

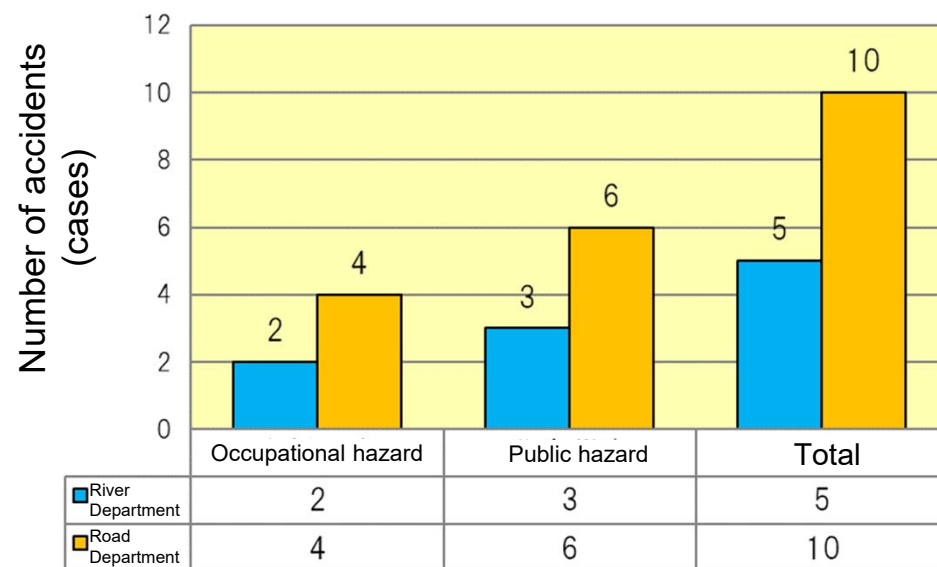
○There were 15 accidents reported in direct construction in FY 2022. Among these, five were reported in the River Department, and ten were reported in the Road Department.

○There were six occupational hazard accidents (0 fatalities), and nine public hazard accidents.

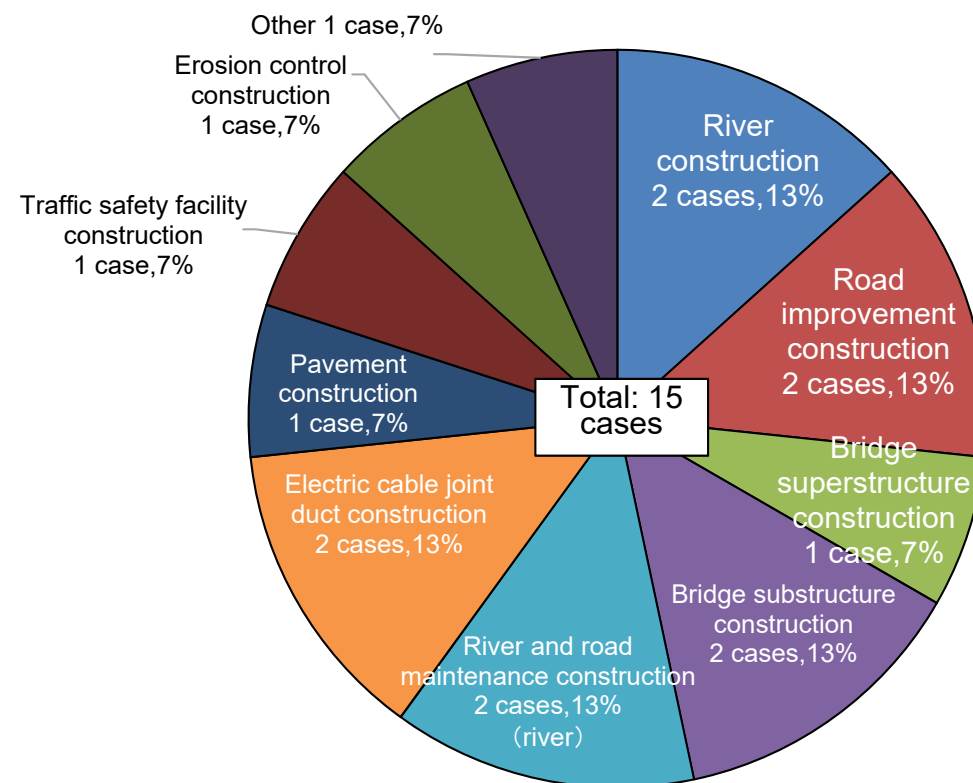
○By construction type, in descending order, there were two cases each of river construction, road improvement construction, bridge substructure construction, river and road maintenance construction (river), and electric cable joint duct construction.

Number of accidents		Occupational hazard	Public hazard
River Department	5	2	3
Road Department	10	4	6
Total	15	6	9
	(100%)	(40%)	(60%)

FY 2022 accident occurrence status



Breakdown by construction type
(type, number, percentage)



