APPENDIX: 370 HOCKEY DATABASE PROJECT TESTS AND RESULTS

Tests are sorted by command, tests are run on all commands as this covers every function I have implemented.

For each of these tests, assume the database is already in its initialised state and filled with dummy data from the 'filldata' directory.

1. gen_standings tests

No rows are in standings after initialization, this is good.

```
SQL> select * from Standings;
no rows selected
```

Now, run ./main and write the command 'gen_standings'.

SQL> se	lect teamC	ode, wins, lo	osses, overtin	eLosses,	points, poin	tPct from Standings;
TEA	WINS	LOSSES OVE	RTIMELOSSES	POINTS	POINTPCT	
VAN	1	12	 0	2	.077	
CGY	14	2	1	29	.853	
EDM	10	1	0	20	.909	
SEA	7	9	2	16	.444	
SJS	3	10	3	9	.281	
LAK	11	6	1	23	.639	
ANA	11	5	0	22	.688	
VGK	13	5	2	28	.7	
WPG	10	3	0	20	.769	
CHI	3	11	1	7	.233	
MIN	9	6	1	19	.594	

Cropped some out but the below screenshot verifies all 32 teams are in the standings.

TEA	WINS	LOSSES	OVERTIMELOSSES	POINTS	POINTPCT
NJD	2	9	1	5	.208
NYI	6	9	1	13	.406
MTL	4	15	0	8	.211
TOR	5	7	1	11	.423
OTT	7	9	3	17	.447
BUF	12	5	0	24	.706
TBL	12	7	1	25	.625
FLA	6	7	2	14	.467
DET	9	4	0	18	.692
BOS	12	5	2	26	.684
32 ro	ws selected	ı.			

Now, we will try this on an empty games table:

SQL> se	lect teamCo	ode, wins, los	ses, overtim	eLosses, p	ooints, pointPct	from Standings;
TEA	WINS	LOSSES OVERT	IMELOSSES	POINTS	POINTPCT	
VAN	0	0	0	0	0	
CGY	0	0	0	0	0	
EDM	0	0	0	0	0	
SEA	0	0	0	0	0	
SJS	0	0	0	0	0	
LAK	0	0	0	0	0	
ANA	0	0	0	0	0	
VGK	0	0	0	0	0	
WPG	0	0	0	0	0	
CHI	0	0	0	0	0	
MIN	0	0	0	0	0	

We get a standings table with default 0 values as if a new season is about to start!

2. create_game tests

Let's make a game between Tampa Bay and Calgary. These are what their stats are like before the game.

SQL> select * from Standings where teamCode = 'TBL' or teamCode = 'CGY';						
SEASON	TEA TEAMN	AME			CONFERENCE	
DIVISION	GAMESPLAYED	WINS	LOSSES OVERTIME	OSSES	POINTS	
POINTPCT	GOALSFOR GOALSAGA	INST GOALDI	FFERENTIAL P			
	CGY Calga		_		Western	
Pacific	17 56		2 20 -	1	29	
.000	50	30	20 -			
2024-25	TBL Tampa	Bay Lightr	ning		Eastern	
Atlantic	20	12		1	25	
.625	56	46	10 -			
SEASON	TEA TEAMN	AME			CONFERENCE	
DIVISION	GAMESPLAYED	WINS	LOSSES OVERTIME	.0SSES	POINTS	
POINTPCT	GOALSFOR GOALSAGA	INST GOALDI	FFERENTIAL P			

In main, we use the create_game command and follow the prompts.

If you input an invalid team name, application returns you to main command loop.

```
Enter a command: create_game
Welcome to the game creator. Follow the prompts and input the correct game data.
Enter the home team of the game (3 letter code):
TBB
Home team doesn't exist. Leaving game creator.

Type 'help' to display all commands.
Enter a command: []
```

This is the same if you put an invalid input in any field!

```
Type 'help' to display all commands.

Enter a command: create_game

Welcome to the game creator. Follow the prompts and input the correct game data.

Enter the home team of the game (3 letter code):

TBL

Enter the away team of the game (3 letter code):

CGY

Enter the amount of goals the home team scored: a lot

Invalid input. Please enter a valid integer next time.

Type 'help' to display all commands.

Enter a command:
```

Ok, let's create the game:

```
Inter a command: create_game

Welcome to the game creator. Follow the prompts and input the correct game data.

Enter the home team of the game (3 letter code):

TBL

Enter the away team of the game (3 letter code):

CGY

Enter the amount of goals the home team scored: 3

Enter the amount of goals the away team scored: 2

Enter the amount of shots on goal the home team had: 21

Enter the amount of shots on goal the away team had: 35

Was the game an overtime or shootout game? (Y or N)
```

If the goal difference is 1, the function will ask you if this was an overtime game or not.

```
Was the game an overtime or shootout game? (Y or N)
n
Game with ID 260 added to game records.
Game with ID 260 reflected in standings.
```

I said no, as you can see, the game should be added to the game records and reflected in standings.

