

NPB 2021 Season Summary Report

Season Review under the Influence of the COVID-19



Nippon Professional Baseball



Table of Contents

2021 Season Summary Report

1. Countermeasures

1-1 Number of testing	3
-----------------------------	---

2. Influence on the 2021 season

2-1 Changes of the season game schedule	4
---	---

2-2 Preferential measures for 2021 season.....	6
--	---

3. 2021 season attendances

3-1 League, Total	9
-------------------------	---

3-2 With/without audience, Classified by the countermeasures, year-on-year comparison.....	13
--	----

4. Number of cases.....	16
-------------------------	----

5. Vaccine and testing package

5-1 Season games, Climax Series.....	17
--------------------------------------	----

5-2 Japan Series (1 st and 3 rd games)	18
--	----

Appendix

1. List of cases	19
------------------------	----

1. Countermeasures

1-1 Number of testing

1st March 2021-30th November 2021

Team	Negative Cases	Positive Cases	Testing
Hokkaido Nippon Ham Fighters	2,836	1	2,837
Tohoku Rakuten Golden Eagles	5,500	0	5,500
Saitama Seibu Lions	3,235	1	3,236
Chiba Lotte Marines	2,813	1	2,814
Orix Buffaloes	1,665	1	1,666
Fukuoka SoftBank Hawks	1,594	1	1,595
Yomiuri Giants	2,741	4	2,745
Tokyo Yakult Swallows	2,714	8	2,722
Yokohama DeNA BayStars	2,850	0	2,850
Chunichi Dragons	2,046	0	2,046
Hanshin Tigers	1,685	0	1,685
Hiroshima Toyo Carp	3,218	11	3,229
Subtotal	32,897	28	32,925
Umpires	1,054	4	1,058
NPB Staff	2,140	0	2,140
Subtotal	3,194	4	3,198
Total	36,091	32	36,123

2. Influence on the 2021 season

2-1 Changes of the season game schedule

Central League

Date	Reason of reschedule	Home Team	Visiting Team	Stadium
29-Apr	State of emergency	Tokyo Yakult Swallows	Yomiuri Giants	Meiji Jingu Stadium
02-May	State of emergency	Yomiuri Giants	Chunichi Dragons	Tokyo Dome
03-May	State of emergency	Tokyo Yakult Swallows	Hanshin Tigers	Meiji Jingu Stadium
08-May	State of emergency	Yomiuri Giants	Tokyo Yakult Swallows	Tokyo Dome
11-May	State of emergency	Tokyo Yakult Swallows	Hiroshima Toyo Carp	Meiji Jingu Stadium
21-May	Positive cases in the team	Hiroshima Toyo Carp	Hanshin Tigers	MAZDA Zoom-Zoom Stadium Hiroshima
22-May	Positive cases in the team	Hiroshima Toyo Carp	Hanshin Tigers	MAZDA Zoom-Zoom Stadium Hiroshima
23-May	Positive cases in the team	Hiroshima Toyo Carp	Hanshin Tigers	MAZDA Zoom-Zoom Stadium Hiroshima

Pacific League

Date	Reason of reschedule	Home Team	Visiting Team	Stadium
29-Apr	State of emergency	Orix Buffaloes	Tohoku Rakuten Golden Eagles	Kyocera Dome Osaka
02-May	Positive cases in the team	Hokkaido Nippon Ham Fighters	Saitama Seibu Lions	Sapporo Dome
03-May	Positive cases in the team	Chiba Lotte Marines	Hokkaido Nippon Ham Fighters	ZOZO Marine Stadium
04-May	Positive cases in the team	Chiba Lotte Marines	Hokkaido Nippon Ham Fighters	ZOZO Marine Stadium
05-May	Positive cases in the team	Chiba Lotte Marines	Hokkaido Nippon Ham Fighters	ZOZO Marine Stadium

Interleague

Date	Reason of reschedule	Home Team	Visiting Team	Stadium
25-May	Positive cases in the team	Hiroshima Toyo Carp	Saitama Seibu Lions	MAZDA Zoom-Zoom Stadium Hiroshima
26-May	Positive cases in the team	Hiroshima Toyo Carp	Saitama Seibu Lions	MAZDA Zoom-Zoom Stadium Hiroshima

Reason of reschedule	Central League	Pacific League	Interleague	Total
State of emergency	5	1	0	6
Positive cases in the team	3	4	2	9
Total	8	5	2	15

2. Influence on the 2021 season

2-1 Changes of the season game schedule

Date	Central League	Pacific League
16-Oct	Sat.	
17-Oct	Sun.	End of the original schedule
18-Oct	Mon.	
19-Oct	Tue.	
20-Oct	Wed.	
21-Oct	Thu.	End of the original schedule
22-Oct	Fri.	
23-Oct	Sat	End of rain date (preliminary date)
24-Oct	Sun	
25-Oct	Mon	End of rain date (preliminary date)
26-Oct	Tue	
27-Oct	Wed	
28-Oct	Thu	
29-Oct	Fri	
30-Oct	Sat	Climax Series First Stage ①
31-Oct	Sun	Climax Series First Stage ②
01-Nov	Mon	Climax Series First Stage ③
02-Nov	Tue	Rain Date
03-Nov	Wed	Climax Series Final Stage ①
04-Nov	Thu	Climax Series Final Stage ②
05-Nov	Fri	Climax Series Final Stage ③
06-Nov	Sat	Climax Series Final Stage ④
07-Nov	Sun	Climax Series Final Stage ⑤
08-Nov	Mon	Climax Series Final Stage ⑥
09-Nov	Tue	Rain Date
10-Nov	Wed	Rain Date
11-Nov	Thu	
12-Nov	Fri	
13-Nov	Sat	Nippon Series ① (Pacific League Team Home Stadium)
14-Nov	Sun	Nippon Series ② (Pacific League Team Home Stadium)
15-Nov	Mon	
16-Nov	Tue	Nippon Series ③ (Central League Team Home Stadium)
17-Nov	Wed	Nippon Series ④ (Central League Team Home Stadium)
18-Nov	Thu	Nippon Series ⑤ (Central League Team Home Stadium)
19-Nov	Fri	
20-Nov	Sat	Nippon Series ⑥ (Pacific League Team Home Stadium)
21-Nov	Sun	Nippon Series ⑦ (Pacific League Team Home Stadium)
22-Nov	Mon	
23-Nov	Tue	
24-Nov	Wed	
25-Nov	Thu	
26-Nov	Fri	
27-Nov	Sat	
28-Nov	Sun	
29-Nov	Mon	
30-Nov	Tue	NPB AWARDS



