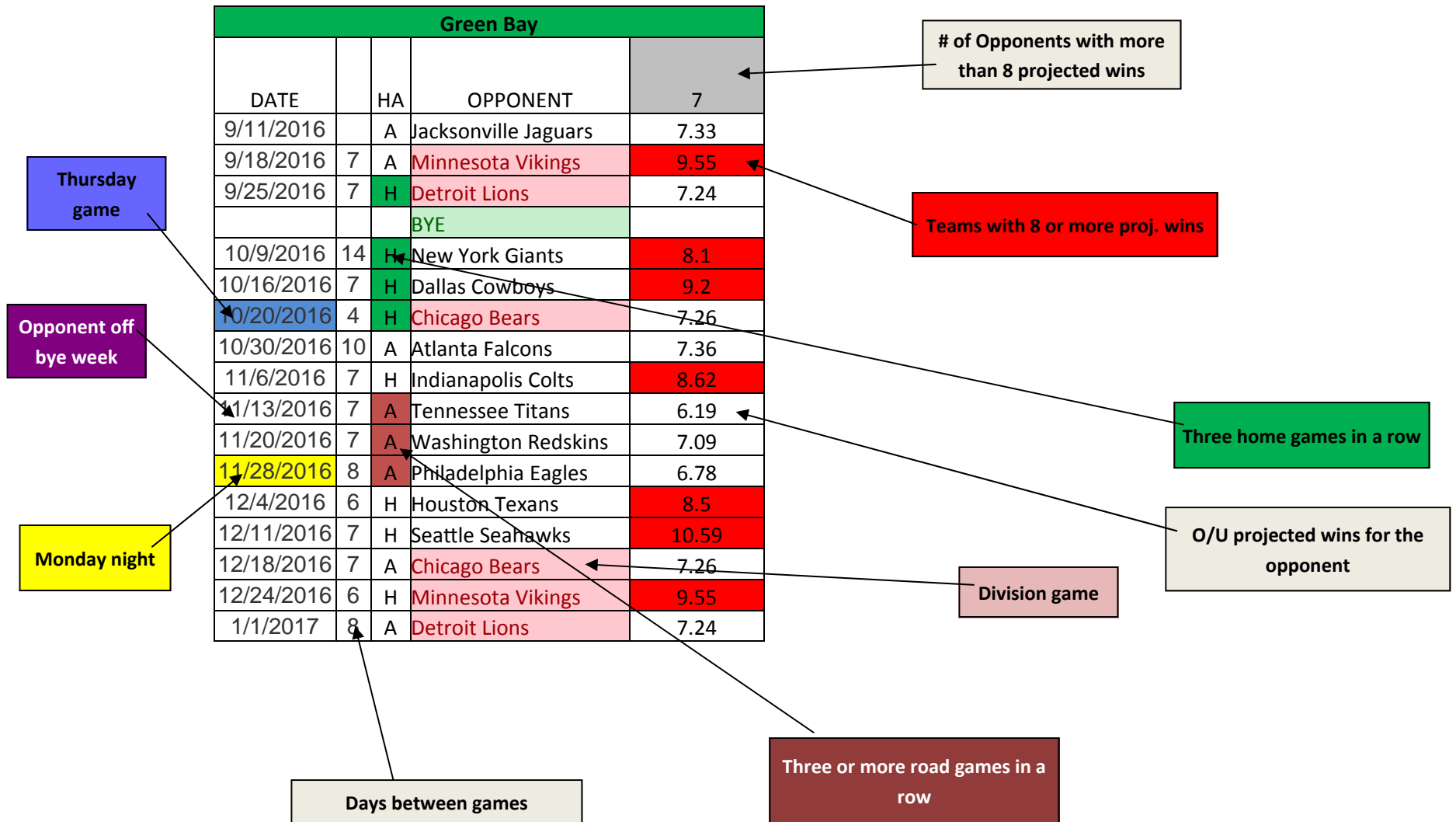




# NFL SCHEDULE SAMPLE



# PROJECTED LINE SAMPLE

WK	DATE	HA	OPPONENT	Line	%	
1	9/11/2016	H	New England	-5.5	0.679	5:30
2	9/18/2016	H	Tampa Bay	-9	0.789	1:05
3	9/25/2016	A	Buffalo	-2.5	0.512	10:00 AM
4	10/2/2016	H	Los Angeles	-7	0.754	1:25
5	10/6/2016	A	San Francisco	-6	0.733	5:25
6	10/17/2016	H	NY Jets	-4	0.668	5:30
7	10/23/2016	H	Seattle	-1	0.509	5:30
8	10/30/2016	A	Carolina	3.5	0.402	1:25
10	11/13/2016	H	San Francisco	-10.5	0.792	2:25
11	11/20/2016	A	Minnesota	1.5	0.476	11:00 AM
12	11/27/2016	A	Atlanta	-2.5	0.512	11:00 AM
13	12/4/2016	H	Washington	-6.5	0.634	2:25
14	12/11/2016	A	Miami	-3	0.583	11:00 AM
15	12/18/2016	H	New Orleans	-9	0.789	2:05
16	12/24/2016	A	Seattle	3.5	0.402	2:25
17	1/1/2017	A	Los Angeles		0.500	2:25
					9.734	

For week 17 I gave each team a 50% chance of winning their game seeing lines can be very different in week 17 based on motivation the last week of the season.

Projected lines from CG Technologies Las Vegas

SU Win probability based on past performance for these lines 1983-2017

Start time for team (EST)

Projected wins

# AFC WEST SCHEDULE

Pythagorean Theorem							2017 SU Margin		
	2017 Actual Record			2017 Adjusted Record		Differ-	Close Games <=7 pts		
Team	W	L	T	W	L		Wins	Losses	
Kansas City	10	6	0	9.9	6.1	0.1	2	6	
LA Chargers	9	7	0	10.4	5.6	-1.4	3	4	
Oakland	6	10	0	6.0	10.0	0.0	4	3	
Denver	5	11	0	5.4	10.6	-0.4	2	3	

## Pythagorean Theorem

The Pythagorean theorem is a formula that calculates a team's points scored and allowed into an "expected" winning percentage. Based on this formula for the 2017 season, the Chargers underachieved by 1.4 wins last year. The other three teams were right around their