

Current State of Affairs of Residential Fires and Electric Shock Injuries in Japan

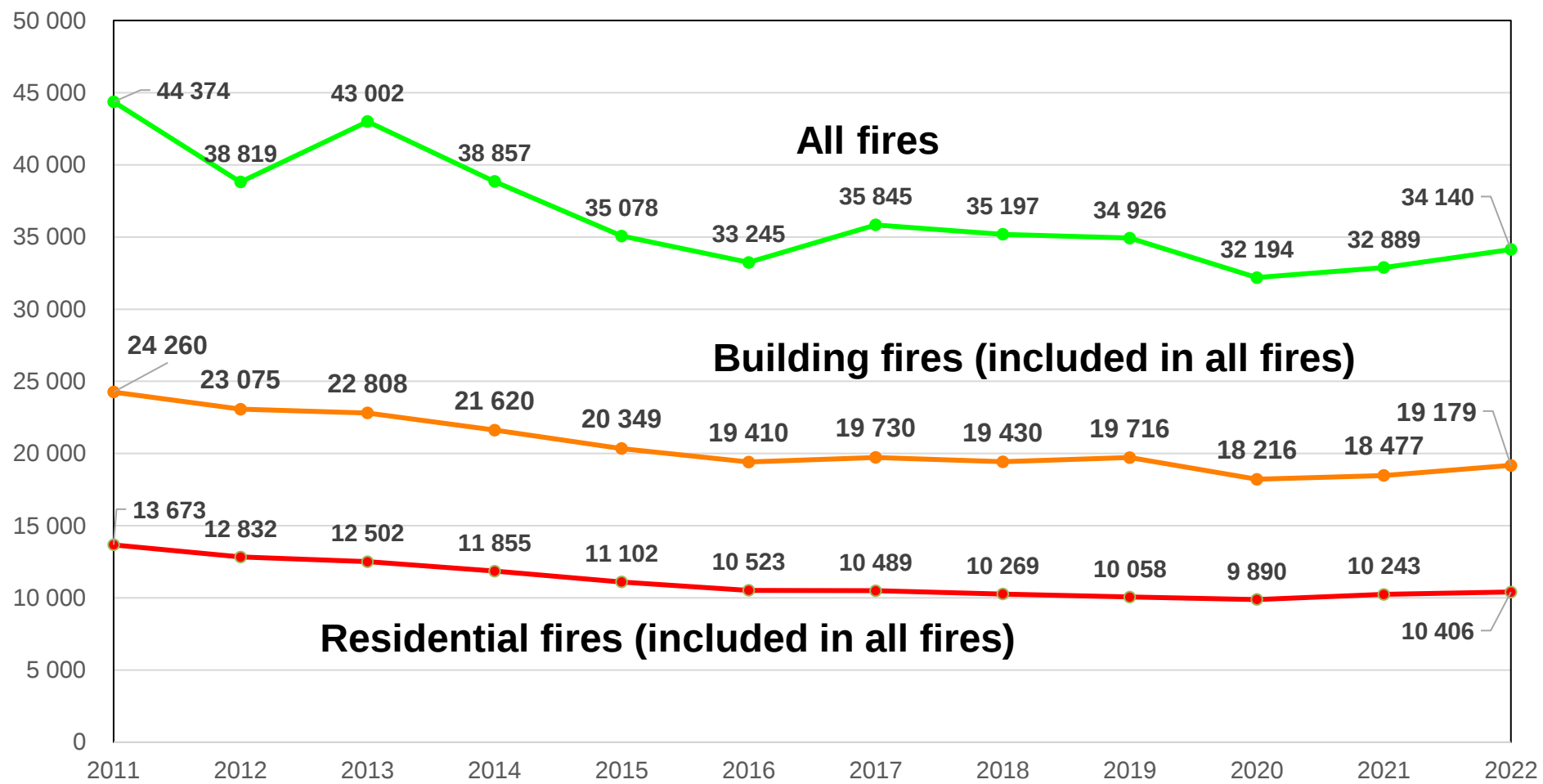
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Introduction

- The number of residential fires in Japan has been on a downward trend in recent years. However, the number of fires caused by electrical equipment or wiring (home appliances, electrical wiring, wiring devices, etc.) is trending upward.
- In 2022, these accounted for 18.7% (1,946 fires) of all residential fires*, making them the leading cause of fire.
* Source: "Fires in 2022 (January-December) (approximate number)," Fire and Disaster Management Agency, Ministry of Internal Affairs and Communications



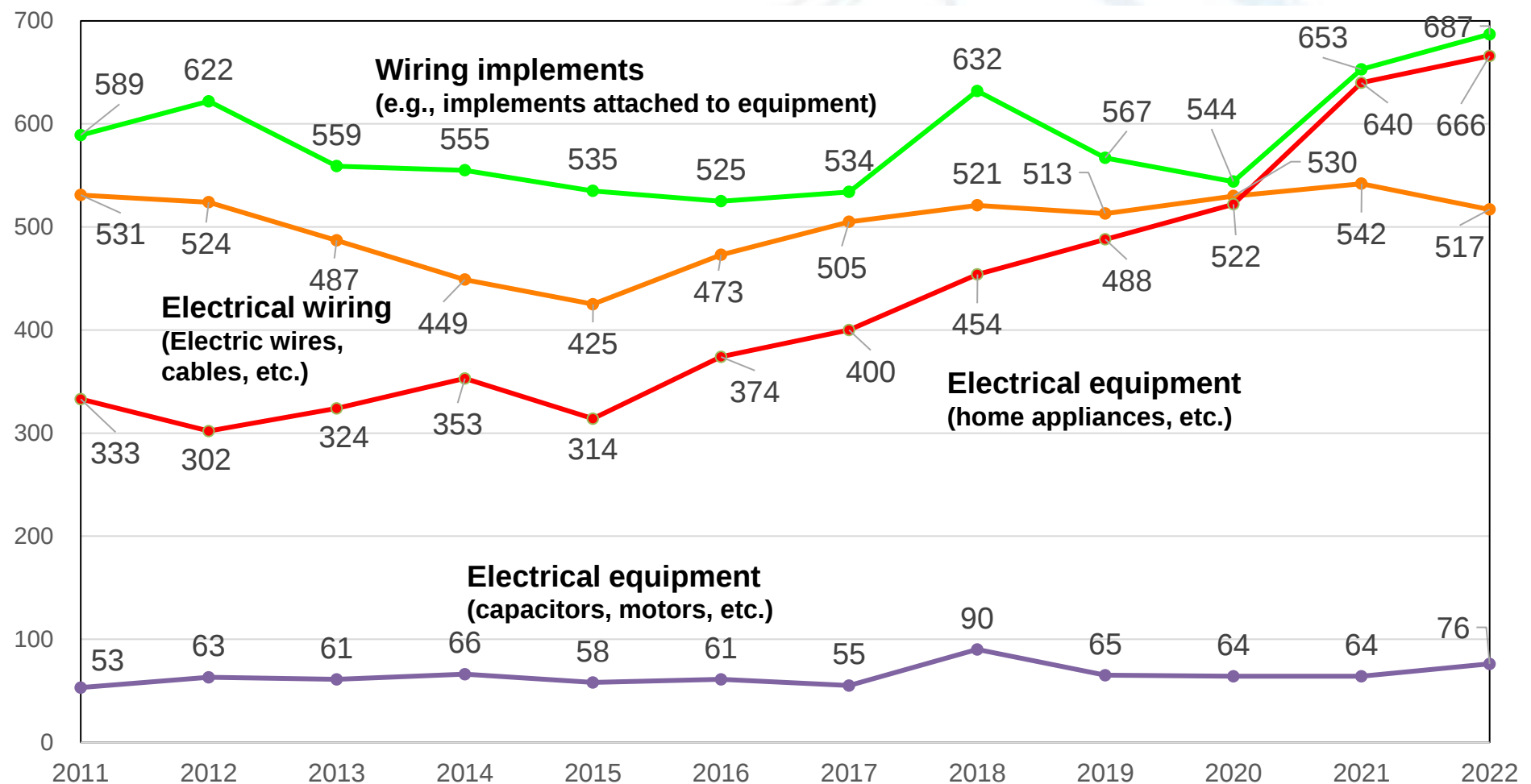
(Fires) Number of fires



Excerpted from "Fire Report" published by the Fire and Disaster Management Agency, Ministry of Internal Affairs and Communications for each year. (Year of fire)

Number of residential fires where electrical equipment was the source of ignition

(Fires)



Excerpted from "Fire Report" published by the Fire and Disaster Management Agency, Ministry of Internal Affairs and Communications for each year. (Year of fire)

Number of deaths and injuries from electric shock

		2017		2018		2019		2020		2021	
		Workers	Public	Workers	Public	Workers	Public	Workers	Public	Workers	Public
High-voltage facilities	Power plants, etc.	2	1	2	2	2	1	4	1	2	1
	Demand facilities	34	3	26	8	22	5	29	3	21	2
Low-voltage facilities	100 V	4	0	0	1	0	0	1	0	1	0
	200 V	4	2	8	3	5	6	8	1	6	1
	Distribution lines, etc.	1	1	0	0	3	0	4	0	4	0
Deaths and injuries	Subtotal	45	7	36	14	32	12	46	5	34	4
	Total	52		50		44		51		38	
Deaths		12		12		6		12		9	

Excerpted from "Electric Safety Statistics" published each fiscal year by the Ministry of Economy, Trade and Industry

*1: The number of deaths and injuries consists of the number of deaths and hospital admissions.

*2: The number of deaths is excerpted from government statistics e-Stat.

In closing (efforts to prevent fire and electric shock)

- Electrical facilities in regular private households are required to be inspected once every four years. Engineers commissioned by the power company visit individual homes to perform safety inspections. During their visits, they educate residents on electrical safety using brochures and other materials.
- August is designated the "Safe Electricity Use Month" during which we carry out activities to raise safety awareness nationwide every year, as well as organize events and other public relations activities with the aim of preventing residential electrical fires and electric shock accidents.





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