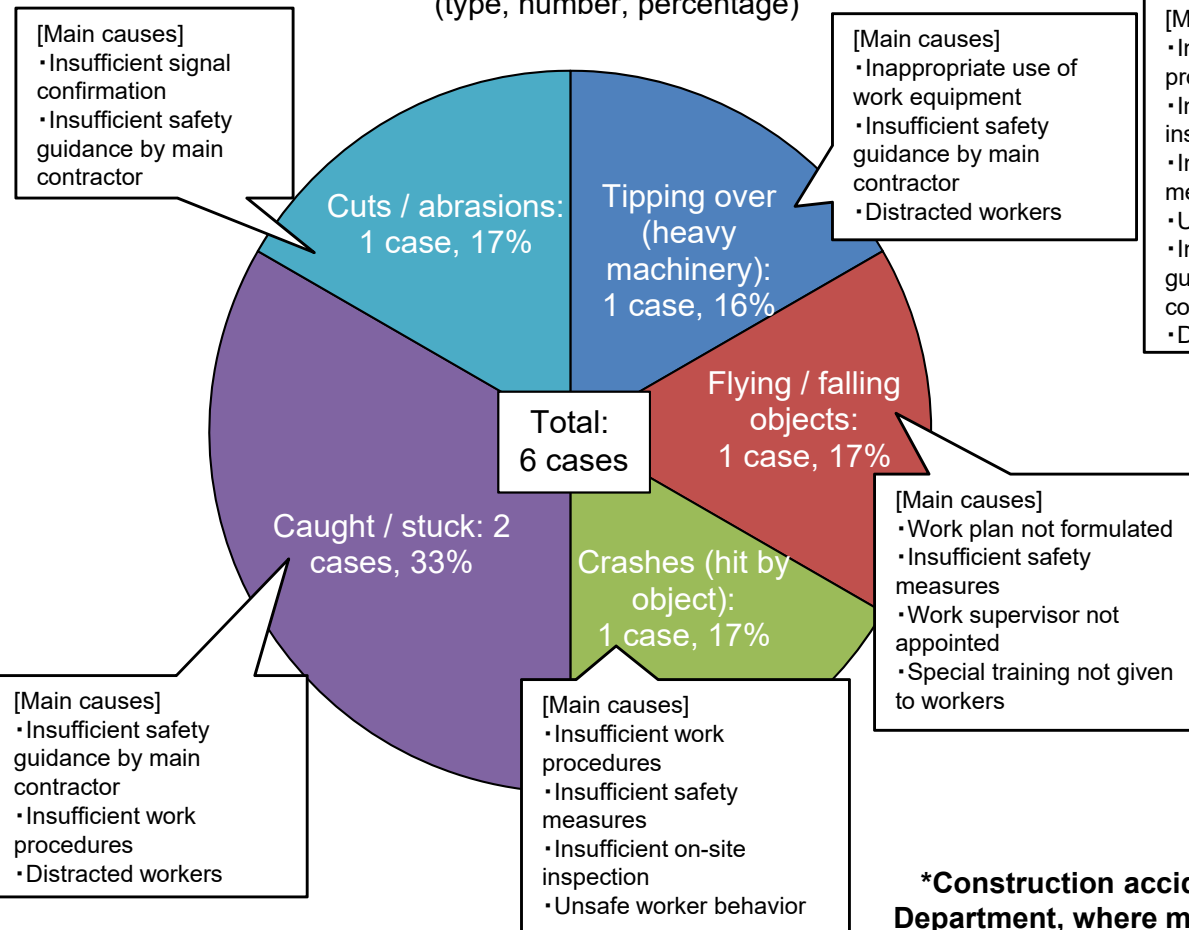
***Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures**

○Considering occupational hazard accidents, there were two cases of “Caught / stuck”, and one each of “Tipping over (heavy machinery)”, “Flying / falling objects”, “Crashes (hit by object)”, and “Cuts / abrasions”.

○There were nine public hazard accidents. A breakdown was as follows: there were four cases each of “Facility damage” and “Overhead line damage”; and one case of “General vehicle damage”. “Facility damage” and “Overhead line damage” accounted for approximately 90% of the total.

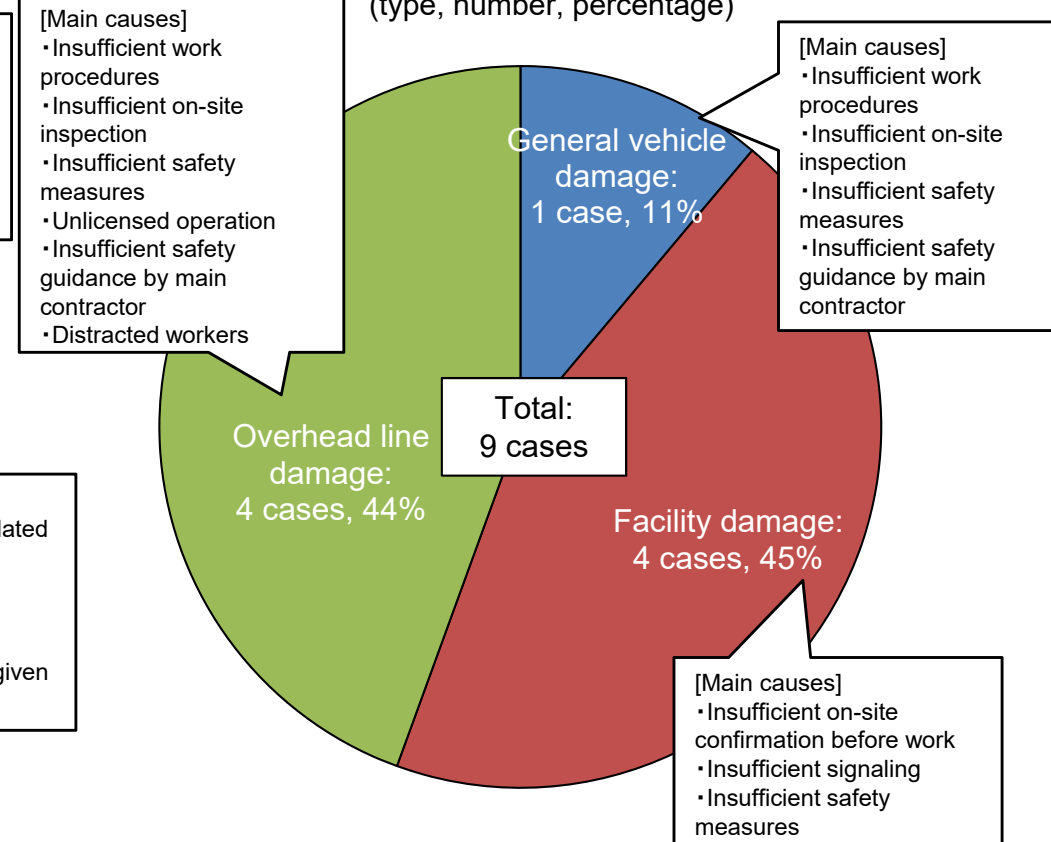
Breakdown of occupational hazard accidents

(type, number, percentage)