Date	Central League	Pacific League
16-Oct	Sat.	
17-Oct	Sun.	End of the original schedule
18-Oct	Mon.	
19-Oct	Tue.	
20-Oct	Wed.	
21-Oct	Thu.	End of the original schedule
22-Oct	Fri.	
23-Oct	Sat	End of rain date (preliminary date)
24-Oct	Sun	
25-Oct	Mon	End of rain date (preliminary date)
26-Oct	Tue	
27-Oct	Wed	
28-Oct	Thu	
29-Oct	Fri	
30-Oct	Sat	
31-Oct	Sun	
01-Nov	Mon	
02-Nov	Tue	
03-Nov	Wed	
04-Nov	Thu	
05-Nov	Fri	
06-Nov	Sat	Climax Series First Stage ①
07-Nov	Sun	Climax Series First Stage ②
08-Nov	Mon	Climax Series First Stage ③
09-Nov	Tue	Rain Date
10-Nov	Wed	Climax Series Final Stage ①
11-Nov	Thu	Climax Series Final Stage ②
12-Nov	Fri	Climax Series Final Stage ③
13-Nov	Sat	Climax Series Final Stage ④
14-Nov	Sun	Climax Series Final Stage ⑤
15-Nov	Mon	Climax Series Final Stage ⑥
16-Nov	Tue	Rain Date
17-Nov	Wed	Rain Date
18-Nov	Thu	
19-Nov	Fri	
20-Nov	Sat	Nippon Series ① (Pacific League Team Home Stadium)
21-Nov	Sun	Nippon Series ② (Pacific League Team Home Stadium)
22-Nov	Mon	
23-Nov	Tue	Nippon Series ③ (Central League Team Home Stadium)
24-Nov	Wed	Nippon Series ④ (Central League Team Home Stadium)
25-Nov	Thu	Nippon Series ⑤ (Central League Team Home Stadium)
26-Nov	Fri	
27-Nov	Sat	Nippon Series ⑥ (Pacific League Team Home Stadium)
28-Nov	Sun	Nippon Series ⑦ (Pacific League Team Home Stadium)
29-Nov	Mon	
30-Nov	Tue	
15-Dec	Wed	NPB AWARDS

2. Influence on the 2021 season

2-2 Preferential measures for 2021 season

Preferential measures for the 2021 season are set out as follows.

【Number of games】

The regular season games will be 143 games for each team, with round-robins among 6 teams (25 rounds) and 18 games as interleague games. There will be no draw rematch.

【Section management】

All the regular season games of this season shall be managed by each league federation.

【Inning limitation】

If the score is still tied after nine innings, the game shall be called a tie game.

【Number of players allowed to participate in a regular season game】

Only players registered by the team as participating players (31 players) may participate in a regular season game.

A team may register up to 5 foreign players to play in a regular season game. However, no more than 4 players may be applied for registration as a fielder or pitcher at the same time. In the case of a foreign player in the lineup, 4 players may not be in the lineup as a fielder at the same time.

【Personnel allowed in the dugout】

During a game (from the time the batting order is exchanged to the end of the game), a maximum of 43 players may be in the dugout, and they must be registered in advance. (The maximum number of the player is 26, whereas previously 25)

2. Influence on the 2021 season

2-2 Preferential measures for 2021 season

【Application for new registrations and player transfers】

The transfer of players and the roster of players shall be publicly announced by the federation on the day of the game, regardless of the day of the week, at least 2 hours before the scheduled start of the game (or by 3.00 p.m. on days when no game is scheduled), upon receipt of a request via the NPB Network or by sending an e-mail. The same procedure applies to managers, coaches and bench staff.

* The starting lineup shall be exchanged in the umpires' room 1 hour before the scheduled start of the game.

【*Preferential Measures 2021*】

If any team-related personnel suspect that he/she or a member of his/her family is infected with COVID-19 or has any symptoms such as fever, *Preferential Measures 2021* can be applied.

【Decision on whether the game will be played and whether the game can continue】

If, on the day of the game, there is a positive case (or a close contact case) or a case requiring observation in the team, and if 26 registered players are not available (or the number of players that the team thinks is available) at least 2 hours before the game, the team may decide in advance to cancel the game, with the approval of the league director-general and the opposing team.

【Note】 If it is cancelled or suspended due to the influence of COVID-19, neither the home team nor the visiting team will claim any business compensation.

2. Influence on the 2021 season

2-2 Preferential measures for 2021 season

【Allocation and number of umpires】

When there is a suspected case (an observation due to fever) in an umpire crew on the day of a game and 4 umpires are not entirely available, the rest available will participate in the game. No umpires will be added to the crew on the day of the event but will be replaced wholly by a new crew on the following day.

【Inter-team invitations】

The issuing of invitations by a home team to a visiting team ceases during periods of no-spectator games and during periods of reduced entry. The same applies to invitations to umpires and scorers.

3. 2021 season attendances

3-1 League, Total (In order of the number of attendances)

【Central League】						< Reference >							
2021						2020				2019			
Team	Game	Attendance	Ave. per Game	Maximum attendance	Minimum attendance	Team	Game	Attendance	Ave. per Game	Team	Game	Attendance	Ave. per Game
Hiroshima Toyo Carp	72	976,306	13,560	16,479	6,721	Hiroshima Toyo Carp	60	537,857	8,964	Hiroshima Toyo Carp	71	2,223,619	31,319
Yomiuri Giants	72	812,612	11,286	17,729	4,250	Yomiuri Giants	60	492,526	8,209	Yomiuri Giants	71	3,027,682	42,643
Hanshin Tigers	71	749,433	10,555	18,202	4,979	Hanshin Tigers	60	517,944	8,632	Hanshin Tigers	72	3,091,335	42,935
Yokohama DeNA BayStars	71	725,858	10,223	16,479	4,836	Yokohama DeNA BayStars	60	467,700	7,795	Yokohama DeNA BayStars	72	2,283,524	31,716
Tokyo Yakult Swallows	72	675,258	9,379	14,667	4,879	Tokyo Yakult Swallows	60	360,593	6,010	Tokyo Yakult Swallows	71	1,955,578	27,543
Chunichi Dragons	71	593,791	8,363	15,618	4,740	Chunichi Dragons	60	378,006	6,300	Chunichi Dragons	72	2,285,333	31,741
Total	429	4,533,258	10,567			Total	360	2,754,626	7,652	Total	429	14,867,071	34,655

