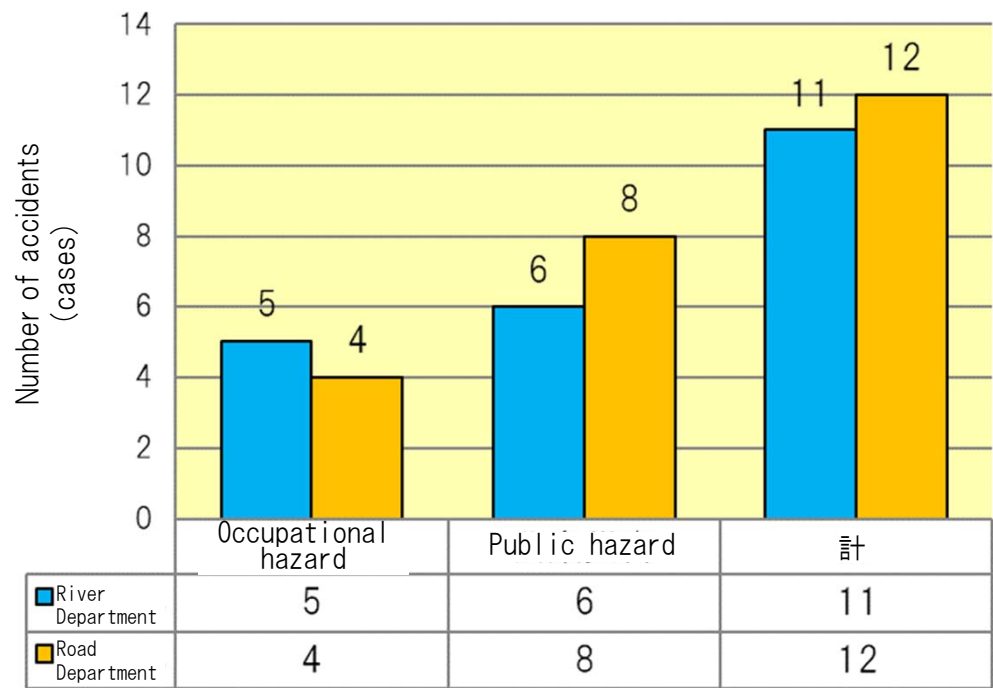


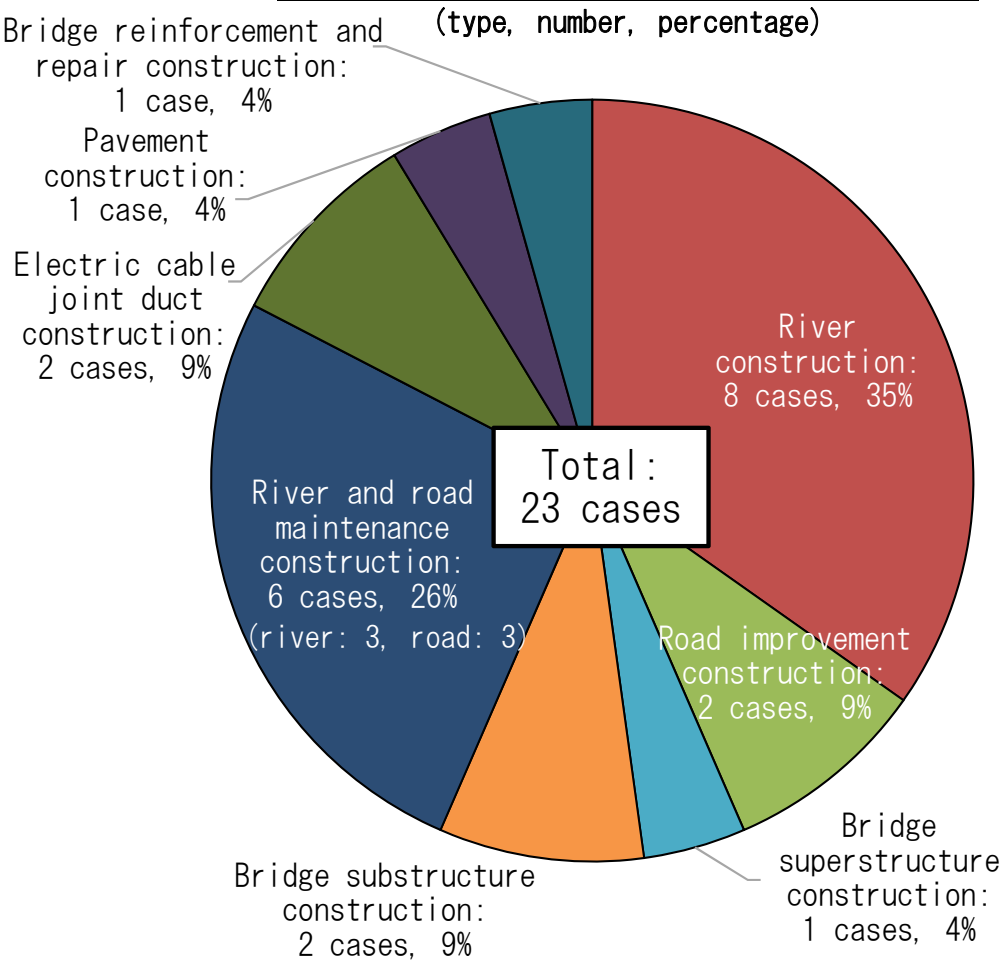
- There were 23 accidents that were addressed in direct construction in FY 2021. Of these, 11 were addressed in the River Department, and 12 were addressed in the Road Department.
- There were nine occupational hazard accidents (one fatality (from previous fiscal year)), and 14 public hazard accidents.
- By construction type, in descending order, there were eight river construction cases, six river and road maintenance cases (of which, three each were rivers and roads), and two each of road improvement construction, and electric cable joint duct construction.