Breakdown of public hazard cases

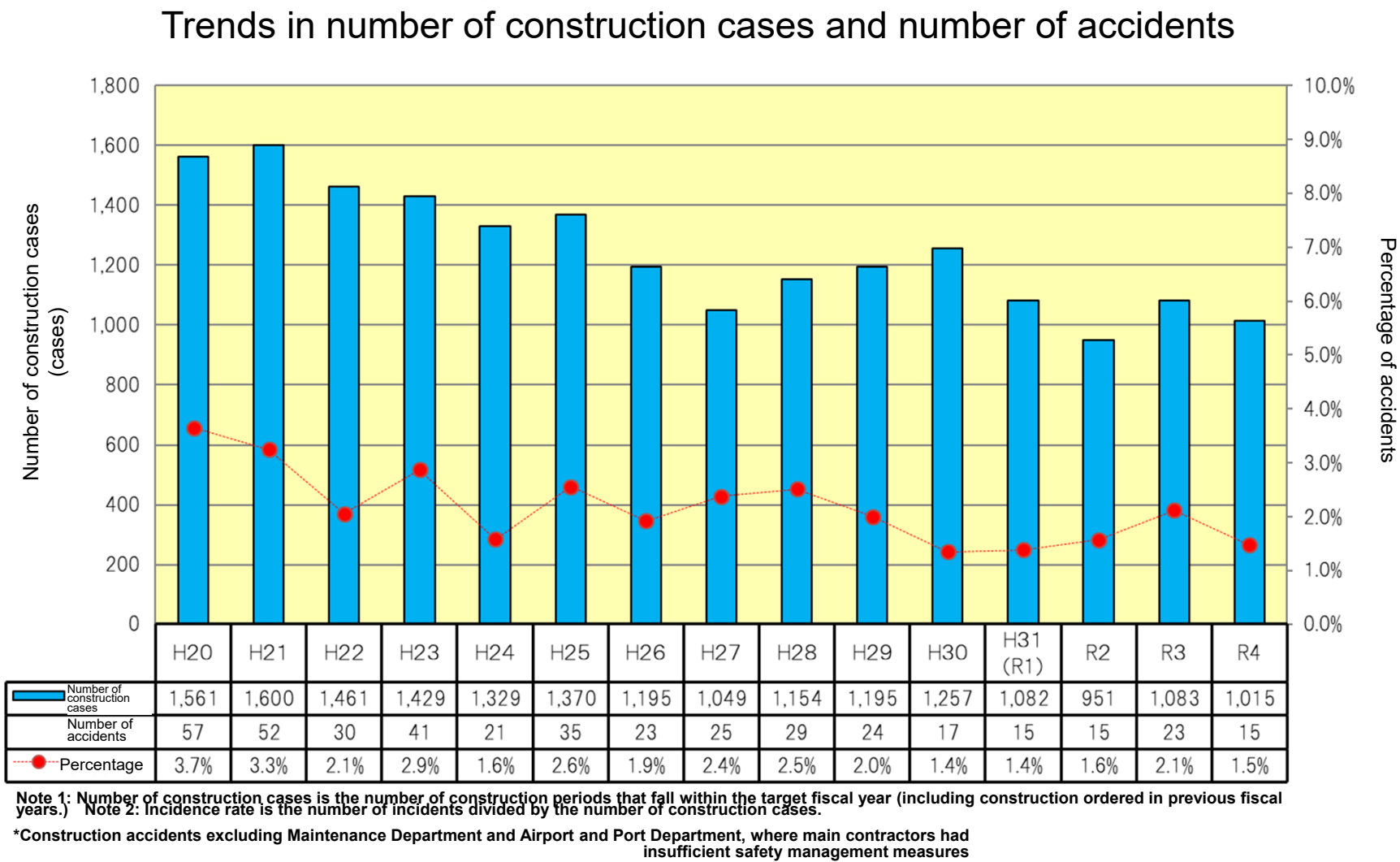
(type, number, percentage)



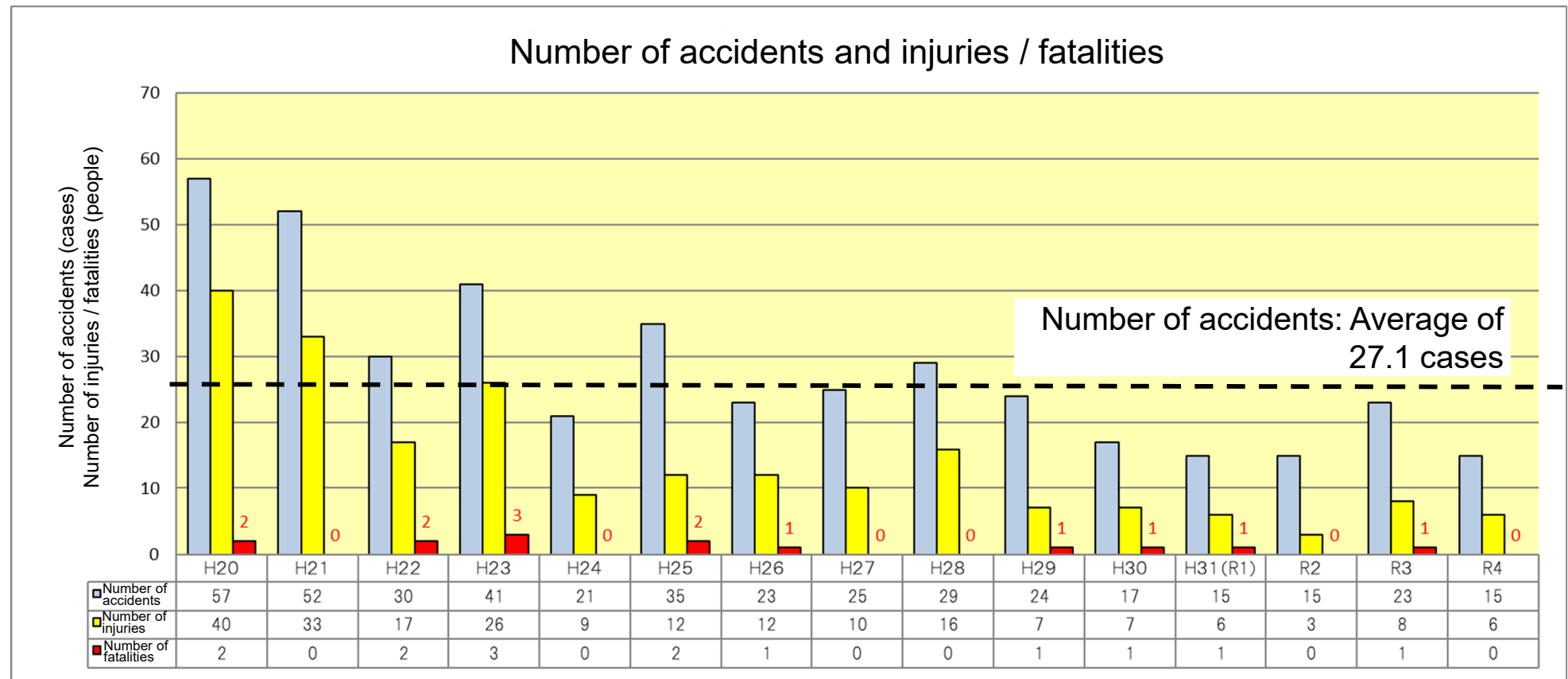
***Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures 2**