【Pacific League】						< Reference >							
2021						2020				2019			
Team	Game	Attendance	Ave. per Game	Maximum attendance	Minimum attendance	Team	Game	Attendance	Ave. per Game	Team	Game	Attendance	Ave. per Game
Chiba Lotte Marines	72	633,453	8,798	14,942	3,802	Chiba Lotte Marines	60	389,995	6,500	Chiba Lotte Marines	71	1,665,891	23,463
Saitama Seibu Lions	71	620,346	8,737	13,399	4,353	Saitama Seibu Lions	60	300,120	5,002	Saitama Seibu Lions	72	1,821,519	25,299
Tohoku Rakuten Golden Eagles	72	615,237	8,545	14,681	4,194	Tohoku Rakuten Golden Eagles	60	236,084	3,935	Tohoku Rakuten Golden Eagles	71	1,821,785	25,659
Hokkaido Nippon Ham Fighters	71	544,818	7,673	20,569	1,747	Hokkaido Nippon Ham Fighters	60	276,471	4,608	Hokkaido Nippon Ham Fighters	72	1,970,516	27,368
Fukuoka SoftBank Hawks	71	462,060	6,508	18,584	1,630	Fukuoka SoftBank Hawks	60	532,723	8,879	Fukuoka SoftBank Hawks	72	2,656,182	36,891
Orix Buffaloes	72	431,601	5,994	14,715	4,478	Orix Buffaloes	60	333,559	5,559	Orix Buffaloes	71	1,733,998	24,423
Total	429	3,307,515	7,710			Total	360	2,068,952	5,747	Total	429	11,669,891	27,203

【Total attendance of the 12 teams】						< Reference >							
2021						2020				2019			
Total of 12 teams	858	7,840,773	9,138			Total of 12 teams	720	4,823,578	6,699	Total of 12 teams	858	26,536,962	30,929

※All games completed.

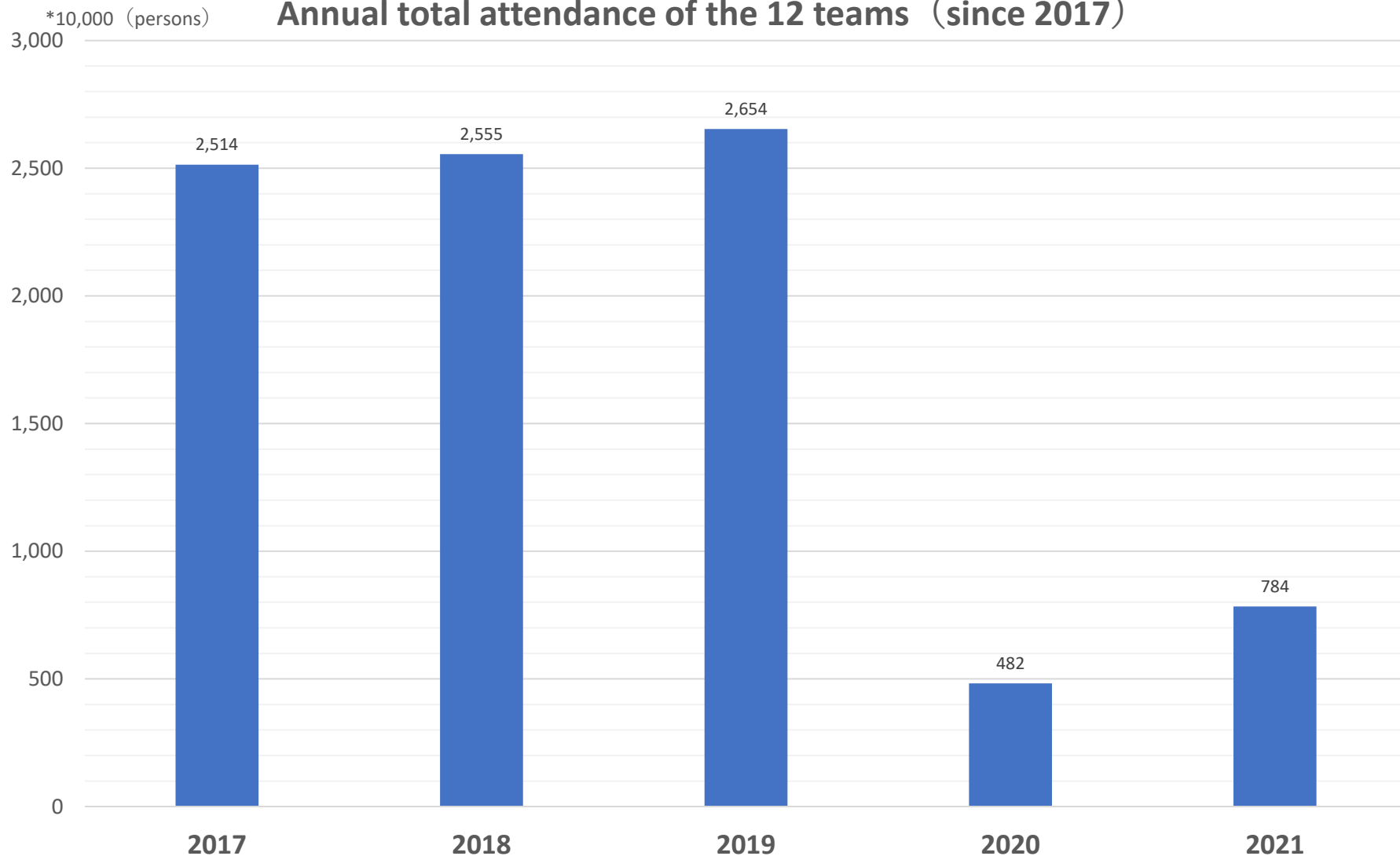
※Only home games are included in the calculation.