The game does exist and with accurate data!

```
SQL> select * from Games where gameID = 260;

GAMEID HOM AWA GAMEDATE SEASON GAMETYPE WIN GOALSHOME

GOALSAWAY SHOTSHOME SHOTSAWAY I

260 TBL CGY 13-APR-25 2024-25 Regular TBL 3
2 21 35 N
```

The standings has updated data.

SEASON	TEA TEAMN	IAME			CONFERENCE
	GAMESPLAYED	WINS	LOSSES OVERTIME		
POINTPCT	GOALSFOR GOALSAGA	INST GOALDI	FFERENTIAL P		
2024-25	CGY Calgary Flames 18 14 3 1			Western	
Pacific .806	58		19 -	1	29
2024-25	TBL Tampa		_		Eastern
Atlantic .643	21 59		7 11 -	1	27
SEASON	TEA TEAMN	IAME			CONFERENCE
DIVISION	GAMESPLAYED	WINS	LOSSES OVERTIME	LOSSES	POINTS
POINTPCT	GOALSFOR GOALSAGA	INST GOALDI	FFERENTIAL P		

3. add_game tests

For this test I will be using the 'testdata' directory files to create some test games.

We will be using this game for our test:

```
-- Insert Game Record

INSERT INTO Games (gameID, homeTeam, awayTeam, gameDate, season, gameType, winner, goalsHome, goalsAway, shotsHome, shotsAway, isOvertime)

VALUES (262, 'BOS', 'VGK', TO_DATE('2025-04-17', 'YYYY-MM-DD'), '2025 Season', 'Regular', 'BOS', 3, 2, 38, 29, 'N');
```

Here are the standings for Boston and Vegas before the game insertion.

SQL> select	* from Standings \	where teamCo	ode = 'BOS' or tea	amCode =	'VGK';
SEASON	TEA TEAM	NAME			CONFERENCE
DIVISION	GAMESPLAYED		LOSSES OVERTIME		
POINTPCT	GOALSFOR GOALSAG				
2024-25 Pacific	VGK Las \ 20	13	5		Western 28
	63		12 -		
2024-25 Atlantic	BOS Bosto		5		Eastern 26
.684			12 -	2	20
SEASON	TEA TEAM				CONFERENCE
DIVISION	GAMESPLAYED				
POINTPCT	GOALSFOR GOALSAG	AINST GOALDI	FFERENTIAL P		

If we accidentally enter an invalid gameID, the function aborts!

Enter a command: add_game

Enter the game ID whose results you want to add to standings:

2620

Game with ID 2620 doesn't exist. Returning.

After the game, here are the standings!

Type help to display all communus.

Enter a command: add_game

Enter the game ID whose results you want to add to standings:

262

Game with ID 262 reflected in standings.

SEASON	TEA TEAMN	CONFERENCE				
DIVISION	GAMESPLAYED	WINS	LOSSES OVERTIME	ELOSSES	POINTS	
POINTPCT	GOALSFOR GOALSAGA	INST GOALDI	FFERENTIAL P			
Pacific	VGK Las V 21 65	13	Knights 6 11 -	2	Western 28	
2024-25 Atlantic .7	BOS Bosto 20 65	13	5 13 -	2	Eastern 28	
SEASON	TEA TEAMN	AME			CONFERENCE	
	GAMESPLAYED					
POINTPCT GOALSFOR GOALSAGAINST GOALDIFFERENTIAL P						

4. playoff tests

Next, we will take a look at the playoff command.