- The percentage of the number of accidents for which measures were adopted out of the total number of construction cases in FY 2022 was 1.5%, which was a decrease compared to that in FY 2021. The number of accidents also decreased from the previous fiscal year. The number of construction cases also decreased, and the proportion of the number of accidents also decreased.

○The number of accidents has exhibited a downward trend since FY 2016. Although this has once again increased in FY 2021, this value decreased in FY 2022.



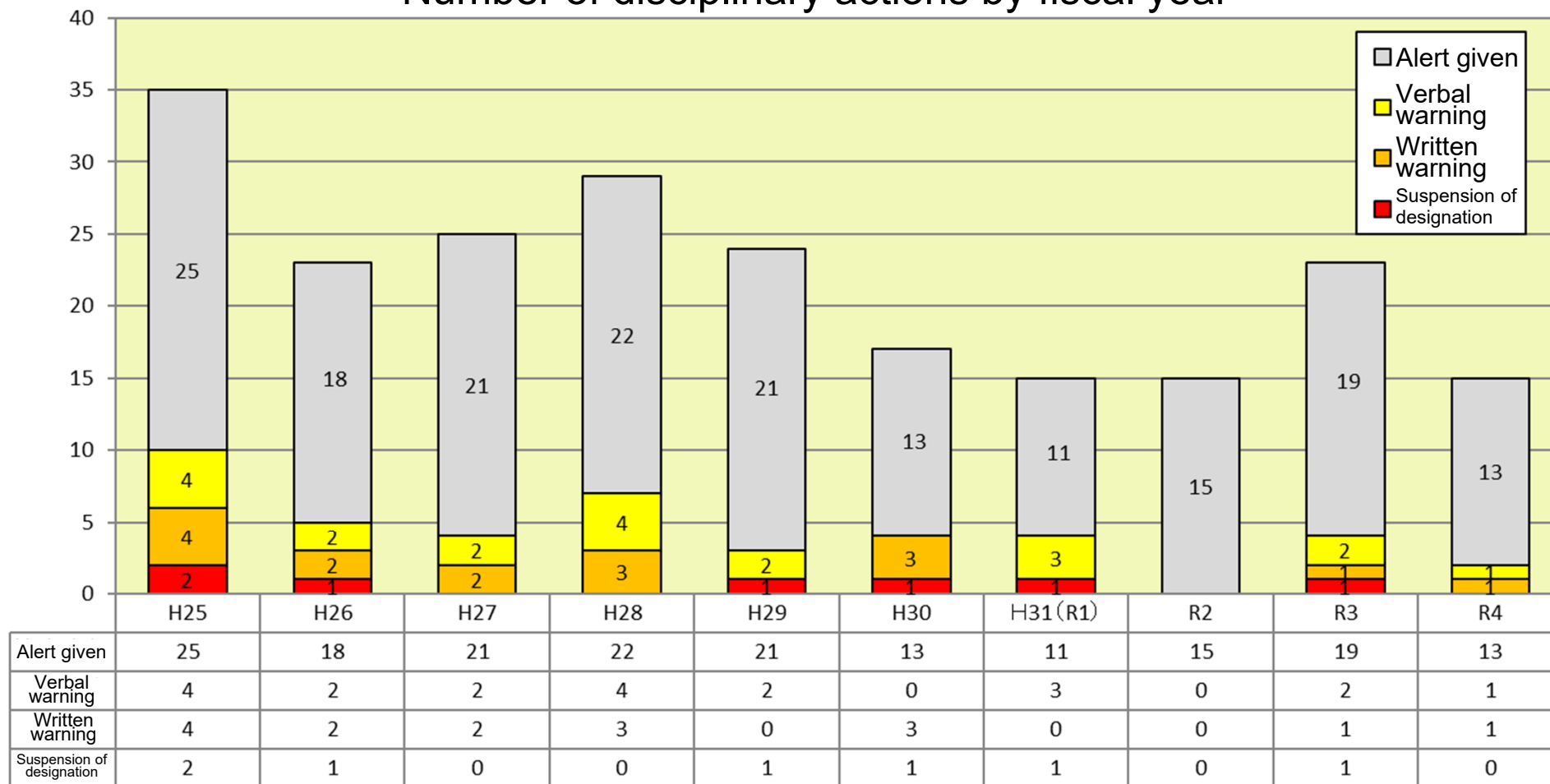
- The number of accidents for which measures were adopted in the past 15 years (2008-2022) had averaged 27.1 cases.
- The number of accidents has been trending downward since peaking in FY 2008.
- The number of injuries has remained in the single digits since FY 2017.



***Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures**

○In FY 2022, the breakdown of measures adopted after an accident was as follows: 13 “Alert given” cases, and one each of “Verbal warning” and “Written warning” cases.