※The number of games, total attendance and the average attendance per game include games without attendance, while the number of maximum and minimum attendance do not include without audience.

3. 2021 season attendances

3-1 League, Total

Annual total attendance of the 12 teams (since 2017)

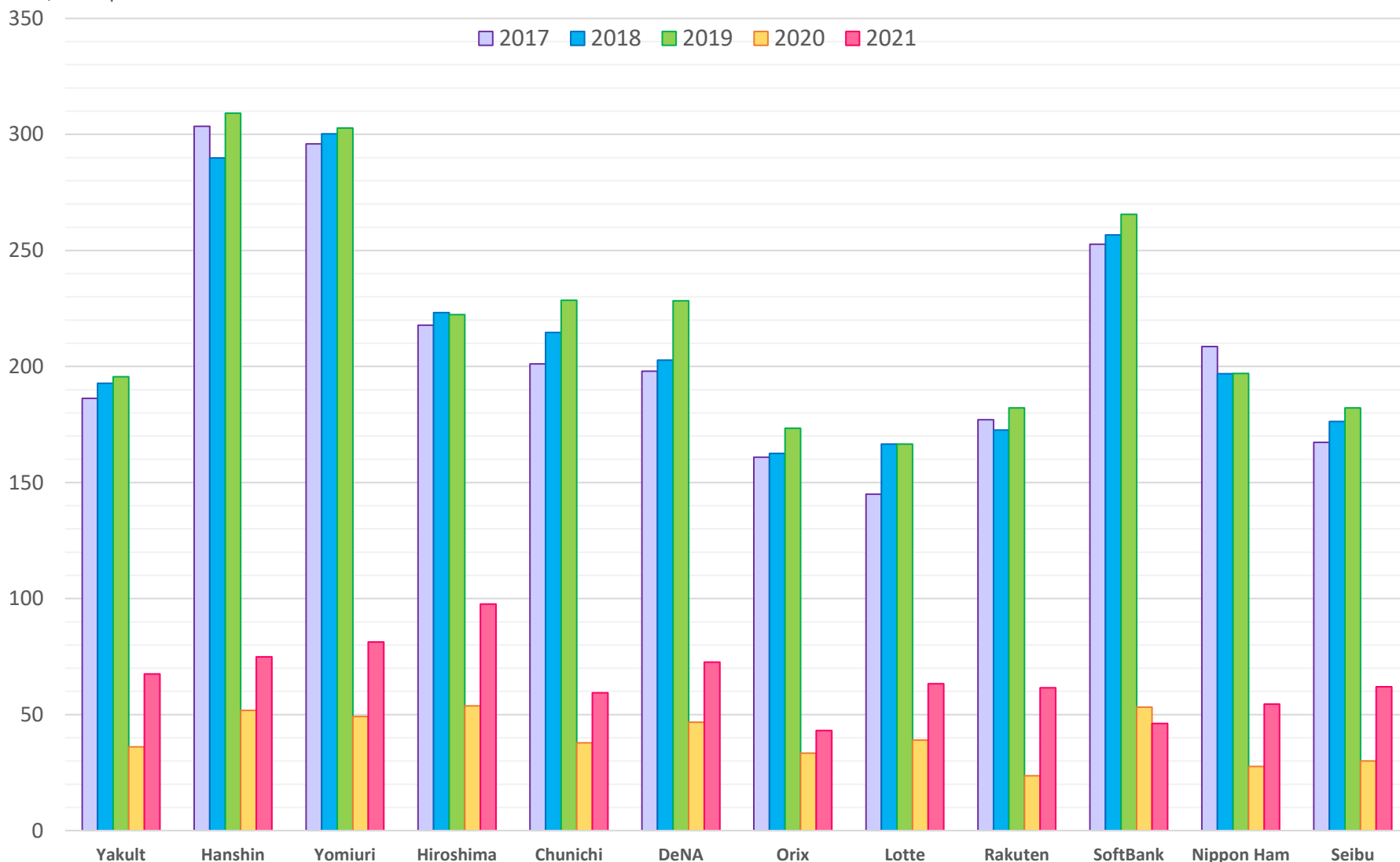


3. 2021 season attendances

3-1 League, Total

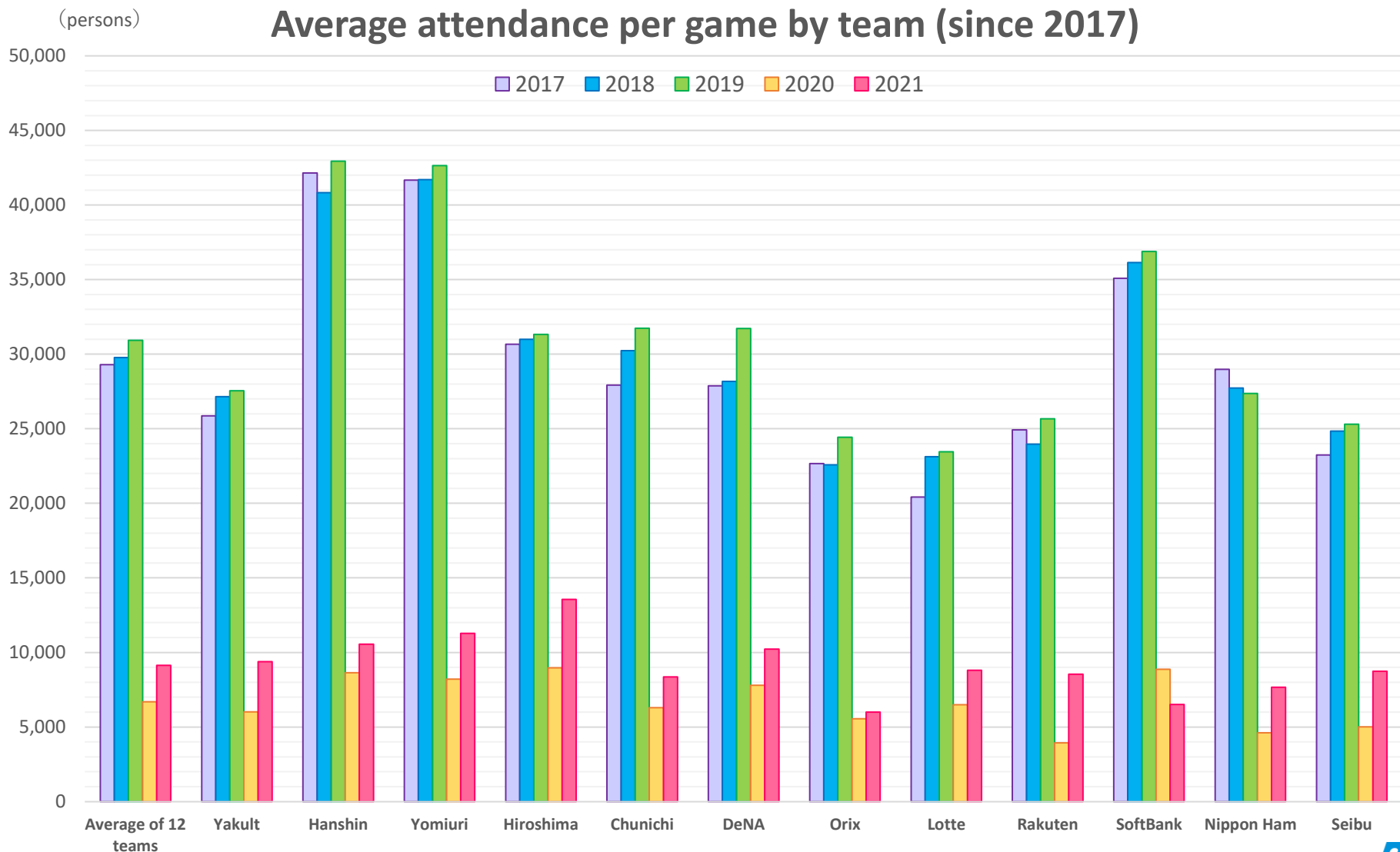
Annual attendance by team (Since 2017)