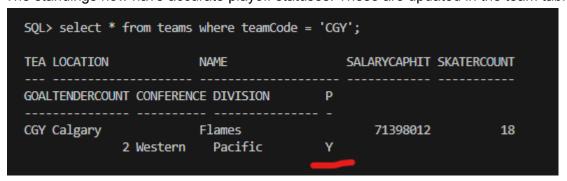
Here are the standings (in a more readable format) before the playoff status designations.

```
SQL> select division, teamCode, points, playoffStatus from Standings order by conference, division, points desc;
DIVISION
               TEA
                      POINTS P
Atlantic BOS
Atlantic TBI
                          28 -
Atlantic
              TBL
                          27 -
Atlantic
              BUF
            DET
Atlantic
                         18 -
Atlantic
           OTT
FLA
TOR
Atlantic
Atlantic
              TOR
Atlantic
Metropolitan
              CBJ
                     18
13 -
Metropolitan
              PIT
Metropolitan NYI
                      POINTS P
               TEA
DIVISION
Metropolitan PHI
                          12 -
Metropolitan
                          10 -
              NYR
Metropolitan
              CAR
                         8 -
Metropolitan WSH
Metropolitan NJD
Central COL
                          31 -
Central
              DAL
                         30 -
Central
              NSH
                         22 -
Central
              WPG
                          20 -
Central
              MIN
                         19 -
Central
              ARI
DIVISION
              TEA
                      POINTS P
        CHI
STL
CGY
VGK
LAK
Central
Central
Pacific
Pacific
Pacific
              LAK
Pacific
              ANA
                         22 -
Pacific
              EDM
Pacific
               SEA
Pacific
               SJS
                          9 -
Pacific
               VAN
```

Now, let's run the playoff command!

```
SQL> select division, teamCode, points, playoffStatus from Standings order by conference, division, points desc;
DIVISION
                TEA
                        POINTS P
Atlantic
                BOS
                             28 Z
Atlantic
Atlantic
                TBL
                            27 X
                           24 X
                BUF
Atlantic
                           18 X
                DET
Atlantic
Atlantic
                           17 X
14 E
            OTT
                FLA
                         11 E
8 E
25 Y
18 X
Atlantic
              TOR
                MTL
Atlantic
Metropolitan
                CBJ
Metropolitan
                PIT
                         13 X
Metropolitan NYI
                TEA POINTS P
DIVISION
                PHI
                       12 E
10 E
Metropolitan
Metropolitan
                NYR
                          8 E
8 E
5 E
Metropolitan
                CAR
Metropolitan
                WSH
Metropolitan NJD
                           31 P
Central
Central DAL
Central NSH
Central WPG
                          30 X
22 X
20 X
                MTN
                             19 F
Central
Central
                ARI
                             12 E
DIVISION
               TEA POINTS P
Central CHI
Central STL
Pacific CGY
Pacific VGK
Pacific LAK
Pacific ANA
Pacific EDM
                          6 E
29 Y
28 X
                          23 X
22 X
20 E
Pacific
Pacific
                             16 E
Pacific
                SJS
                             9 E
Pacific
                              2 E
                VAN
```

The standings now have accurate playoff statuses! These are updated in the team table too!



If the standings are empty, the playoff command does nothing.

add_player tests

Let's add a player to the Calgary Flames. Here is their relevant data.

The creator checks that the team exists or else it will abort.

```
What is the player's name?
Luka Karanovic
What team will they play for (enter 3 letter code)?
CCC
Team doesn't exist in league. Leaving player creator.
```

The salary cap is 88000000, so if I give myself a salary of 18000000 (I wish), it wouldn't allow Calgary to add that player to their team.

```
Enter a command: add_player
Welcome to the player creator. Follow instructions and input all required fields.
What is the player's name?
Luka Karanovic
What team will they play for (enter 3 letter code)?
CGY
What is the player's yearly salary?
18000000
Team would be over salary cap. Can't add Luka Karanovic to CGY
```

Here, I added a goaltender with a salary of 10000000 to Calgary, so their goaltenderCOunt should now be 3, and their cap hit should be 81398012.

```
Enter a command: add player
Welcome to the player creator. Follow instructions and input all required fields.
What is the player's name?
Luka Karanovic
What team will they play for (enter 3 letter code)?
What is the player's yearly salary?
10000000
What is the player's nationality?
Canada
What is the player's birthdate (in yyyy-mm-dd)?
2005-03-15
What is the player's position?
What is the player's jersey number (1-99)?
Player added to Players table.
Player added to Goaltenders table.
Team data updated.
```

```
TEA SKATERCOUNT GOALTENDERCOUNT SALARYCAPHIT
CGY 18 3 81398012
```

And my name appears in this query!

```
SQL> select name from Goaltenders natural join Players;

NAME

Luka Karanovic
Tyler Hughes
Emil Sundstr??m

Ryan Millon
```