Number of disciplinary actions by fiscal year

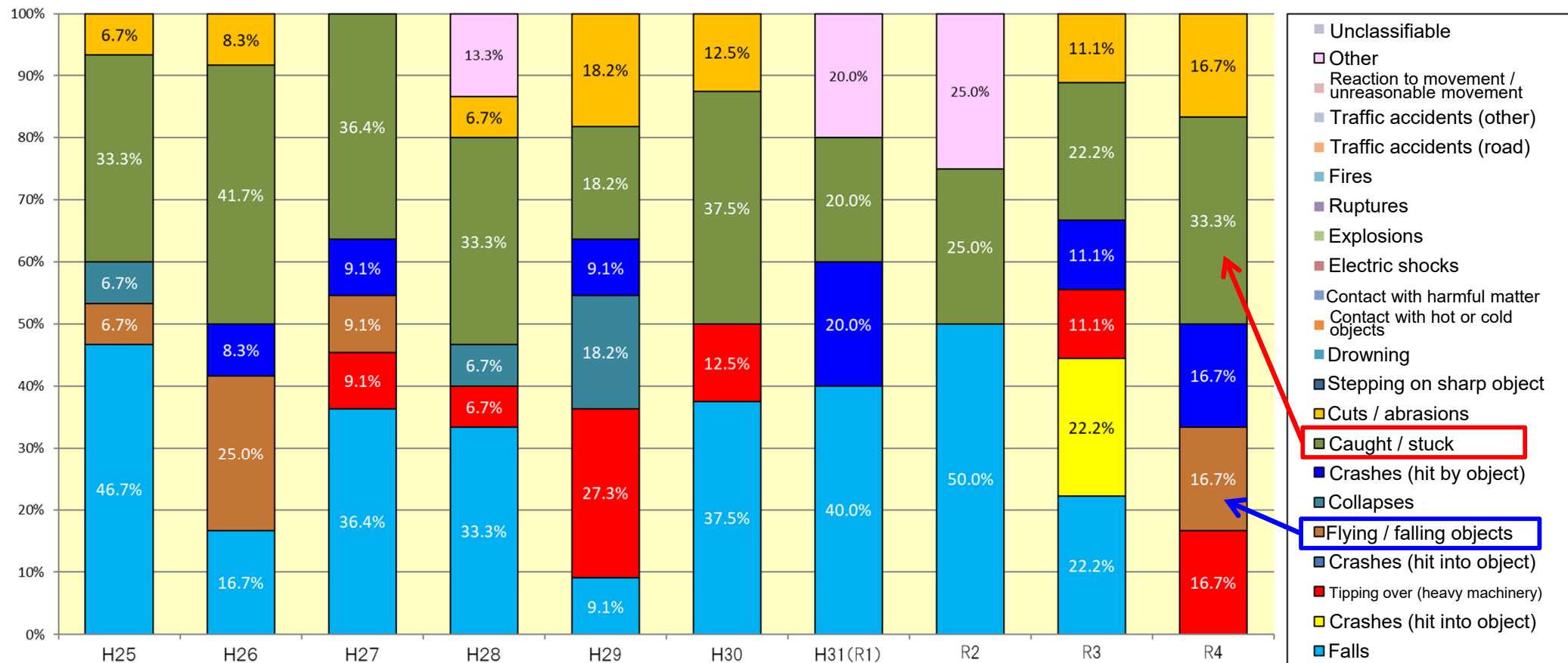


***Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures**

***One of the suspensions of designation was for construction work that occurred in FY2019, and the measures were finalized in FY2021.**

○“Caught / stuck” accidents occur every year. In the previous fiscal year, “Flying / falling objects” cases due to insufficient safety measures on-site have occurred.

Breakdown of construction worker accidents (occupational hazard)