Number of accidents		Occupational hazard	Public hazard
River Department	11	5	6
Road Department	12	4	8
Total	23	9	14
(100%)		(39%)	(61%)

FY2021 accident occurrence status



Breakdown by construction type



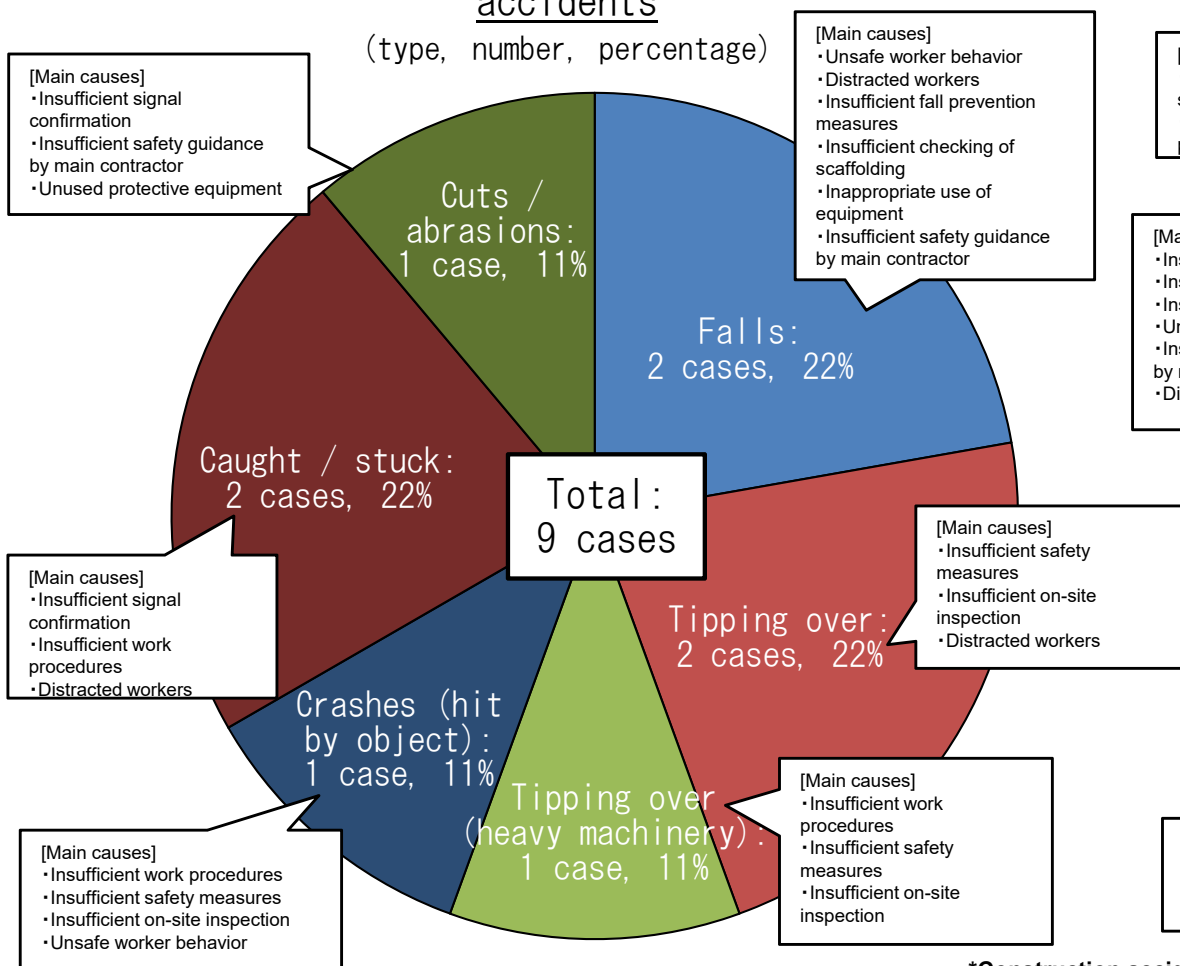
*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

○Considering occupational hazards, there were two cases each of “Falls”, “Tipping over”, and “Caught / stuck”; and 1 case each of “Tipping over (heavy machinery)”, “Crashes (hit by object)” and “Cuts / abrasions”. Of the “Falls” cases, one (from previous fiscal year) became a fatal accident.

○There were 14 public hazard accidents. A breakdown was as follows: there were five cases each of “Buried object damage” and “Overhead line damage”; two cases each of “General vehicle damage”; and one case each of “Facility damage” and “Personal injury accidents”. “Buried object damage” and “Overhead line damage” accounted for approximately 70% of the total.

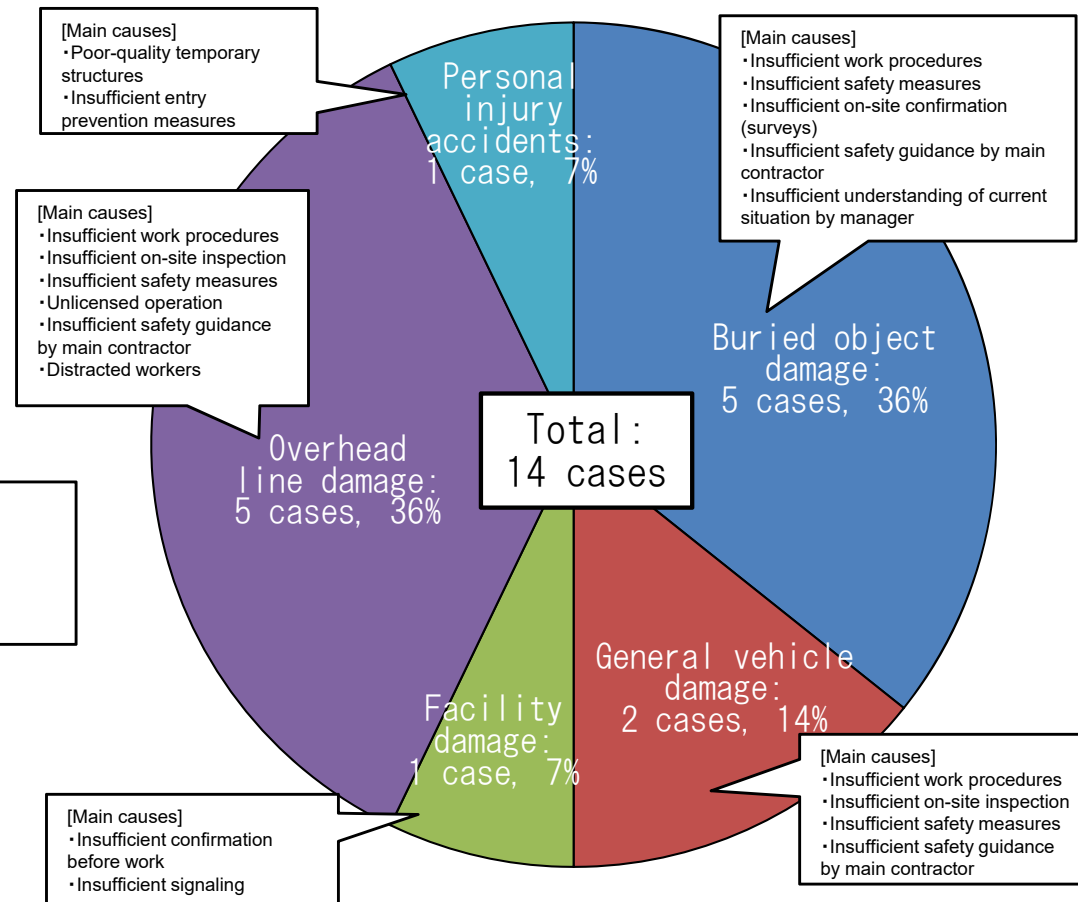
Breakdown of occupational hazard accidents