*10,000 (persons)



3. 2021 season attendances

3-1 League, Total



3. 2021 season attendances

3-2 With/without audience, Classified by the countermeasures, year-on-year comparison

(1) With/without audience

	Total of the 2021 season			Without audience	With audience		
	Attendance	Game	Ave./game	Game	Attendance	Game	Ave./game
Tokyo Yakult Swallows	675,258	72	9,379	4	675,258	68	9,930
Hanshin Tigers	749,433	71	10,555	3	749,433	68	11,021
Yomiuri Giants	812,612	72	11,286	4	812,612	68	11,950
Hiroshima Toyo Carp	976,306	72	13,560	0	976,306	72	13,560
Chunichi Dragons	593,791	71	8,363	0	593,791	71	8,363
Yokohama DeNA BayStars	725,858	71	10,223	0	725,858	71	10,223
Total of the Central League	4,533,258	429	10,567	11	4,533,258	418	10,845
						0	
Orix Buffaloes	431,601	72	5,994	13	431,601	59	7,315
Chiba Lotte Mariens	633,453	72	8,798	0	633,453	72	8,798
Tohoku Rakuten Golden Eagles	615,237	72	8,545	0	615,237	72	8,545
Fukuoka SoftBank Hawks	462,060	71	6,508	17	462,060	54	8,557
Hokkaido Nippon Ham Fighters	544,818	71	7,673	1	544,818	70	7,783
Saitama Seibu Lions	620,346	71	8,737	0	620,346	71	8,737
Total of the Pacific League	3,307,515	429	7,710	31	3,307,515	398	8,310
Total	7,840,773	858	9,138	42	7,840,773	816	9,609

3. 2021 season attendances

3-2 With/without audience, Classified by the countermeasures, year-on-year comparison

(2) Classified by the countermeasures

	Total of the 2021 season			State of emergency			Pre-emergency measures			Others		
	Attendance	Game	Ave./game	Attendance	Game	Ave./game	Attendance	Game	Ave./game	Attendance	Game	Ave./game
Tokyo Yakult Swallows	675,258	72	9,379	308,548	40	7,714	133,284	13	10,253	233,426	19	12,286
Hanshin Tigers	749,433	71	10,555	330,158	38	8,688	206,413	18	11,467	212,862	15	14,191
Yomiuri Giants	812,612	72	11,286	428,315	42	10,198	164,939	13	12,688	219,358	17	12,903
Hiroshima Toyo Carp	976,306	72	13,560	272,060	23	11,829	24,075	2	12,038	680,171	47	14,472
Chunichi Dragons	593,791	71	8,363	226,997	31	7,322	215,322	23	9,362	151,472	17	8,910
Yokohama DeNA BayStars	725,858	71	10,223	176,069	21	8,384	284,890	25	11,396	264,899	25	10,596
Total of the Central League	4,533,258	429	10,567	1,742,147	195	8,934	1,028,923	94	10,946	1,762,188	140	12,587
Orix Buffaloes	431,601	72	5,994	152,256	36	4,229	130,507	21	6,215	148,838	15	9,923
Chiba Lotte Mariens	633,453	72	8,798	181,617	19	9,559	224,708	28	8,025	227,128	25	9,085
Tohoku Rakuten Golden Eagles	615,237	72	8,545	36,913	6	6,152	146,778	23	6,382	431,546	43	10,036
Fukuoka SoftBank Hawks	462,060	71	6,508	46,361	31	1,496	63,086	10	6,309	352,613	30	11,754
Hokkaido Nippon Ham Fighters	544,818	71	7,673	148,211	26	5,700	89,338	11	8,122	307,269	34	9,037
Saitama Seibu Lions	620,346	71	8,737	175,166	22	7,962	199,957	23	8,694	245,223	26	9,432
Total of the Pacific League	3,307,515	429	7,710	740,524	140	5,289	854,374	116	7,365	1,712,617	173	9,900
Total	7,840,773	858	9,138	2,482,671	335	7,411	1,883,297	210	8,968	3,474,805	313	11,102

3. 2021 season attendances

3-2 With/without audience, Classified by the countermeasures, year-on-year comparison