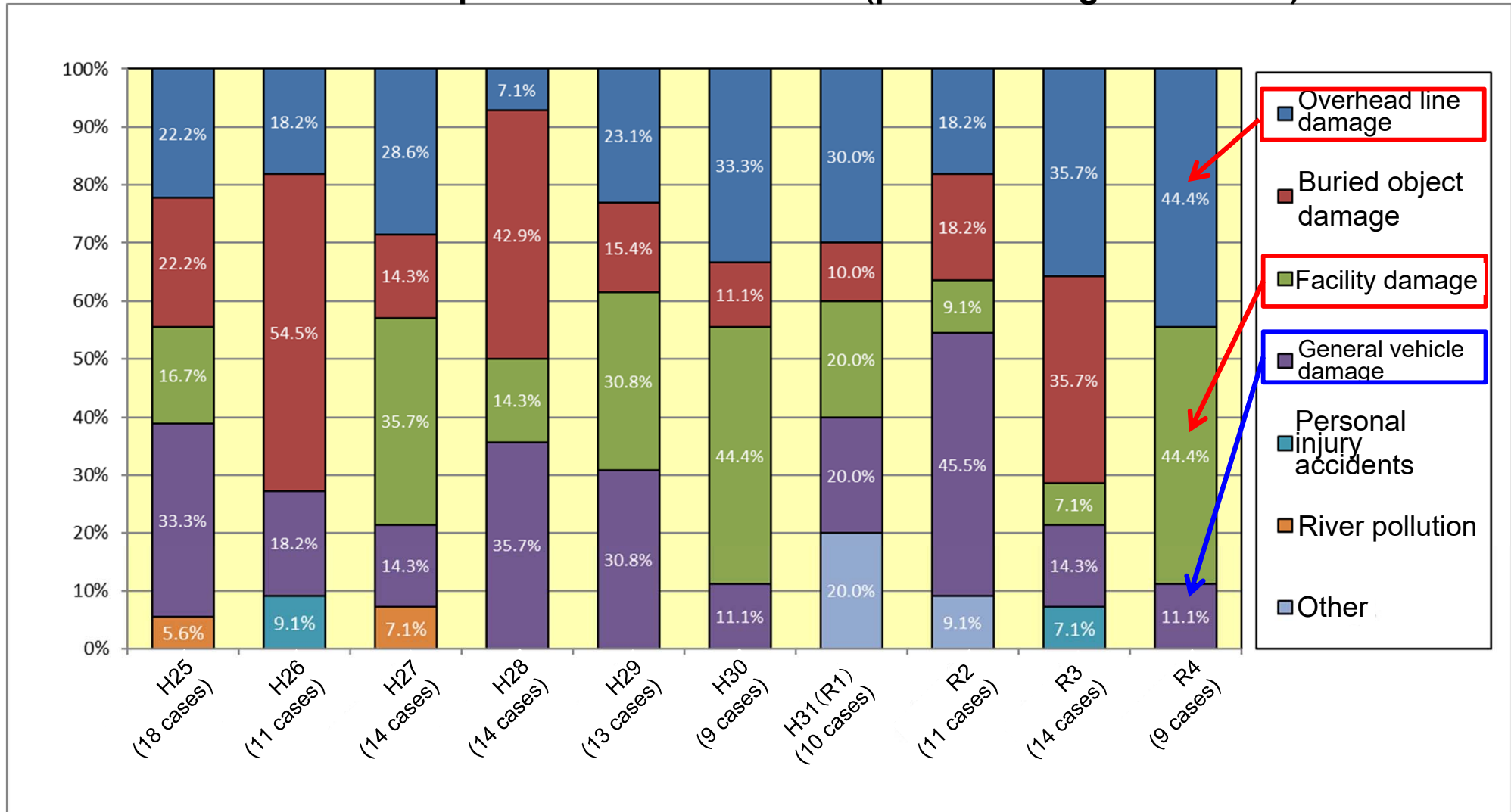


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

Overview of construction accidents ordered by the Chugoku

- In FY 2022, approximately 90% of cases were “Overhead line damage” and “Facility damage” accidents.
- In FY 2022, the number of “General vehicle damage” cases has decreased, but cases have occurred for 10 consecutive years.

Breakdown of public hazard accidents (public damage accidents)

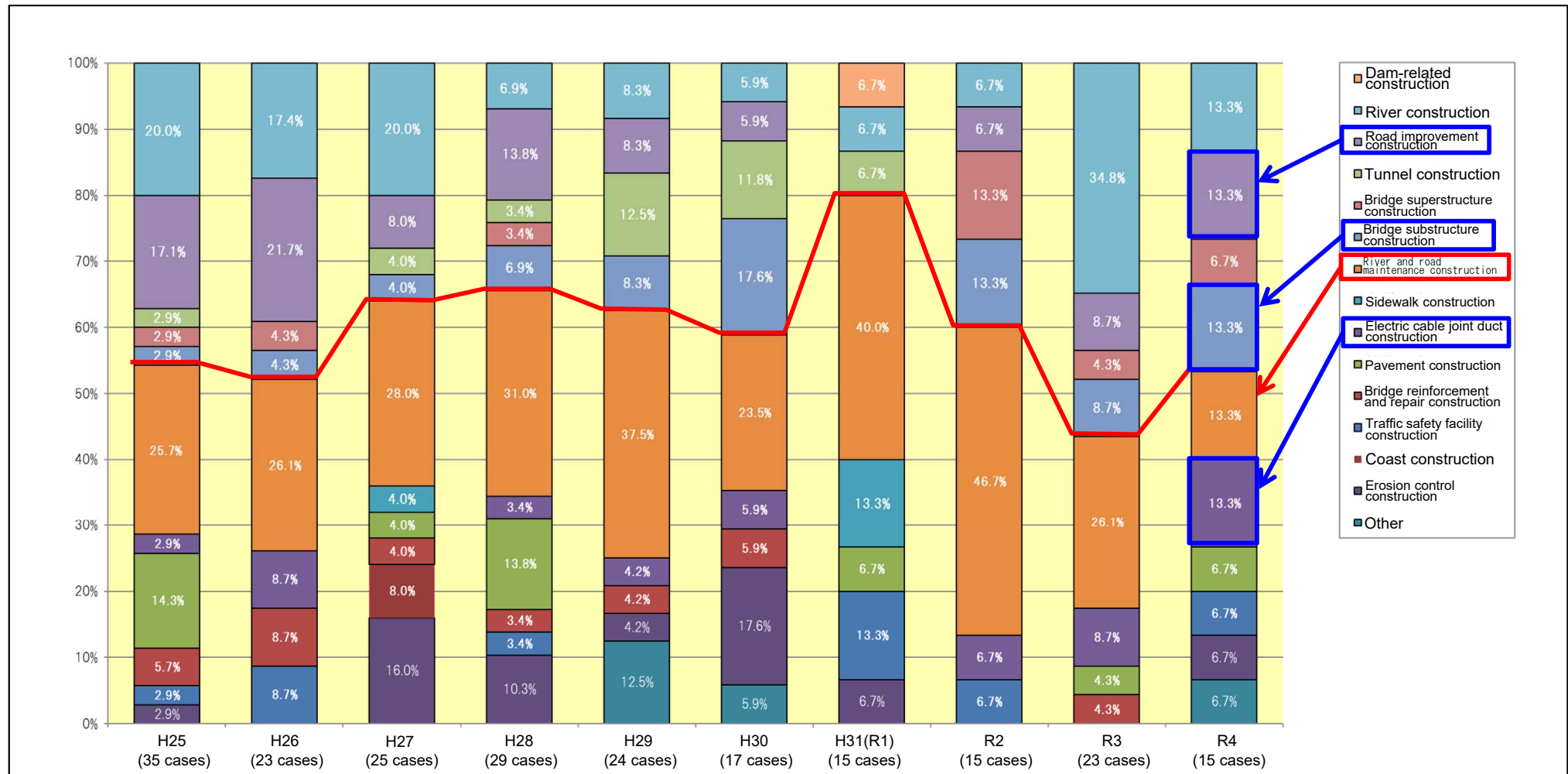


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

○Each year, there tends to be a high number of “River and road maintenance construction” accidents, which requires emergency work and has a wide site area.

○In FY 2020, there was an increase in road improvement construction, bridge substructure construction, and electric cable joint duct construction accidents.

