



TFD DIARY 2022

New Year's Fire Review 2022 (Jan.)



Cultural Property Fire Prevention Day (Jan.)



- ★ New Year's Fire Review 2022
- ★ Cultural Property Fire Prevention Day (State Guest House, Akasaka Palace)
- ◆ Large-scale wooden building fire

- ★ Spring Fire Prevention Campaign
- ◆ Fire with four casualties

- ◆ House fire from which a number of people in need of help were rescued
- ◆ Fire that required over 77 hours to extinguish



- ◆ Apartment building fire from which a number of people in need of help were rescued

- Establishment of the Safety Promotion Division
- Live 119 project
- Fireboat Shibuki(Renewed)
- All ambulance units are provided with multilingual voice translation tools

- ★ Hazardous Materials Safety Week
- ◆ 2nd alarm fire
- ◆ Rescue operations in collaboration with the private sector

Spring Fire Prevention Campaign (Mar.)



Establishment of the Safety Promotion Division (Apr.)



Diary

~Looking Back on 2022~

Diary

Fireboat *Shibuki*



Autumn Fire Prevention Campaign (Nov)



Timeline of 2022 events:

- Jul. 2022**
 - Live 119 [Tama Command & Control Center]
 - ◆ Kanto Regional Guidance of the 50th Rescue Meet
- Aug. 2022**
 - ★ 50th National Rescue Meet
 - ★ Disaster Preparedness Week
- Sept. 2022**
 - Comprehensive Emergency Exercise (Earthquake/Fire)
 - ★ Emergency Medical Services Week (EMS Week)
- Oct. 2022**
 - More Daytime EMS Units
 - ★ RISON TOKYO 2022
 - ◆ Rescue operations from underground pits
 - ◆ 2nd alarm fire [Wooden house area]
- Nov. 2022**
 - ★ Autumn Fire Prevention Campaign
- Dec. 2022**
 - Started operating multi-purpose tablet terminal
 - ◆ Explosion fire that required time to rescue a victim who fell into a utility hole
 - ◆ 3rd command fire [Factory]

Marks

- ◆ Disaster
- ★ Prevention
- Policy

50th National Rescue Meet (Aug)



Diary

Toilet Car Truck



Vehicle overview

This vehicle is equipped with a restroom function to enhance logistical support capabilities. It is a three-seater truck-type vehicle with a hybrid system featuring separate spaces for men and women (doubling as changing rooms). In addition to restroom facilities, the vehicle is equipped with hand washing facilities, hand dryers, mirrors, and more.

Front: Space for males
Rear: Space for females



Space for females



Space for males



Equipment and material storage shelves



Demonstration stand extension

Large LED screen



Emergency first-aid outreach activities



First-aid Training Truck



Vehicle overview

This vehicle serves as a mobile disaster prevention classroom designed for the purpose of promoting emergency first-aid activities. Based on a small cargo vehicle, it is equipped with a large LED screen, video output equipment, and a demonstration stand for practicing chest compressions. It is loaded with a large battery with solar panels, with which training can be conducted with zero carbon dioxide emissions.

Crawler Rescue Truck (for all terrain)



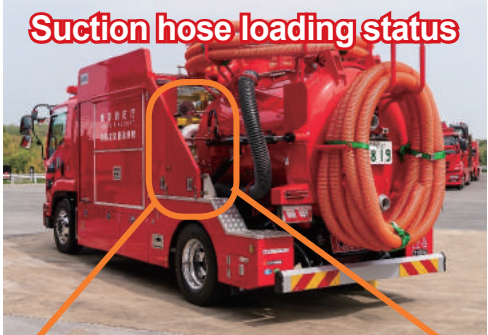
This vehicle is designed to provide support in mountain rescue scenarios and in areas where regular firefighting vehicles have difficulty accessing, such as forest fire scenes. It offers high mobility, allowing it to operate in flooded areas and uneven terrain, and can even switch from tires to crawlers for driving on muddy or steep slopes.



Extensive Absorber Truck



For large-scale disasters such as landslides or for rescue operations in buildings and tanks filled with sludge and sand where heavy machinery cannot enter, this vehicle can extend a suction hose up to 100 meters to powerfully suck up water-rich soil, dry sand, mud and debris.