Since the max goaltenderCount is 3, I can't add another goaltender to Calgary:

```
What is the player's name?
Luka
What team will they play for (enter 3 letter code)?
CGY
What is the player's yearly salary?
10000
What is the player's nationality?
Canada
What is the player's birthdate (in yyyy-mm-dd)?
2006-07-15
What is the player's position?
G
Team would exceed goaltender limit. Can't add player.
```

6. add_skatergame tests

We will use more data from 'testdata' for this test.

```
Let's use this record as an example.
```

```
-- PlayerID: 21, gameID: 106, goals: 1, assists: 1, points: 2, shots: 5, hits: 2, plusMinus: 1, TOI: '20:45' INSERT INTO SkaterGames (playerID, gameID, goals, assists, points, shots, hits, plusMinus, TOI) VALUES (21, 106, 1, 1, 2, 5, 2, 1, '20:45');
```

Here are their stats before:

PLAYERID	GOALS A	ASSISTS	POINTS	SHOTS	HITS	PLUSMINUS
TOI						
21 20:30	5	3	8	16	10	4

And after:

```
Type 'help' to display all commands.
Enter a command: add_skatergame
Enter the player ID of the skater whose stats you want to update:
21
Enter the game ID of the game they played:
106
Skater record updated with new game data.
```

This command also checks that there is a valid record before doing the update, and returns you to the main command loop if not:

```
Enter a command: add_skatergame
Enter the player ID of the skater whose stats you want to update:

1
Enter the game ID of the game they played:
250
Skater or SkaterGames record doesn't exist. Aborting.
```

7. add_goaliegame tests

We will use more data from 'testdata' for this test.

Let's use this record as an example.

```
-- PlayerID: 17, gameID: 102, record: loss, saves: 30, goalsAgainst: 4, GAA: 3.25
INSERT INTO GoaltenderGames (playerID, gameID, win, loss, OTLoss, savePct, saves, goalsAgainst, GAA)
VALUES (17, 102, 0, 1, 0, 0.882, 30, 4, 3.25);
```

Here are their stats before:

```
SQL> select * from Goaltenders where playerID = 17;

PLAYERID WINS LOSSES OTLOSSES SAVEPCT SAVES GOALSAGAINST

GAA

17 8 4 0 .93 300 20
2
```

And after:

```
Iype 'help' to display all commands.
Enter a command: add_goaliegame
Enter the player ID of the skater whose stats you want to update:
17
Enter the game ID of the game they played:
102
Goaltender record updated with new game data.
```

```
SQL> select * from Goaltenders where playerID = 17;

PLAYERID WINS LOSSES OTLOSSES SAVEPCT SAVES GOALSAGAINST

GAA

17 8 5 0 .927 330 24
2.07
```

This command also checks that there is a valid record before doing the update, and returns you to the main command loop if not:

```
Type 'help' to display all commands.
Enter a command: add_goaliegame
Enter the player ID of the skater whose stats you want to update:

1
Enter the game ID of the game they played:
250
Goaltender or GoaltenderGames record doesn't exist. Aborting.
```

8. update_cap tests

The current salary cap is 88000000

So trying to insert a skater with a salary of 9000000 to Calgary won't work:

```
Type 'help' to display all commands.
Enter a command: add_player
Welcome to the player creator. Follow instructions and input all required fields.
What is the player's name?
Luka
What team will they play for (enter 3 letter code)?
CGY
What is the player's yearly salary?
9000000
Team would be over salary cap. Can't add Luka to CGY
```

But we can update the salary cap (say it goes up):

```
Enter a command: update_cap

Current salary cap is 88000000

What do you want the new salary cap to be?
95000000

Salary cap updated from 88000000 to 95000000
```

And try to insert our player now!

```
What is the player's name?
Luka
What team will they play for (enter 3 letter code)?
CGY
What is the player's yearly salary?
9000000
What is the player's nationality?
Canada
What is the player's birthdate (in yyyy-mm-dd)?
2005-03-15
What is the player's position?
LW
What is the player's jersey number (1-99)?
67
Player added to Players table.
Player added to Skaters table.
Team data updated.
```

We have this new team data:

It doesn't handle bad inputs:

```
Enter a command: update_cap
Current salary cap is 88000000
What do you want the new salary cap to be?
hamburger
Invalid input. Please enter a valid integer next time.
```

9. new_season tests

Run the gen standings command beforehand to generate standings.

```
SQL> select count(*) from Games; SQL> select count(*) from Standings;

COUNT(*)

254

SQL> select count(*) from Standings;

COUNT(*)

32
```

Run the command in the application:

```
Enter a command: new_season
Current season is 2024-25
What do you want the new season name to be?
2025-26
Current season updated from 2024-25 to 2025-26
New season started. Dumping all existing game and standings records to historical records.
254 game records dumped to HistoricalGames table.
32 standings records dumped to HistoricalStandings table.
```

This is the output in the application. As you can see, when creating a new season, the existing games and standings records get dumped to historical tables, this is good!