(type, number, percentage)



Breakdown of public hazard cases

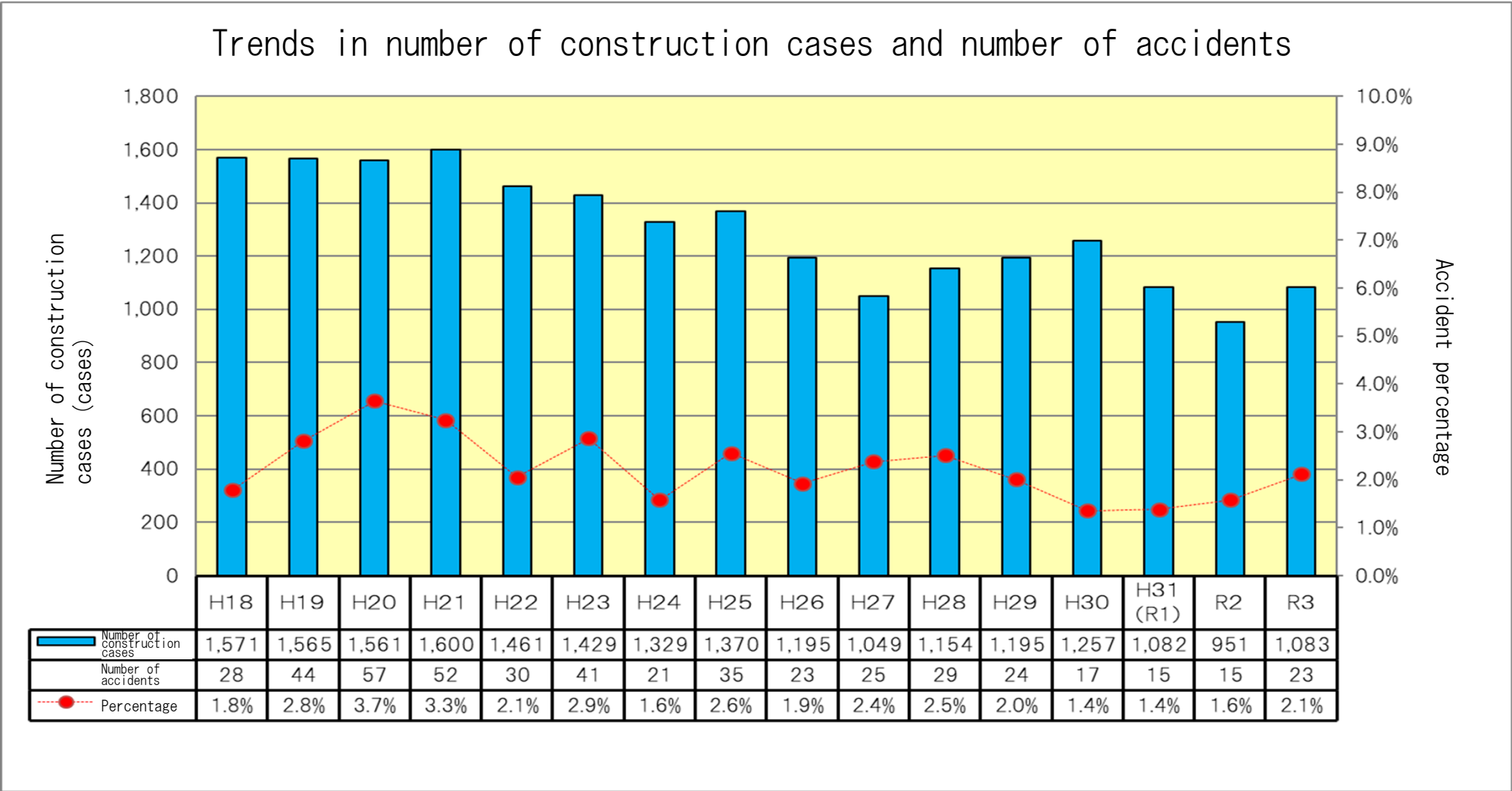
(type, number, percentage)



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

○The percentage of the number of accidents for which measures were adopted out of the total number of construction cases in FY 2021 was 2.1%, which was an upward trend compared to that in FY 2019. The number of accidents also increased from the previous fiscal year. The number of construction cases increased, but the proportion of the number of accidents also increased.

○The number of accidents exhibited a downward trend since FY 2016 but again increased in FY 2021.