actual wins. Based on this formula there is a chance the Chargers will improve from last year but they've also been priced to win about a half game more than last year. Obviously offseason moves, injuries, etc will also play into this seasons wins and losses.

In addition to under achieving by 1.4 wins last year the Chargers were also unlucky in close games going 3-4. KC also was unlucky going just 2-6 in close games last year. The Chargers have a history of not winning close games although they did improve last year despite still being below .500 in close games.

TEAM	PROJ WINS	TOTAL OPP WINS	Schedule Rank	PROJ WINS BASED ON PRED LINES
LA Chargers	9.6	123.3	30	9.47
Kansas City	8.5	132.3	2	8.00
Oakland	8	125.7	27	7.67
Denver	7.3	128.8	15	7.13

The table to the left shows projected wins as set by the odds makers for 2018. The expected win total is an average from the over and under lines for each team, factoring in the extra juice typically applied to these lines. KC's projected over under win total is 8.5 wins. When factoring in all of their opponents projected win totals, they add up to 132.3 wins and rank as the 2nd hardest schedule. The Chargers have the 30th toughest schedule. In other words they have one of the easiest schedules in the league. Based on projected lines for all games we can develop a projected win pct based on those lines. KC is projected to win only 8.0 games vs their 8.5 projection. Meanwhile, the Chargers underachieved last year (should have won 10.4 games), have an easy schedule but they are only projected to win 9.47 wins vs their 9.6 win total. They are 1.47 wins better than anyone in their division however so stand a good chance of winning the division.