Afterwards, we can see the Games and Standings tables are empty:

```
SQL> select * from Games; SQL> select * from Standings; no rows selected no rows selected
```

There are 254 rows in the historical games table and 32 in the historical standings table!

```
SQL> select count(*) from HistoricalGames;

COUNT(*)

254

SQL> select count(*) from HistoricalStandings;

COUNT(*)

32
```

There is no check for two seasons having the same name, however, this command does handle empty games and standings tables appropriately!

```
Enter a command: new_season

Current season is 2025-26

What do you want the new season name to be?

2025-26

Current season updated from 2025-26 to 2025-26

New season started. Dumping all existing game and standings records to historical records.

No games to dump to historical records. Aborting.

No standings to dump to historical records. Aborting.
```

Next we will test 3 viewer functions, these can be accessed from 'main' or 'viewermain'.

10. skaterstats tests

When you enter, you get prompted with these commands.

```
Iype neip to display all commands.
Enter a command: skaterstats
Welcome to the skater stats viewer.
0 - Leave the stats viewer.
1 - View the current points leaders.
2 - View the current goals leaders.
3 - View the current assists leaders.
4 - View the skaters with the most games played.
```

Invalid inputs don't kick you out of the loop as intended, only typing 0 does.

```
h
Invalid input. Please enter a valid integer next time.
Invalid command. Try again.
Welcome to the skater stats viewer.
0 - Leave the stats viewer.
1 - View the current points leaders.
2 - View the current goals leaders.
3 - View the current assists leaders.
4 - View the skaters with the most games played.
```

Typing 1 gives you the top 10 skaters in terms of points.

```
Welcome to the skater stats viewer.
0 - Leave the stats viewer.
1 - View the current points leaders.
2 - View the current goals leaders.
3 - View the current assists leaders.
4 - View the skaters with the most games played.
1
Rank
        Player Name
                            Points
                            _____
1
        Jakob Lindstr??m
                            14
2
       Connor O???Reilly
                            13
3
       Brock McKinnon
                            11
4
        Liam Brooks
                            11
5
       Lucas Bernier
                            11
6
       David Li
                            10
7
       Zachary Thomas
                            10
8
        Alexander Shirokov 9
        Jakub Novak
9
                            9
10
        Jussi M??kinen
                            9
```

(Special characters have a bugged display sadly).

Player Name	Games Played
Alexander Shirokov	20
Zachary Thomas	19
Jakob Lindstr??m	17
Zachary Robinson	17
Andrei Malakhov	14
	Alexander Shirokov Zachary Thomas Jakob Lindstr??m Zachary Robinson

Typing 0 brings you to the main command loop:

```
Welcome to the skater stats viewer.

0 - Leave the stats viewer.

1 - View the current points leaders.

2 - View the current goals leaders.

3 - View the current assists leaders.

4 - View the skaters with the most games played.

0

Thanks for using the skater stats viewer.

Type 'help' to display all commands.

Enter a command:
```

All of this is the same for goaliestats and standings. I will show you some of their generated outputs though!

11. goaliestats outputs

```
Enter a command: goaliestats
Welcome to the goaltender stats viewer.
0 - Leave the stats viewer.
1 - View the current wins leaders.
2 - View the current save percentage leaders.
3 - View the current save leaders.
4 - View the current goals against average leaders.
5 - View the current goals against leaders.
6 - View the players with the most games played.
1
Rank
        Player Name
                            Wins
        Jakob Lindstr??m
1
                            8
2
        Lucas Bernier
3
        Alexei Volkov
                            6
4
       Connor O???Reilly
                            6
        Jussi M??kinen
                            5
        Tyler Hughes
                            5
6
        Alexander Shirokov
7
8
        Aidan McLeod
9
        Ryan Miller
                            4
10
        Nikolai Kozlov
                            4
```

Rank	Player Name	Goals Against
1	Connor O???Reilly	16
2	Ryan Miller	19
3	Ethan Crawford	20
4	Emil Sundstr??m	20
5	Lucas Bernier	22
6	Aidan McLeod	22
7	Nikolai Kozlov	24
8	Jakob Lindstr??m	24
9	Alexander Shirokov	25
10	Markus Nieminen	25

2		
Rank	Player Name	Save Pct
1	Jakob Lindstr??m	0.927
2	Lucas Bernier	0.925
3	Connor O???Reilly	0.925
4	Alexei Volkov	0.92
5	Tyler Hughes	0.918
6	Alexander Shirokov	0.915
7	Ryan Miller	0.913
8	Nikolai Kozlov	0.91
9	Aidan McLeod	0.91
10	Emil Sundstr??m	0.91
Welcome	to the goaltender s	tats viewer.
0 1	and the second of the second	<u> </u>

12. standings outputs

On empty standings:

```
Welcome to the standings viewer.
0 - Leave the standings viewer.
1 - View the league standings.
2 - View the division standings.
3 - View the teams with best goal diferential.
1
Rank Team
           GP
                   L
                       OT PTS
                                          Playoff Status
                W
                                PointPct
                15 3
     COL
           19
                       1
                           31
                                0.816
     DAL
           19
                15 4
                          30
                                0.789
2
                       0
     CGY
           18
                14 3
                           29
                                0.806
4
     BOS
           20
                13 5
                       2
                           28
                                0.700
5
                13 6
                       2
     VGK
           21
                          28
                                0.667
6
     TBL
           21
                13 7
                       1
                          27
                                0.643
                12 2
           15
                       1
                           25
     CBJ
                                0.833
                12 5
8
     BUF
           17
                      0
                           24
                                0.706
9
     LAK
           18
                11 6
                       1
                          23
                                0.639
10
                11 5
                           22
                                0.688
     ana
           16
                       0
11
     NSH
           16
                11 5
                       0
                           22
                                0.688
                           20
                                0.909
12
     EDM
           11
                10 1
                       0
               10 3
                       0
                          20
13
     WPG
           13
                                0.769
                       1
14
     MIN
           16
                9 6
                          19
                                0.594
15
     DET
           13
                   4
                      0
                          18
                                0.692
              9 7
                          18
16
     PIT
           16
                      0
                                0.563
              7 9 3
17
     OTT
           19
                          17
                                0.447
                  9
                       2
                                0.444
18
     SEA
           18
                          16
19
     FLA
           15
               6 7
                       2
                          14
                                0.467
              6 9 1
                          13
20
     NYI
           16
                                0.406
21
     PHI
           16
              5 9
                       2
                          12
                                0.375
22
     NYR
           15
                          12
                                0.400
23
              6 9 0
                          12
     ARI
           15
                                0.400
24
           13 5 7
                          11
                                0.423
     TOR
                       1
25
                3 10 3
     SJS
           16
                          9
                                0.281
26
     CAR
           16
               4 12 0
                          8
                                0.250
27
     WSH
           15 3 10 2
                          8
                                0.267
28
     MTL
           20 4 16 0
                          8
                                0.200
29
           15 3
                   11 1
                                0.233
     CHI
30
     STL
           11 3 8 0
                          6
                                0.273
31
     NJD
           12 2 9 1
                          5
                                0.208
     VAN
32
           13 1
                          2
                   12 0
                                0.077
```

	iew the	teams	with	best goal	diferential.
3 Rank	Team	GF	GA	Diff	
Nalik	realli	ar 	GA.	D111	
1	EDM	46	20	26	
2	COL	73	50	23	
3	BUF	69	48	21	
4	DAL	65	44	21	
5	СВЈ	59	38	21	
6	CGY	59	40	19	
7	BOS	65	52	13	
8	NSH	49	36	13	
9	VGK	65	54	11	
10	TBL	60	49	11	
11	DET	37	30	7	
12	WPG	37	31	6	
13	LAK	58	53	5	
14	PIT	50	47	3	
15	ANA	43	41	2	
16	MIN	46	44	2	
17	ARI	39	43	-4	
18	SEA	41	45	-4	
19	NYI	38	44	-6	
20	FLA	42	48	-6	
21	OTT	51	58	-7	
22	STL	33	40	-7	
23	NYR	38	50	-12	
24	PHI	37	49	-12	
25	VAN	31	44	-13	
26	TOR	47	61	-14	
27	WSH	36	50	-14 17	
28 29	NJD	19 34	36 52	-17 -18	
30	SJS CAR	3 4 35	54	-18 -19	
31	CHI	28	47	-19 -19	
32	MTL	40	72	-32	
JZ		40	72	-32	

Hope you enjoyed this test run overview!