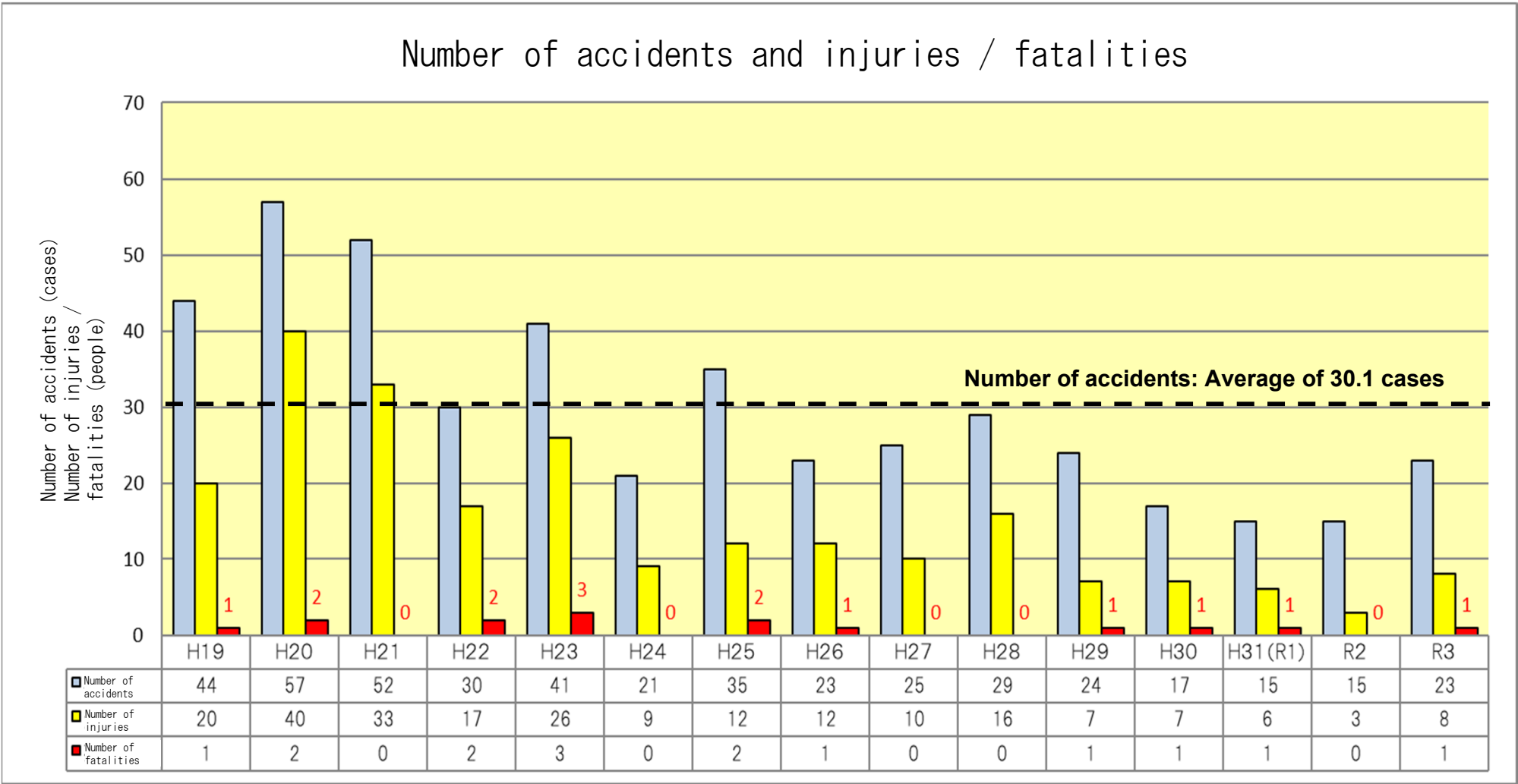
Note 1: Number of construction cases is the number of construction periods that fall within the target fiscal year (including construction ordered in previous fiscal years.)

Note 2: Incidence rate is the number of incidents divided by the number of construction cases.

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

3

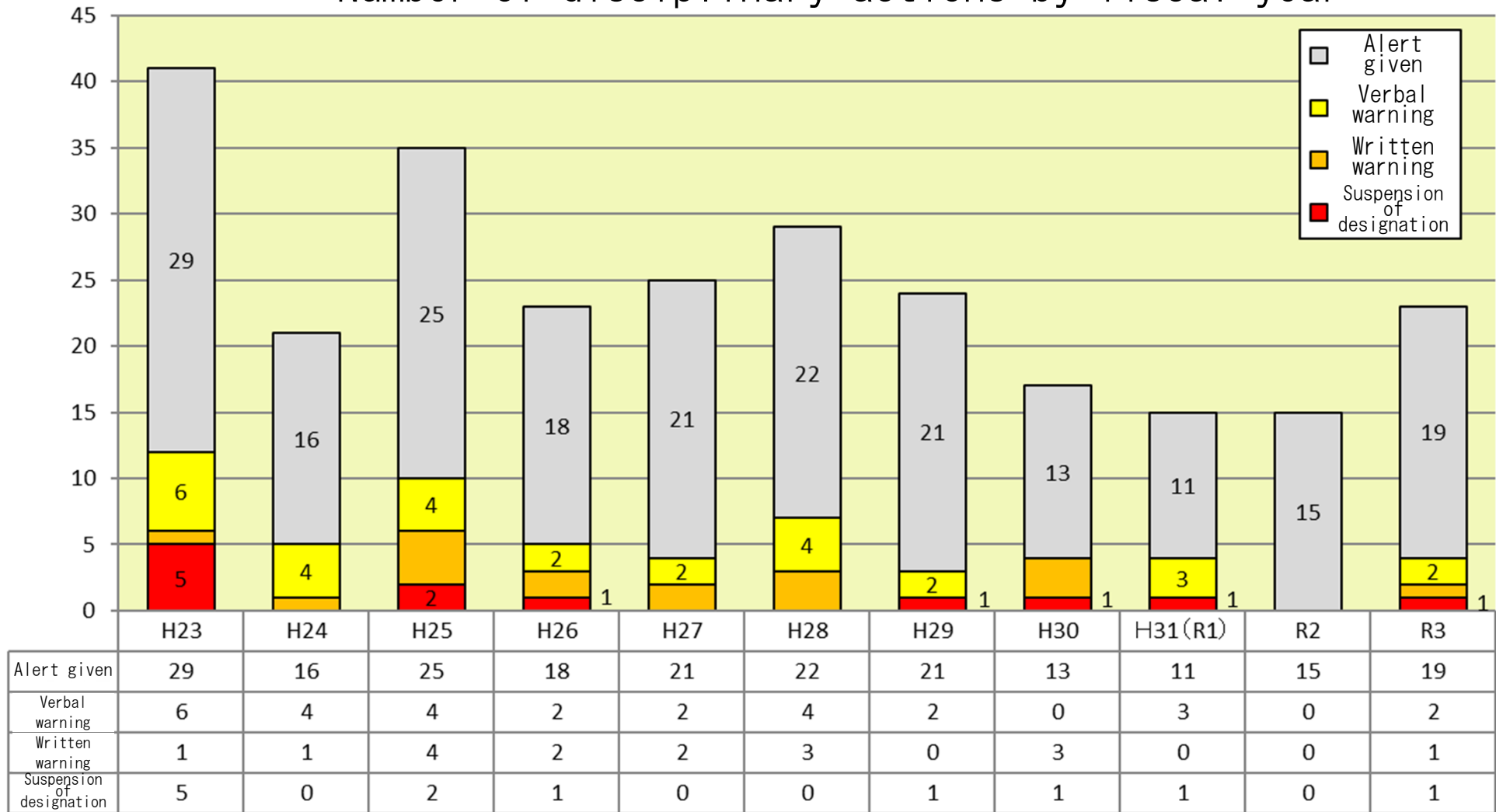
- The number of accidents for which measures were adopted in the past 15 years (2007-2021) averaged 30.1 cases.
- The number of accidents exhibited a downward trend since peaking in FY 2008, but in FY 2021, the value increased compared to that in the previous year.
- The number of injuries remained in the single digits since FY 2017. In addition, the fatality in FY 2021 was recorded as an accident that occurred in FY2019, so it did not actually occur.