Breakdown of construction work in accidents

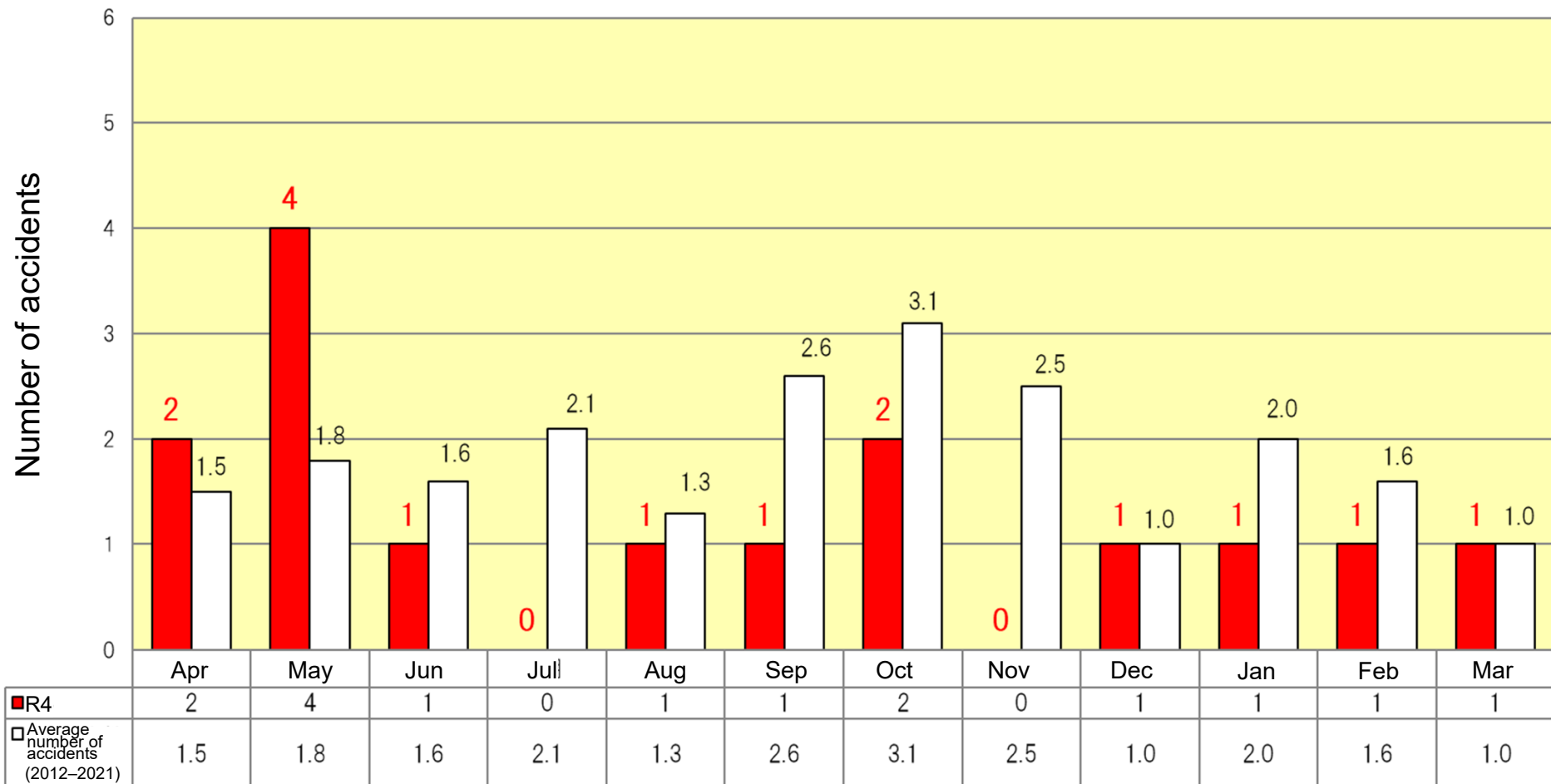


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

○ On average, over the past 10 years (2013–2022), accidents have occurred every month, with a peak of 3.1 in October.

○ In FY 2022, most accidents occurred in April, May, and June. The only months with zero accidents were July and November.

Number of accidents by month (2013–2022)