Fireboat *Shibuki*



Equipment overview

The unmanned water shooter is designed for petroleum complex, aircraft, and tanker truck fires, as well as large-scale fires and explosions where strong radiated heat is generated and it is difficult for firefighters to approach.

Operated by a remote control device, it can remove obstacles, spray water, and provide ventilation from a distance of about 300 meters. The water outlet in the center of the turbine can be replaced with a foam nozzle, allowing for a maximum foam discharge of over 3,000 liters per minute.

Boat overview

The “Shibuki” is a firefighting and water rescue boat designed to respond to aquatic emergencies in Tokyo Bay and connecting rivers. Despite its small size, the boat can accommodate stretchers inside and on the deck and is equipped with two high-power diesel engines for high-speed cruising. It also features an electrically foldable mast to reduce height above the waterline, expanding its navigational range in rivers.



Motorized portable mast



Stretcher storage space



Unmanned Water Shooter

Improvements in Regional Disaster Prevention Capabilities in Commemoration of the 100th Anniversary of the Great Kanto Earthquake



Further enhancement and reinforcement of local disaster preparedness in cooperation with municipalities



Promoting disaster education through the use of VR video content



Strengthening collaboration with volunteer fire corps, the core of regional disaster prevention



100th Anniversary of the Great Kanto Earthquake

Tokyo, overcoming numerous disasters
Prepare for tomorrow's disaster prevention

Topics



Provided by JICA



Provided by JICA



Provided by JICA



Provided by JICA



Provided by JICA



JDR: Japan Disaster Relief Team (Turkey quake)

Provided by JICA

50th National Rescue Meet



"The National Rescue Meet is held to cultivate the physical strength, mental strength, and technical skills essential for firefighting rescue and is divided into land and water sections. The contents include individual basic training and team coordination training, with national standardized events for both land and water sections, each consisting of seven categories assessing safety, accuracy, and speed in rope work, knot tying, and basic swimming. Members of fire departments nationwide who have won their regional guidance meetings participate in the National Rescue Meet once a year. Members of the Tokyo Fire Department also participate, going through the Tokyo Metropolitan Meet and the Kanto Regional Guidance Meet (with participants from one metropolis and nine prefectures: Gunma, Tochigi, Ibaraki, Saitama, Tokyo, Chiba, Kanagawa, Nagano, Yamanashi and Shizuoka) before appearing at the national competition. Furthermore, in the Kanto Regional Guidance Meet and the National Rescue Meet, designated fire departments select training themes and conduct rescue drills as if they were real-life situations, thus providing an opportunity to introduce new equipment and learn from the techniques of other fire departments, contributing to knowledge sharing and skill development."



50TH NATIONAL RESCUE MEET
TOKYO 2022
RESCUE SPIRITS





Firewomen... Their 50-year History

1972 ▶ 2022

1972

Employment since 1972

[MISSIONS]

- Public fire and life safety advice
- Public first aid training
- Permission [New/Remodeled buildings]
- On-the-spot inspection & guidance
- Permission [Hazmat facilities]
- Check & advice [Fire protection equipment]
- PR & consultation
- Other



1991

Emergency Medical Service

[MISSIONS]

- Ambulance service
- Fire investigation
- On-scene fact finding



1994

Night Shift

[MISSIONS]

- Vehicle drive
- Vehicle work [Supply, floodlight, rescue, etc.]
- Fireboat [Chief]
- Helicopter [Flight & maintenance]
- Music band performance
- Night watch



2006

Job Equality

[MISSIONS]

- Women taking the same jobs as men (Except on-scene hazmat management)



For the Benefit of Firewomen

Electric/Lightweight Equipment



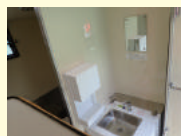
- For easier operations at the scene

◀ Electric stretcher

On-scene Support

- Setting suitable for prolonged operations
- Complete privacy with a female toilet system

Toilet Car Truck ▶



Female-friendly Fire Department Facilities



- More beds, shower spaces, toilets, etc.