Overview of construction accidents ordered by the Chugoku

○In FY 2021, the breakdown of measures adopted after an accident was as follows: 19 “Alert given” cases, two “Verbal warning” cases, and one case each of “Written warning” and “Suspension of designation”.

Number of disciplinary actions by fiscal year

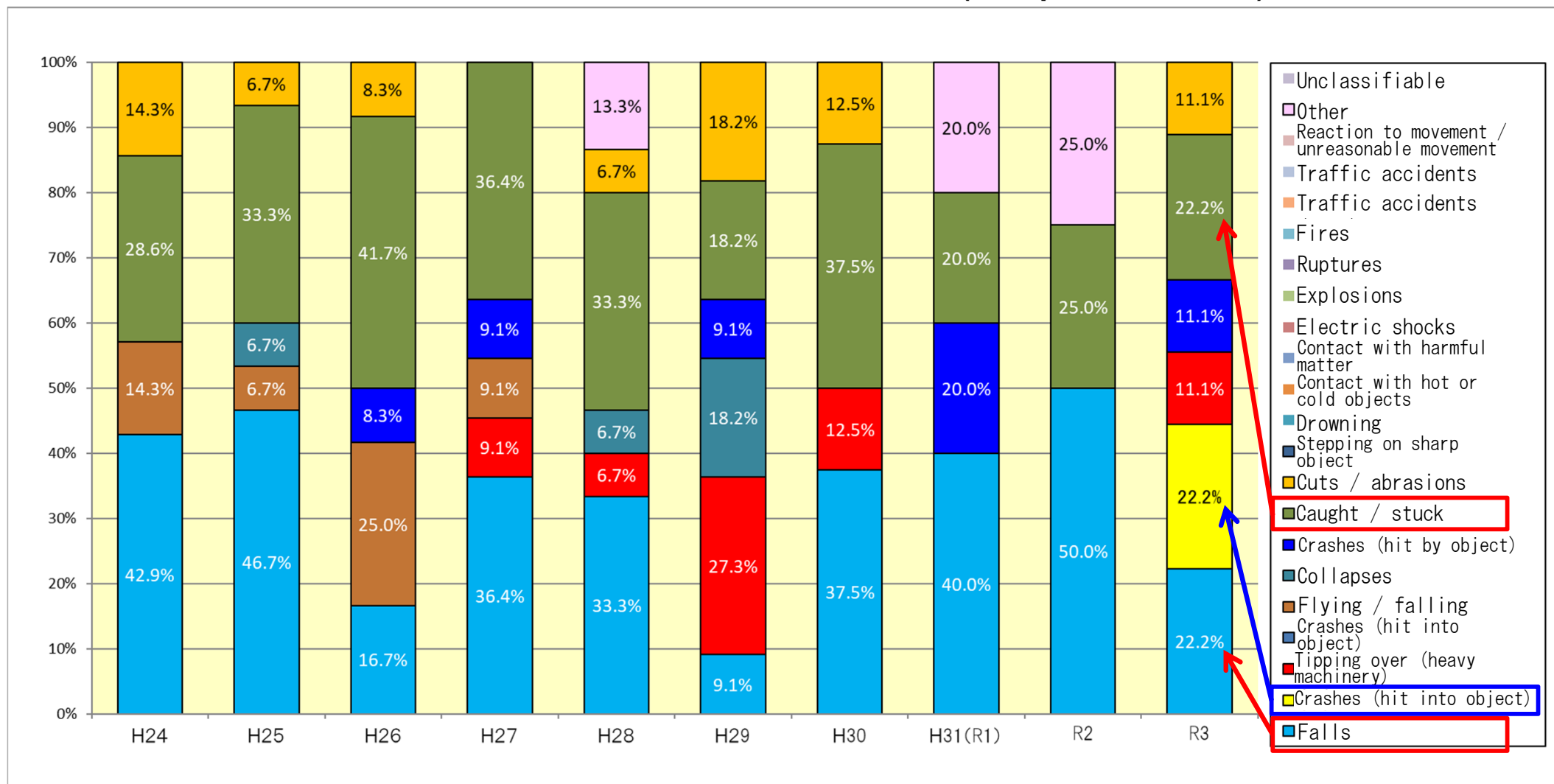


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

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

○“Falls” and “Caught / stuck” accidents occur every year. In the previous fiscal year, “Tipping over” cases due to insufficient safety measures on-site have increased.

Breakdown of construction worker accidents (occupational hazard)

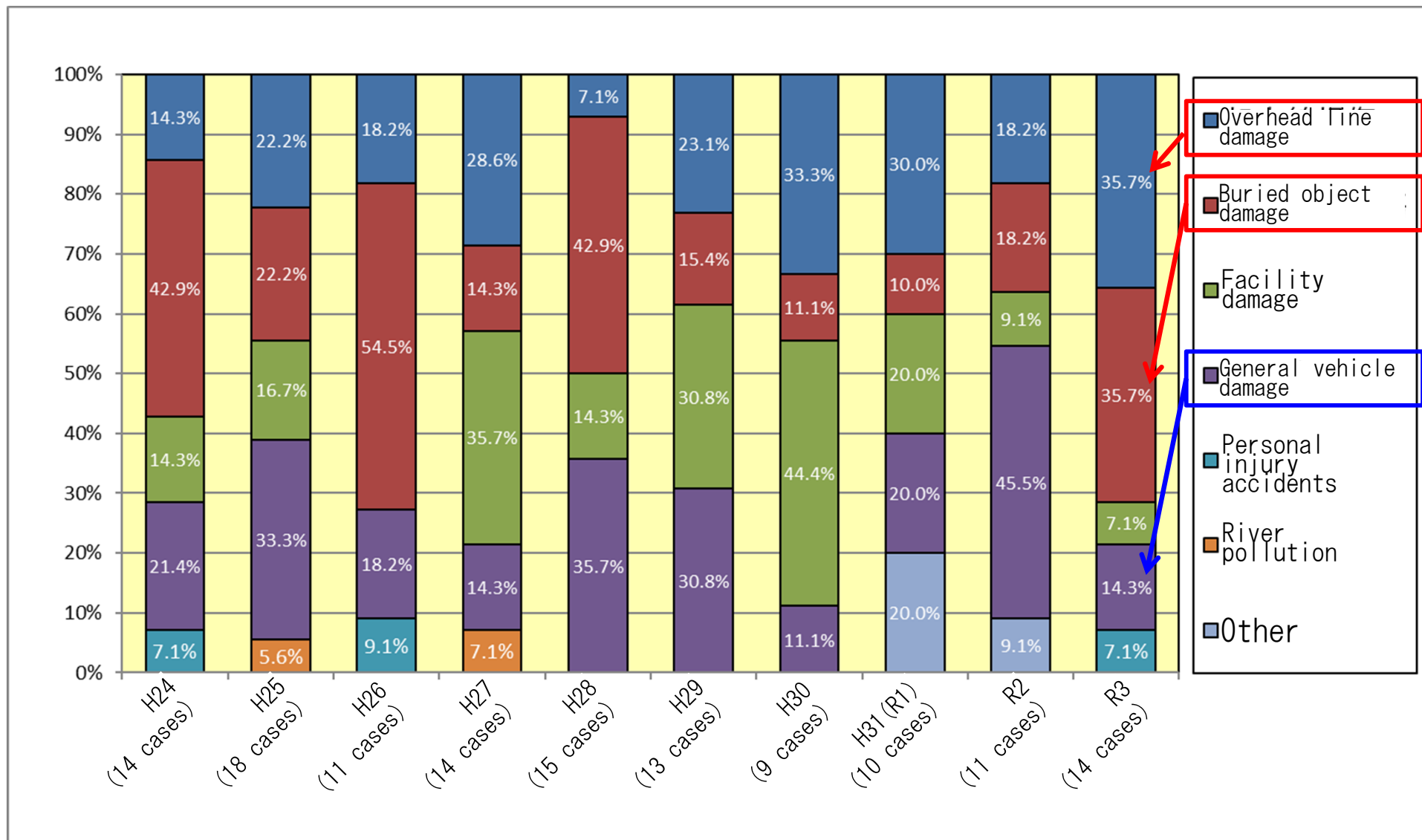


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

○In FY 2021, approximately 70% of cases were “Overhead line damage” and “Buried object damage” accidents.

○In FY 2021, the number of “General vehicle damage” cases decreased, but cases have occurred for 10 consecutive years.

Breakdown of public hazard accidents (public damage accidents)

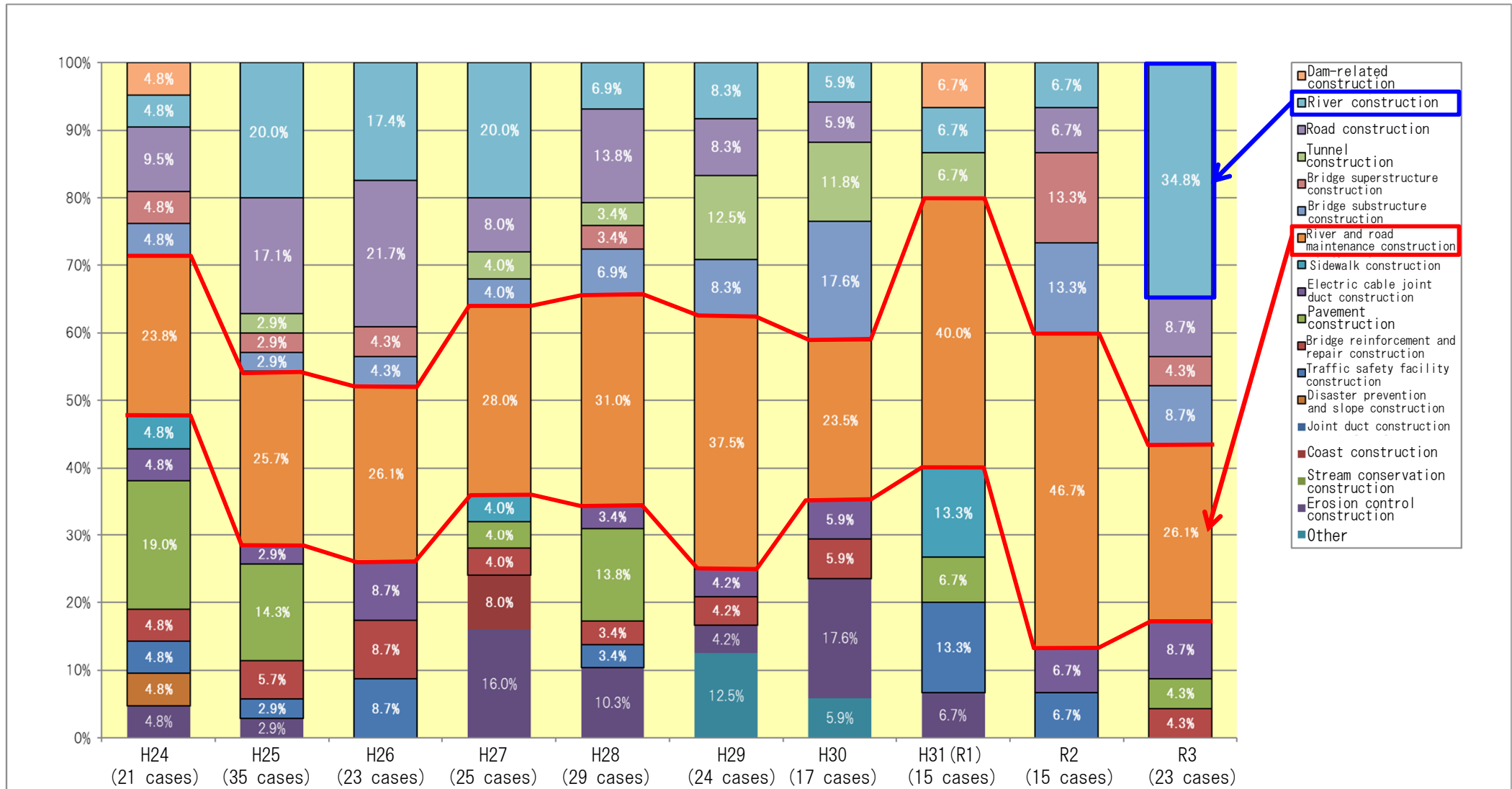


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

○Every 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 2021, the number of river construction accidents sharply increased.

Breakdown of construction work in accidents

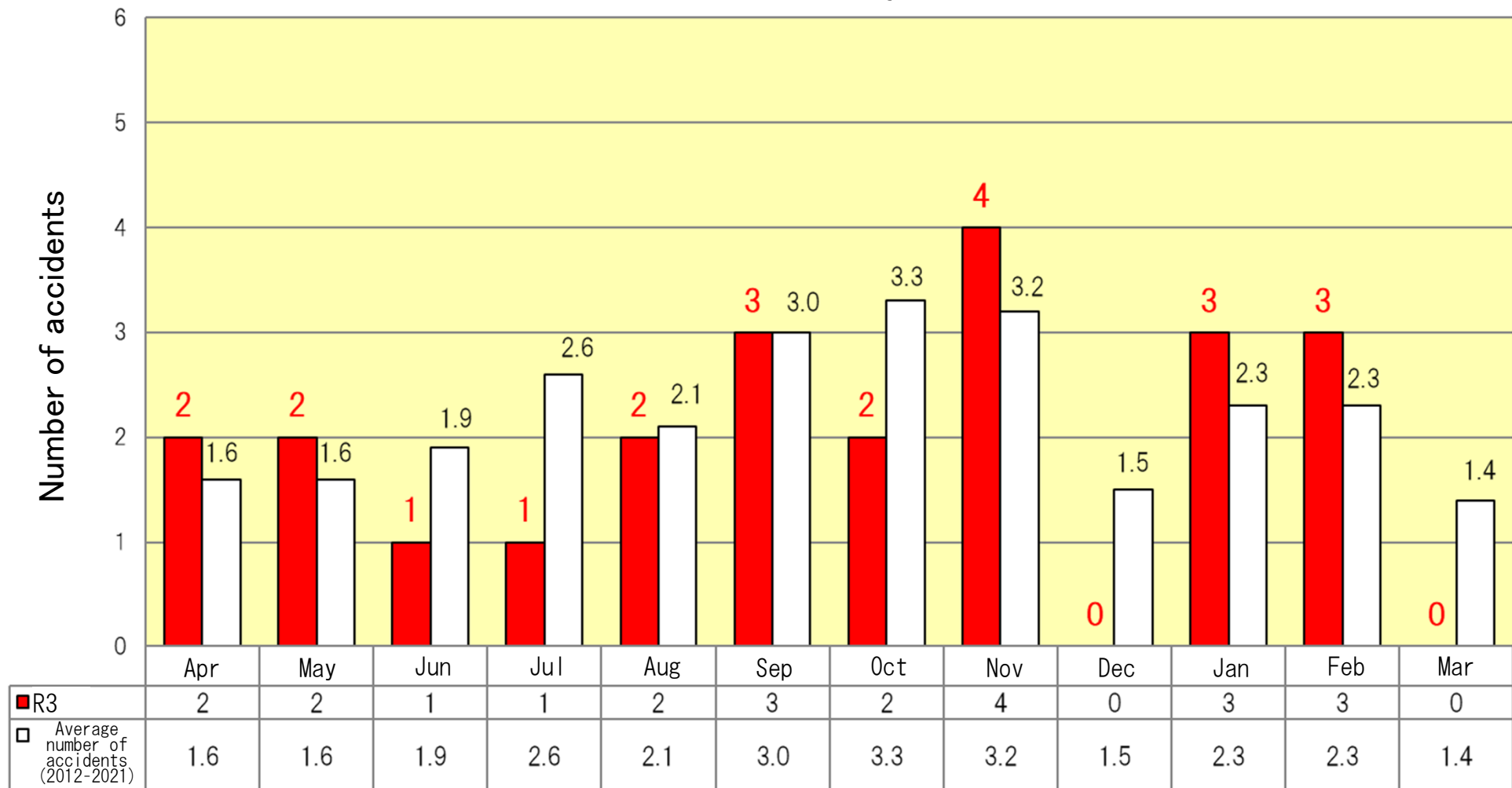


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

○ On average, over the past 10 years (2012-2021), accidents have occurred every month, with a peak of 3.3 in October.

○ In FY 2021, most accidents occurred in September, November, January, and February. The only months with zero accidents were December and March.

Number of accidents by month (2012-2021)