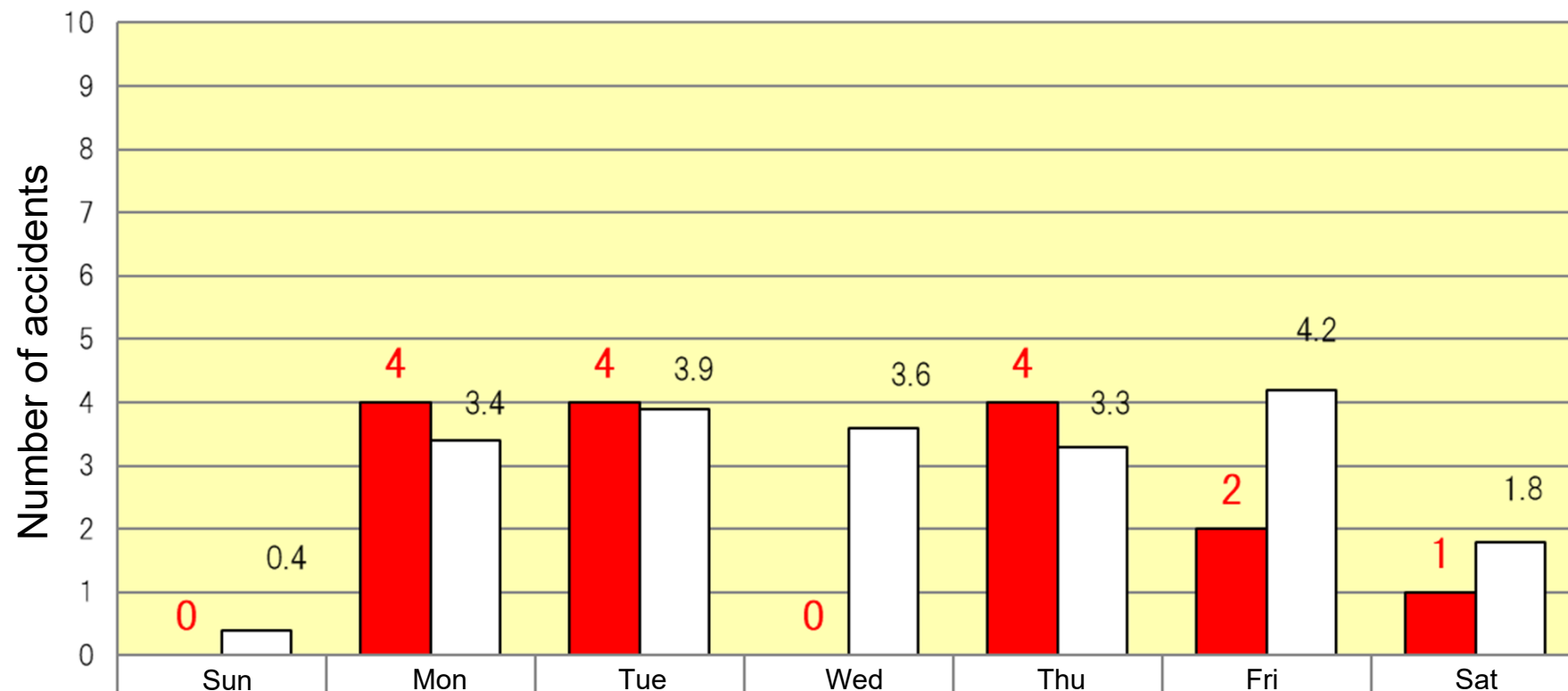


***Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures**

○ On average, over the past 10 years ears, approximately four accidents occurred on weekdays regardless of the day of the week, with the most occurring on Fridays.

○ In FY 2022, accidents occurred most frequently on Mondays, Tuesdays, and Fridays. Accidents on Saturdays and Sundays decreased, possibly due to the spread of two-day weekends.

Number of accidents by day of week (2013–2022)



■ R4	0	4	4	0	4	2	1
□ Average number of accidents (2012–2021)	0.4	3.4	3.9	3.6	3.3	4.2	1.8

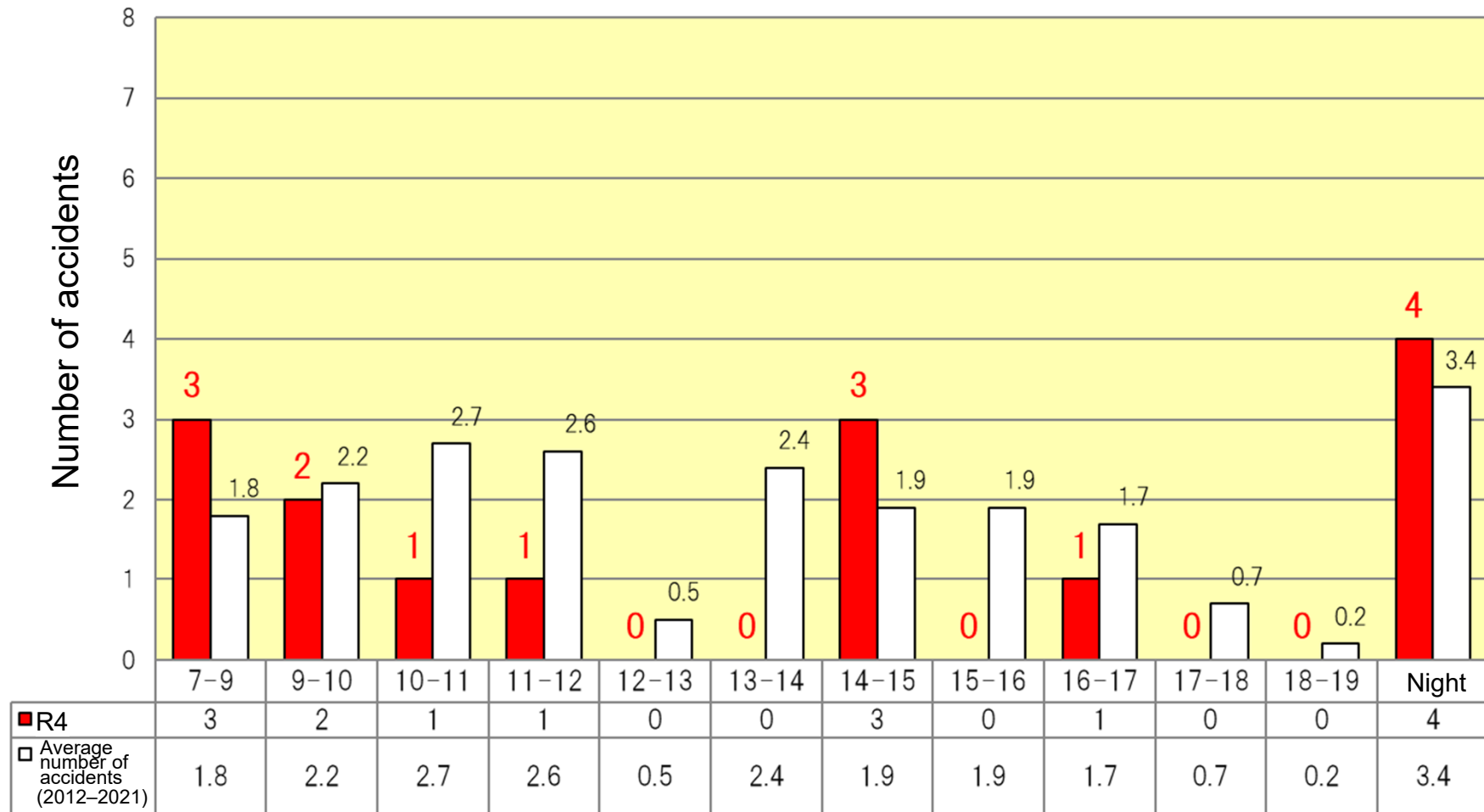
*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

Overview of construction accidents ordered by the Chugoku

○ On average, over the past 10 years, most accidents occurred between 11:00 and 12:00 noon, and at night.

○ In FY 2022, many accidents occurred in the morning and from 14:00 to 15:00, and at night.

Number of accidents by time period (2013–2022)



*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures