5	1	11
	b. Owned by Private Companies	6	0	0	0	6
	c. Persons	118	19	13	0	150
*	Total (excluding suicides)	222	149	60	3	434

Reasons for Electrical Accidents

Sl. No.	Reasons	Human		Animals		Total
		Fatal	Non Fatal	Fatal	Non Fatal	
1.	Snapping of conductors	22	12	33	0	67
2.	Accidental contact with live electric wire/ Equipment	85	64	11	2	162
3.	Violation/neglect of Safety Measures/Lack of Supervision	33	38	0	0	71
4.	Defective appliances/Apparatus/ Tools	33	18	7	1	59
5.	Inadequate/Lack of Maintenance	6	2	4	0	12
6.	Unauthorized Work	20	9	3	0	32
7.	Any other Reason**	23	6	2	0	31
	Total *	222	149	60	3	434

** Temporary Extensions, P&T crossings, Misuse Etc.

* Above Figures indicate the number of Human / animal affected accidents and not the number of accidents

Statistics of Electrical Accidents II

The following data is the number of Human/Animal affected and not the number of Accidents

Sl. No	Details	Human	
		Fatal	Non Fatal
1.	Electrical Accident occurred to contract Staff	6	25
2.	Electrical Accident occurred to K.S.E.B Staff	7	17
3.	Electrical Accident occurred to Public	209	107
4.	Accident occurred due to the usage of iron rod/iron ladder near electric line	14	15
5.	Accident occurred from cable T.V	2	1
6.	Accident occurred while using Domestic appliances	25	2
7.	Accidents if any from inverter	0	2

No. of Fire Accidents	266
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TABLE - 3
Statistics of Electrical Accidents I

		01/04/2020 - 31/03/2021				
Sl. No.	Installations	Human		Animals		Total
		Fatal	Non Fatal	Fatal	Non Fatal	
I	Installations of supplier of Electricity including SEBs /Licensee /Generating stations/Generating Companies					
	a. Generating station	0	0	0	0	0
	b. Substation	0	1	0	0	1
	c. Transmission Lines	1	2	0	0	3
	d. Transmission and Distribution lines					
	(i) 33 kV	1	3	0	0	4
	(ii) 22 k V	0	0	0	0	0
	(iii) 11kV	37	69	5	0	111
	(iv) Below 11 k V	66	64	42	0	172
II	Industrial Installation of Consumers					
	a. Owned by Government/Semi Govt. Bodies/ Local Authorities	0	0	0	0	0

	b. Owned by Private Parties	4	0	1	0	5
III	Installations of consumer other than Industrial i.e., Residential/ Agricultural/Commercial					
	a. Owned by Government/Semi Govt. Bodies/Local Authorities	1	2	0	0	3
	b. Owned by Private Companies	3	1	0	0	4
	c. Persons	129	21	13	0	163
*	Total (excluding suicides)	242	163	61	0	466

Reasons for Electrical Accidents

Sl. No.	Reasons	Human		Animals		Total
		Fatal	Non Fatal	Fatal	Non Fatal	
1.	Snapping of conductors	15	15	33	0	63
2.	Accidental contact with live electric wire/ Equipment	105	61	9	0	175
3.	Violation/neglect of Safety Measures/Lack of Supervision	32	59	1	0	92
4.	Defective appliances/Apparatus/ Tools	25	9	2	0	36
5.	Inadequate/Lack of Maintenance	4	2	3	0	9
6.	Unauthorized Work	27	8	11	0	46
7.	Any other Reason**	34	9	2	0	45
	Total *	242	163	61	0	466

** Temporary Extensions, P&T crossings, Misuse Etc.

* Above Figures indicate the number of Human / animal affected accidents and not the number of accidents.

Statistics of Electrical Accidents II

The following data is the number of Human/Animal affected and not the number of Accidents

Sl. No	Details	Human	
		Fatal	Non Fatal
1.	Electrical Accident occurred to contract Staff	11	40
2.	Electrical Accident occurred to K.S.E.B Staff	5	23
3.	Electrical Accident occurred to Public	226	100

4.	Accident occurred due to the usage of iron rod/iron ladder near electric line	32	26
5.	Accident occurred from cable T.V	1	1
6.	Accident occurred while using Domestic appliances	18	2
7.	Accidents if any from inverter	1	2

No. of Fire Accidents	222
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