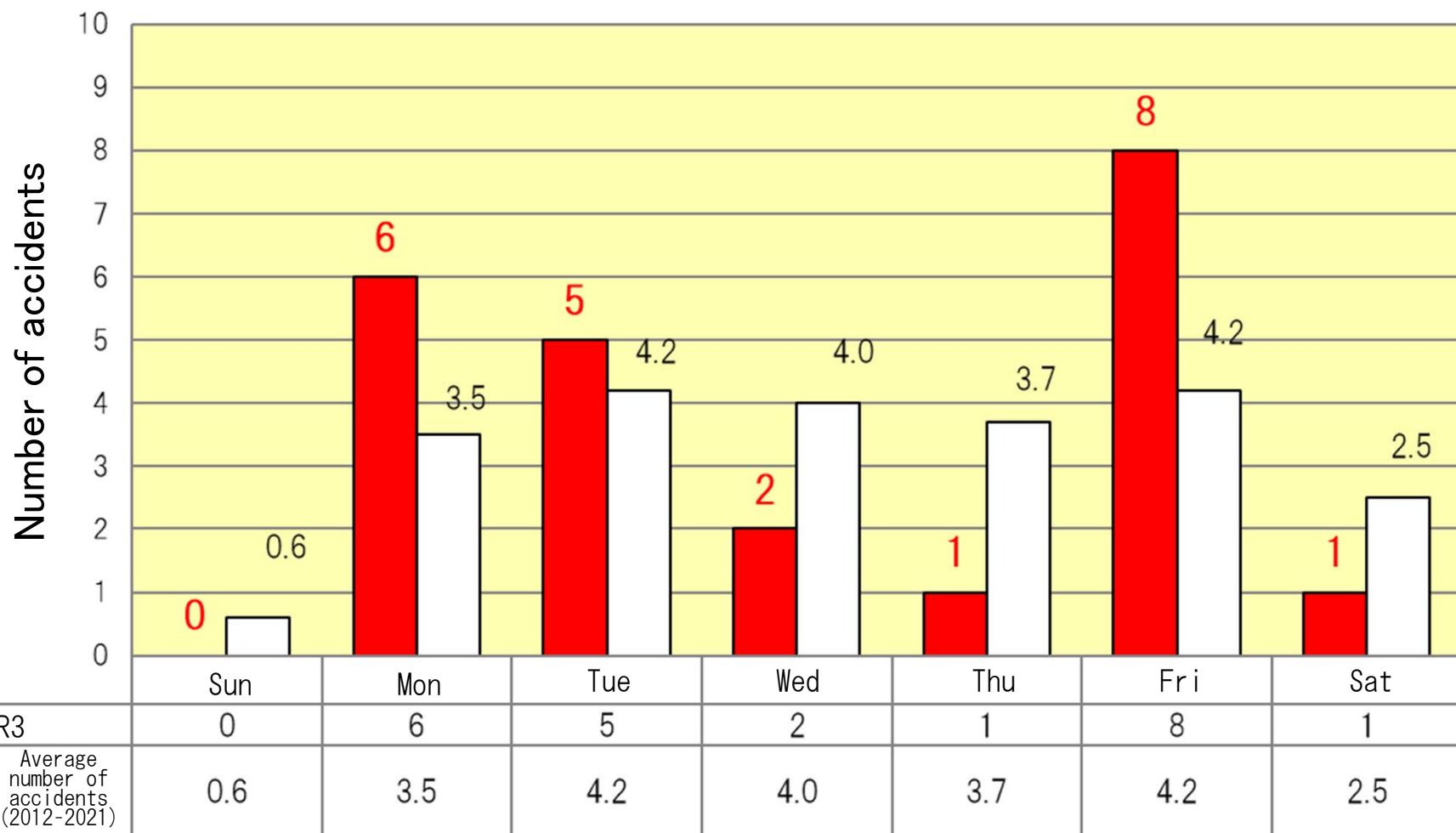


***Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures**

○ On average, over the past 10 years, approximately 4 accidents occurred on weekdays regardless of the day of the week, with the most occurring on Tuesdays and Fridays.

○ In FY 2021, accidents occurred most frequently on Mondays, Tuesdays, and Fridays. Accidents on Saturdays and Sundays had decreased, possibly due to the spread of two-day weekends.

Number of accidents by day of week (2012–2021)

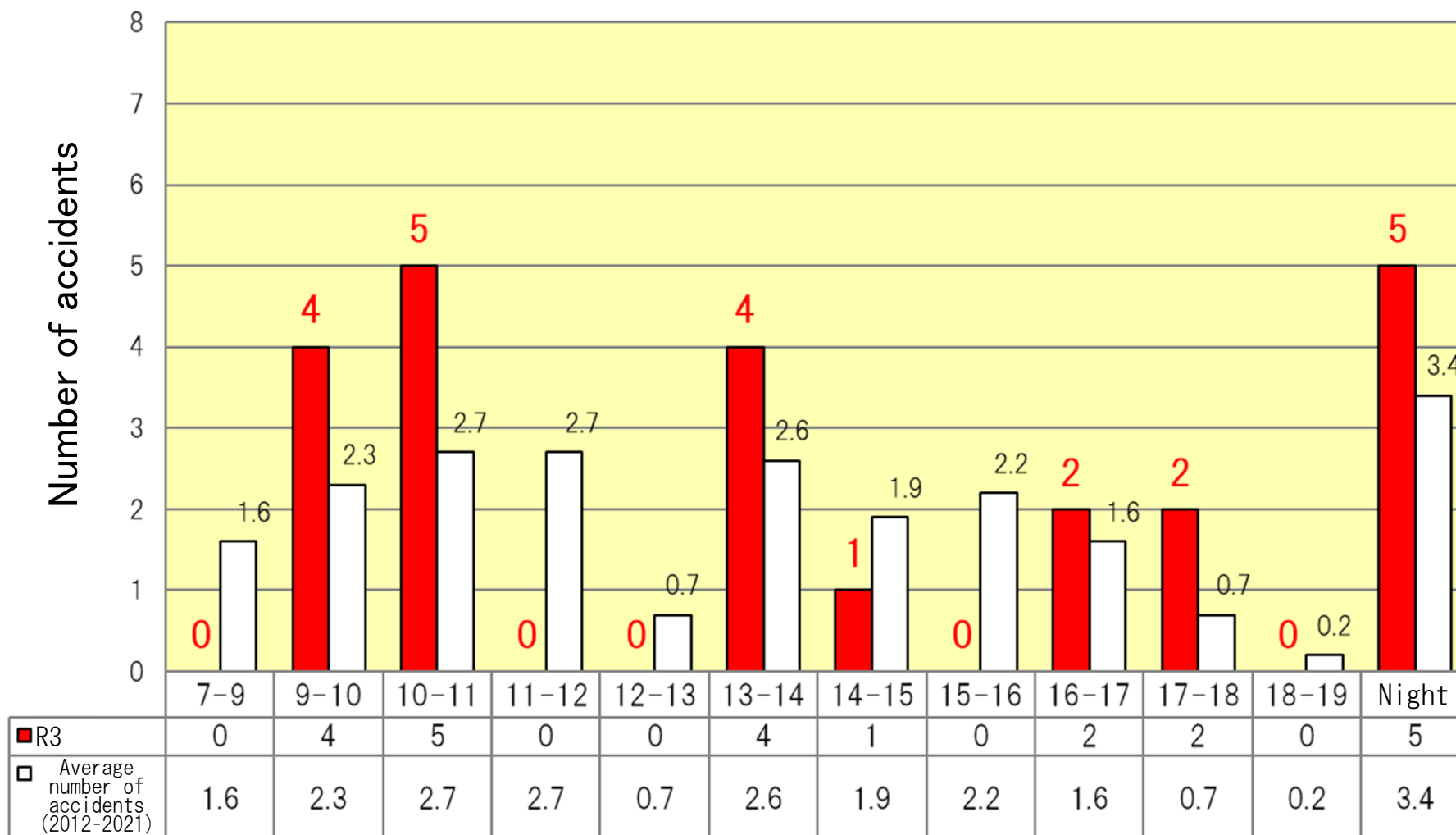


*Construction accidents excluding Maintenance Department and Airport and Port Department, where main contractors had insufficient safety management measures

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

○ In FY 2021, many accidents occurred in the morning or early afternoon immediately after work started, and at night.

Number of accidents by time period (2012–2021)



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