(3) Year-on-year comparison

	2021							2020			2019		
	Game	Attendance	Compared with 2020	Compared with 2019	Average attendance per game	Compared with 2020	Compared with 2019	Game	Attendance	Average attendance per game	Game	Attendance	Average attendance per game
Tokyo Yakult Swallows	72	675,258	+87.3%	-65.5%	9,379	+56.1%	-65.9%	60	360,593	6,010	71	1,955,578	27,543
Hanshin Tigers	71	749,433	+44.7%	-75.8%	10,555	+22.3%	-75.4%	60	517,944	8,632	72	3,091,335	42,935
Yomiuri Giants	72	812,612	+65.0%	-73.2%	11,286	+37.5%	-73.5%	60	492,526	8,209	71	3,027,682	42,643
Hiroshima Toyo Carp	72	976,306	+81.5%	-56.1%	13,560	+51.3%	-56.7%	60	537,857	8,964	71	2,223,619	31,319
Chunichi Dragons	71	593,791	+57.1%	-74.0%	8,363	+32.7%	-73.7%	60	378,006	6,300	72	2,285,333	31,741
Yokohama DeNA BayStars	71	725,858	+55.2%	-68.2%	10,223	+31.1%	-67.8%	60	467,700	7,795	72	2,283,524	31,716
Total of the Central League	429	4,533,258	+64.6%	-69.5%	10,567	+38.1%	-69.5%	360	2,754,626	7,652	429	14,867,071	34,655
Orix Buffaloes	72	431,601	+29.4%	-75.1%	5,994	+7.8%	-75.5%	60	333,559	5,559	71	1,733,998	24,423
Chiba Lotte Mariens	72	633,453	+62.4%	-62.0%	8,798	+35.4%	-62.5%	60	389,995	6,500	71	1,665,891	23,463
Tohoku Rakuten Golden Eagles	72	615,237	+160.6%	-66.2%	8,545	+117.2%	-66.7%	60	236,084	3,935	71	1,821,785	25,659
Fukuoka SoftBank Hawks	71	462,060	-13.3%	-82.6%	6,508	-26.7%	-82.4%	60	532,723	8,879	72	2,656,182	36,891
Hokkaido Nippon Ham Fighters	71	544,818	+97.1%	-72.4%	7,673	+66.5%	-72.0%	60	276,471	4,608	72	1,970,516	27,368
Saitama Seibu Lions	71	620,346	+106.7%	-65.9%	8,737	+74.7%	-65.5%	60	300,120	5,002	72	1,821,519	25,299
Total of the Pacific League	429	3,307,515	+59.9%	-71.7%	7,710	+34.2%	-71.7%	360	2,068,952	5,747	429	11,669,891	27,203
Total	858	7,840,773	+62.6%	-70.5%	9,138	+36.4%	-70.5%	720	4,823,578	6,699	858	26,536,962	30,929

4. Number of cases

As of 10 December

		Number of cases	Note
Team-related personnel	Positive cases	29	61 persons in total
	Negative cases and suspected cases	32	
Cases on close contacts and family members		29	In 13 of the cases, team related personnel was identified as a close contact.
Cases concerning staff who have no contact with the team		20	
Cases on public audience		13	※No infections or close contact can be attributed to the activities at the stadium.

※ In addition to the above, one foreign national who newly entered Japan tested positive during quarantine.

5. Vaccine and testing package

5-1 Season games, Climax Series

Team	Yomiuri Giants		Fukuoka SoftBank Hawks		Orix Buffaloes		Tohoku Rakuten Golden Eagles		Hanshin Tigers		Yokohama DeNA BayStars		Tokyo Yakult Swallows	
Event	Regular Season (Central League)		Regular Season (Pacific League)		Regular Season (Pacific League)		Regular Season (Pacific League)		Regular Season (Central League)		Regular Season (Central League)		Climax Series	
Stadium	Tokyo Dome (Tokyo)		Fukuoka PayPay Dome (Fukuoka)		Kyocera Dome Osaka (Osaka)		Rakuten Seimei Park Miyagi (Miyagi)		Hanshin Koshien Stadium (Hyogo)		Yokohama Stadium (Kanagawa)		Meiji Jingu Stadium (Tokyo)	
Date/Attendance	Oct. 14 (Thu.)	16,027 (V/T 13)	Oct. 19 (Tue.)	14,607 (V/T 4,296)	Oct. 21 (Thu.)	14,715 (V/T 2,359)	Oct. 23 (Sat.)	10,554 (V/T 1,343)	Oct. 23 (Sat.)	10,921 (V/T 3,252)	Oct. 26 (Tue.)	14,747 (V/T 4,855)	Nov. 10 (Wed.)	17,792
	Oct. 16 (Sat.)	16,170 (V/T 18)	Oct. 21 (Thu.)	14,607 (V/T 4,710)	—	—	Oct. 24 (Sun.)	11,275 (V/T 1,322)	—	—	—	—	Nov. 11 (Thu.)	17,230
	Oct. 23 (Sat.)	16,782 (V/T 28)	—	—	—	—	Oct. 25 (Mon.)	9,573 (V/T 760)	—	—	—	—	Nov. 12 (Fri.)	19,022
	—	—	—	—	—	—	Oct. 27 (Wed.)	11,074 (V/T 1,248)	—	—	—	—	—	—
Main research topics	<p>①Operation (time and workforce required for various operations) ⇒ Average of 35 seconds per person in 7 stadiums ※The time includes only the verification of documents such as certificate of vaccination and negative test results. ※An additional 45 seconds per person to obtain or register personal data at the reception desk (hand sanitisation, baggage checks, etc. take only a few seconds)</p> <p>②Ratio of vaccinated to those who have taken the test (to determine the ratio of vaccinated to those who have tested negative) ⇒ 98% had a certificate of vaccination</p> <p>③Behavioural change at the games (to see the behavioural change of the people seating at the V/T seats) ⇒ No difference can be seen between other areas</p> <p>④Other (Any confusion, problems or issues, if any) ⇒ No significant problems</p>													

5. Vaccine and testing package

5-2 Japan Series (Game 1 and Game 3)

	Game 1		Game 3	
Stadium	Kyocera Dome Osaka (Osaka)		Tokyo Dome (Tokyo)	
Date/ Attendance	Nov. 20 (Sat.)	19,290 (V/T 5,331)	Nov.23 (Tue.)	23,567 (V/T 5,537)
Main research topics	<p>■Operation</p> <p>①Time and workforce required for various operations ⇒ With 5,000 people this time, it was just possible to register four hours before the playball. It will be difficult to increase the number of attendance with V/T packages in the future with the current operation.</p> <p>②Dealing with irregularities ⇒ Of the 5,331 attendance with the V/T package, 18 were not carrying their documents but could be verified by other means, 8 had their seats transferred, and 7 returned home without a refund.</p> <p>■Audience</p> <p>①Ticket sales ⇒ There was almost no difference in the sales trend between the regular seats and the V/T package seats.</p> <p>②Ratio of vaccinated to those who have taken the test (to determine the ratio of vaccinated to those who have tested negative) ⇒ 98.2% had a certificate of vaccination</p> <p>③Conducting audience surveys</p> <p>■Technical Analysis</p> <p>①Mask wearing rate, human flow measurement using laser radar, acoustic measurement, CO2 concentration measurement</p>		<p>■Operation</p> <p>①Time and workforce required for various operations ⇒ During the peak period, an average of 1 to 2 minutes per person to check and identify documents or certificates with 60 receptions maximum.</p> <p>②Dealing with irregularities ⇒ In addition to not carrying the documents, there are other reasons such as not filling in the date of vaccination on the vaccination certificate, taking the PCR test less than 3 days before the match, vaccination within 2 weeks, etc.</p> <p>■Audience</p> <p>①Ticket sales ⇒ There was almost no difference in the sales trend between the regular seats and the V/T package seats.</p> <p>②Ratio of vaccinated to those who have taken the test (to determine the ratio of vaccinated to those who have tested negative) ⇒ 99.0% had a certificate of vaccination</p> <p>③Conducting audience surveys</p> <p>■Technical Analysis</p> <p>①Mask wearing rate, human flow measurement using laser radar, acoustic measurement, CO2 concentration measurement</p>	

Appendix List of cases

List of positive cases related to teams and related staff: 29 cases (61 persons)

	Date	Team	Position	Details	Confirmed positive date	Symptoms	Onset Date	Close contact within teams	Team return date	
1	Mar. 24	Tokyo Yakult Swallows	Team officials	Three team officials tested positive at regular testings.	Mar. 23 (Regular testing)	Fever	Mar. 25	1 (Team officials)	Apr. 5	
			Team officials		Mar. 23 (Regular testing)	Chest pain	Mar. 24		Apr. 5	
			Team officials		Mar. 23 (Regular testing)	Fever, fatigue	Mar. 26		Apr. 5	
			Team staff	Tested positive at a screening test following an outbreak of positive tests in regular testings	Mar. 24 (Screening test)	None	—	None	Apr. 5	
2	Mar. 31	Tokyo Yakult Swallows	Player	Positive screening test after receiving reports of positive cases from two manufacturers of equipment who had contact with team related members.	Mar. 31 (Screening test)	None	—	3 (Players)	Apr. 16	
			Team staff		None	—	Apr. 16			
3	Apr. 4	Yomiuri Giants	Player	Tested positive at a regular testing (SmartAmp) on 3 April, confirmed positive again on 4 April.	Apr. 3 & 4 (SmartAmp)	None	—	1 (Team officials)	Apr. 20	
			Player		Apr. 3 & 4 (SmartAmp)	None	—		Apr. 20	
			Player		Apr. 3 & 4 (SmartAmp)	None	—		Apr. 20	
			Player	Tested positive at pre-game screening test (SmartAmp) on the 4th, confirmed positive again on the 5th.	Apr. 4 & 5 (SmartAmp)	None	—		Apr. 20	
4	Apr. 30	Hokkaido Nippon Ham Fighters	Player	Complained of fever on the 30th and tested positive for PCR.	Apr. 30	Fever	Apr. 30	2 → 1 (Player) ※one tested positive on the 1st	May. 11	
			Player	Complained of a slight fever and sore throat on the 30th and tested positive for PCR.	Apr. 30	Fever	Apr. 30		May. 14	
			Player	Complained of a slight fever and sore throat on the 30th and tested positive for PCR.	Apr. 30	Fever, sore throat	Apr. 30		May. 12	
			Team staff	Designated as a close contact of three players who tested positive on the 30th → tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—	6 → 5 (2 players, 3 team staff) ※one tested positive on the 4th	May. 14	
			Player	Tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—		May. 15	
			Player	Tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—		May. 15	
			Player	Tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—		May. 14	
			Player	Tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—		May. 15	
			Coach	Tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—		May. 14	
			Team staff	Tested positive at post-game screening test positive on the 30th, confirmed positive again for PCR on the 1st.	May. 1	None	—		May. 14	
			Coach	Designated as a close contact of those who tested positive on the 1st, tested positive for PCR on the 4th at screening test.	May. 4	None	—		None	May. 17
			Coach	Tested positive for PCR on the 4th at screening test.	May. 4	None	—			May. 21
Team staff	Tested positive for PCR on the 4th at screening test.	May. 4	None	—	May. 18					

Appendix List of cases

List of positive cases related to teams and related staff: 29 cases (61 persons)