Interstation/Firewomen Meeting



For more information, please visit *Firewomen... Their 50-year History*



119 Reporting System

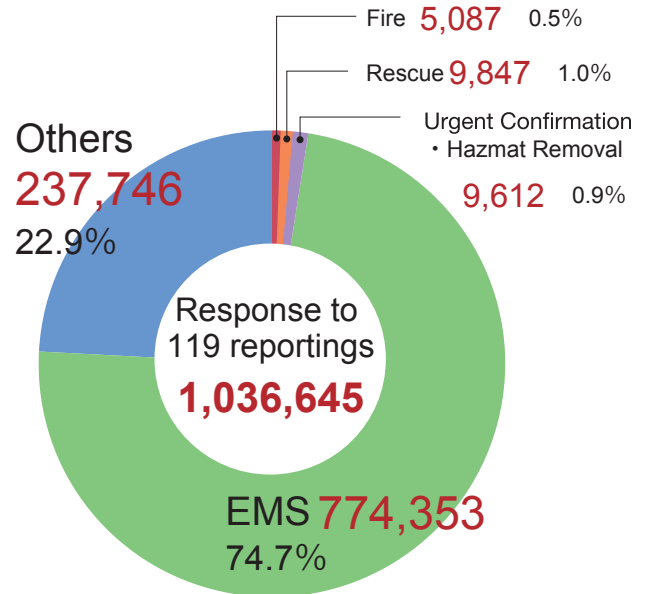
When you call 119 in Tokyo*, the line connects to the Command and Control Center in Chiyoda Ward or Tachikawa City, depending on where you call from.

The number of 119 reportings in 2022 was 1,036,645, which is about 2,840 a day on average.

That means the Center responded to one call approximately every 30 seconds. Additionally, it responds to reports from the police and companies.

* Excl. Inagi City and Islands

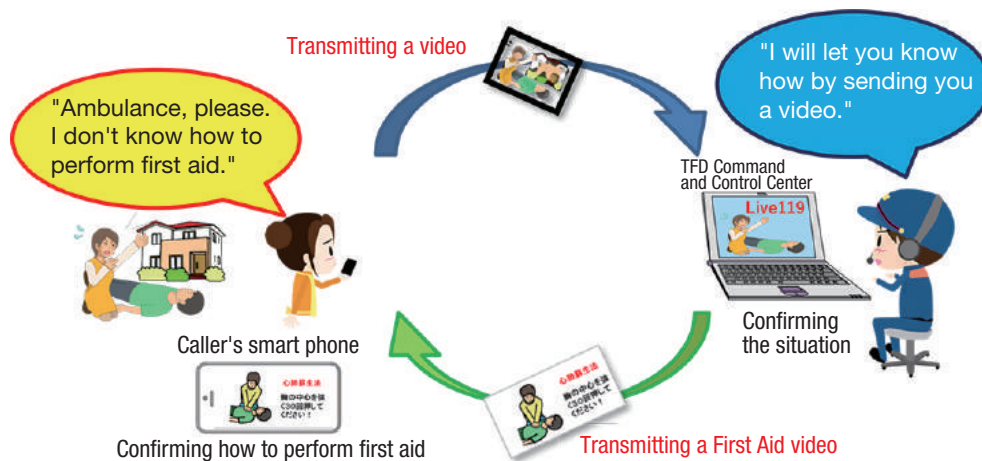
119 Reporting in 2022 by Categories



Oral Guidance System with On-scene Images (Live 119)

Sometimes it is hard for the Center members to understand the accurate patients' condition and to confirm the effectiveness of bystanders performing first aid by oral advice alone.

Accordingly, the TFD has introduced Live 119, the system which an operator is able to send an image to a caller while connecting a line at the same time.



Response in Foreign Languages

English speaking members are assigned at the Command and Control Center in Chiyoda Ward and Tachikawa City to respond to 119 calls from foreign nationals. Additionally, in order to respond to 119 calls in languages other than English, the TFD introduced the three-way-talk simultaneous translation service over the phone for foreign nationals. It reinforced the 119 receiving system for those who are not familiar with English.

(English, Chinese, Korean, Portuguese and Spanish are available.)

119 reporting responses in multiple languages