	Date	Team	Position	Details	Confirmed positive date	Symptoms	Onset Date	Close contact within teams	Team return date
5	May 11	Hokkaido Nippon Ham Fighters	Player	Complained of joint pain and slight fever on the 10th and tested positive for PCR.	May. 10	Joint pain and slight fever	May. 10	None	May. 25
6	May 13	Fukuoka SoftBank Hawks	Team staff	Tested positive at a regular testing for farm team.	May. 12	Throat discomfort	May. 4	None	May. 20
7	May 17	Hiroshima Toyo Carp	Player	Complained of joint pain on the 16th, fever on the 17th and tested positive for PCR.	May. 17	Joint pain, fever	May. 16	None	Jun. 1
			Player	Tested positive at screening PCR testing on the 17th.	May. 17	cough	—		Jun. 1
			Player	Tested positive at screening PCR testing on the 17th.	May. 17	cough, fever	May. 19		Jun. 4
			Player	Tested positive at screening PCR testing on the 20th.	May. 20	fever, back pain, headache	May. 22	2 (Players)	Jun. 4
			Player	Tested positive at screening PCR testing on the 20th.	May. 20	fever, back pain, headache	May. 20		Jun. 3
			Player	Tested positive at screening PCR testing on the 20th.	May. 20	fever	May. 20		Jun. 2
			Player	Tested positive at screening PCR testing on the 20th.	May. 20	fever, pneumonia	May. 21		Jun. 7
			Player	Tested positive at screening PCR testing on the 20th.	May. 20	fever	May. 21		Jun. 4
			Coach	Tested positive at screening PCR testing on the 20th.	May. 20	fever, cough, pneumonia	May. 21		Jun. 1
			Team staff	Tested positive at screening PCR testing on the 20th.	May. 20	fever, head ache, cough, taste disorder	May. 21		Jun. 1
Coach	Tested positive at screening PCR testing on the 21th.	May. 21	None	—	None	Jun. 1			
Player	Tested positive at screening PCR testing on the 23th.	May. 23	None	—	None	Jun. 6			
8	May 19	Chiba Lotte Marines	Player	His acquaintance tested positive on the 17th, but he tested negative for PCR on the same day; closer acquaintance tested positive and was identified as a close contact, complained of fever on the 19th and tested positive for PCR.	May. 19	Fever	May. 19	None	May. 28
9	May 27	Saitama Seibu Lions	Player	Morning temperature check in his room (37.5°C) , self-quarantine, specimen collection and online consultation to a doctor, tested positive.	May. 27	Fever	May. 27	2 (Players)	Jun. 8
10	Jun. 1	NPB	Staff	Feeling unwell on the 31st (feverishness, fever) → went to hospital on the 1st, tested positive for PCR.	Jun. 1	Fever	May. 31	None	Jun. 25
11	Jun.7	Chunichi Dragons	Team staff	His acquaintance complained of fever but tested negative for antigen test kit on the 6th, both the team staff and his acquaintance went to hospital on the 7th and tested positive for PCR.	Jun. 7	Fever	Jun. 7	None	Jun. 22
12	Jun.7	NPB	Umpire	Complained of feversince early morning on the 7th and tested positive for PCR.	Jun. 7	Fever	Jun. 7	None	Jun. 25
13	Jul. 7	Tokyo Yakult Swallows	Player	Tested positive at regular testing. The onset of the disease occurred after the sample was taken on the same day.	Jul. 7	Fever, cough, fatigue	Jul. 7	None	Jul. 21

Appendix List of cases

List of positive cases related to teams and related staff: 29 cases (61 persons)

	Date	Team	Position	Details	Confirmed positive date	Symptoms	Onset Date	Close contact within teams	Team return date
14	Jul. 20	Orix Buffaloes	Team staff	Slight fever (37.2°C) on the 16th, 38.5°C on the 17th, went to hospital and tested positive on the 18th.	Jul. 18	Fever	Jul. 16	None	Aug. 17
15	Jul. 20	Fukuoka SoftBank Hawks	Player	Suspected positive at the team's voluntary testing on the 20th, confirmed positive for PCR on the same day at a hospital.	Jul. 20	None	—	1 (Player)	Aug. 3
			Player	Tested positive at a screening test following an outbreak of positive tests in regular testings on the 21th.	Jul. 21	None	—	None	Aug. 5
16	Jul. 23	Tohoku Rakuten Golden Eagles	Player	Fever on the night of the 21st (38.1°C) with chills and headache, did not attend practice on the 22nd, tested positive for PCR.	Jul. 22	Fever, chills, headache, sore throat, pneumonia	Jul. 21	3 (1 Player, 2 Team staff)	Aug. 11
17	Jul. 23	Tokyo Yakult Swallows	Team staff	Tested positive at regular testings.	Jul.23	None	—	None	Aug. 12
18	Jul. 24	NPB	Umpire	Tested positive at regular testings.	Jul. 24	Fever, pneumonia	Jul. 26	None	Aug. 24
19	Jul. 25	Orix Buffaloes	Team staff	Felt tired during workout on the 22nd, but tested negative for the antigen qualitative test. Confirmed positive at a regular testing on the 24th.	Jul. 24	Fatigue, cough	Jul. 21	None	Aug. 11
20	Jul. 31	Chiba Lotte Marines	Player	Complained of fever and illness on the 30th, tested positive for PCR.	Jul. 30	Fever	Jul. 29	None	Aug. 10
21	Aug. 6	Saitama Seibu Lions	Team staff	Tested positive at regular testings.	Aug. 6	None	—	None	Aug. 18
22	Aug. 6	Orix Buffaloes	Team staff	Fever in the early morning of the 17th in Sendai. After returning to Osaka on the 19th, went to see a doctor and tested positive for PCR.	Aug. 19	Fever, cough	Aug. 17	None	Sep. 14
23	Aug. 24	Orix Buffaloes	Player	Slight fever (mild malaise, joint pain) after returning home on the 22nd, went to hospital and found positive for antigen quantification test (Lumipulse method).	Aug. 23	Slight fatigue, joint pain, sore throat	Aug. 22	No judgement	Sep. 4
24	Aug. 29	Chiba Lotte Marines	Player	Tested positive at regular testing for farm team on the 28th.	Aug. 29	None	—		None
25	Aug. 29	Hokkaido Nippon Ham Fighters	Player	Tested positive at regular testing for farm team on the 28th.	Aug. 29	None	—	None	Sep. 9
26	Aug. 30	Fukuoka SoftBank Hawks	Player	Complained of feeling unwell while on the road with fever of 38.6°C and malaise; tested positive for PCR on the 30th.	Aug. 30	Fever, fatigue	Aug. 29	None	Sep. 23

Appendix List of cases

List of positive cases related to teams and related staff: 29 cases (61 persons)

	Date	Team	Position	Details	Confirmed positive date	Symptoms	Onset Date	Close contact within teams	Team return date
27	Aug. 30	NPB	Umpire	Tested positive at regular testings on the 30th.	Aug. 30	Slight cough, sore throat, fatigue	Aug. 31	No judgement	Sep. 16
				Daily PCR tests for the first three days of the waiting period on five suspected close contacts of the above positive were found to be positive (day 3).	Sep. 2	Slight cough, fever, sore throat, fatigue, diarrhoea	Sep. 3	No judgement	Sep. 22
28	Sep. 4	Hanshin Tigers	Team staff	Tested positive following an outbreak of positive cases among his acquaintance.	Sep. 3	None	—	None	Sep. 16
29	Sep. 9	Fukuoka SoftBank Hawks	Player	Suspected positive at the team's voluntary testing on the 8th, confirmed positive for antigen testing on the 9th at a hospital.	Sep. 9	Fever of 37.5°C, sore throat, cough, fatigue	Sep. 9	1 (Player)	Sep. 25