Denver					
WK	DATE		HA	OPPONENT	9
1	9/9/2018		H	Seattle	7.60
2	9/16/2018	7	H	Oakland	7.67
3	9/23/2018	7	A	Baltimore	8.58
4	10/1/2018	8	H	Kansas City	8.00
5	10/7/2018	6	A	NY Jets	6.14
6	10/14/2018	7	H	LA Rams	9.16
7	10/18/2018	4	A	Arizona	6.41
8	10/28/2018	10	A	Kansas City	8.00
9	11/4/2018	7	H	Houston	8.91
				Bye	
11	11/18/2018	14	A	LA Chargers	9.47
12	11/25/2018	7	H	Pittsburgh	9.91
13	12/2/2018	7	A	Cincinnati	6.57
14	12/9/2018	7	A	San Francisco	8.45
15	12/15/2018	6	H	Cleveland	6.21
16	12/24/2018	9	A	Oakland	7.67
17	12/30/2018	6	H	LA Chargers	9.47



2017 Results									
Week	HA	Home	SUW	SUL	PF	PA	LIN	WL	ATS
1	H	LA Chargers			24	21	-3	W	T
2	H	Dallas	1	0	42	17	2.5	W	W
3	A	Buffalo	1	1	16	26	-3.5	L	L
4	H	Oakland	2	1	16	10	-3.5	W	W
6	H	NY Giants	0	5	10	23	-14	L	L
7	A	LA Chargers	2	4	0	21	-1	L	L
8	A	Kansas City	5	2	19	29	7	L	L
9	A	Philadelphia	7	1	23	51	7	L	L
10	H	New England	6	2	16	41	7	L	L
11	H	Cincinnati	3	6	17	20	-2.5	L	L
12	A	Oakland	4	6	14	21	4	L	L
13	A	Miami	4	7	9	35	-1.5	L	L
14	H	New York Jets	5	7	23	0	1	W	W
15	A	Indianapolis	3	10	25	13	-3	W	W
16	A	Washington	6	8	11	27	3	L	L
17	H	Kansas City	9	6	24	27	-3	L	L

**Good**

- Host KC off a Thursday night game—extra rest
- Host Chargers off bye week
- Host Oakland off Saturday game—extra rest
- Host Oakland in week 2 with Raiders off Monday night game vs Rams

**Bad**

- Face 9 teams projected to win 8 or more games, including 4 straight in the middle of the season
- Travel to the Jets off Monday night game vs KC
- Travel to Arizona on a Thursday night
- Host Chargers last game of the season off a Monday night game
- 3 early east coast starts
- Travel to Baltimore with Ravens off Thursday night game—extra rest for Baltimore
- Face Houston with Texans off Thursday night game—extra rest for Houston

**Projected Wins**

- Denver projected win total is 7.3 but based on projected lines they are calculated to win 7.13 games.

WK	DATE	HA	OPPONENT	Line	%
1	9/9/2018	H	Seattle	-2	0.523
2	9/16/2018	H	Oakland	-3	0.596
3	9/23/2018	A	Baltimore	6.5	0.348
4	10/1/2018	H	Kansas City	-1.5	0.507
5	10/7/2018	A	NY Jets	1	0.484
6	10/14/2018	H	LA Rams	3	0.418
7	10/18/2018	A	Arizona	1.5	0.493
8	10/28/2018	A	Kansas City	6	0.263
9	11/4/2018	H	Houston	0	0.464
11	11/18/2018	A	LA Chargers	7	0.293
12	11/25/2018	H	Pittsburgh	3.5	0.394
13	12/2/2018	A	Cincinnati	2	0.477
14	12/9/2018	A	San Francisco	4.5	0.347
15	12/15/2018	H	Cleveland	-5.5	0.689
16	12/24/2018	A	Oakland	4	0.330
17	12/30/2018	H	LA Chargers		0.500
					7.13

Kansas City					
WK	DATE		HA	OPPONENT	8
1	9/9/2018		A	LA Chargers	9.47
2	9/16/2018	7	A	Pittsburgh	9.91
3	9/23/2018	7	H	San Francisco	8.45
4	10/1/2018	8	A	Denver	7.13
5	10/7/2018	6	H	Jacksonville	9.34
6	10/14/2018	7	A	New England	10.96
7	10/21/2018	7	H	Cincinnati	6.57
8	10/28/2018	7	H	Denver	7.13
9	11/4/2018	7	A	Cleveland	6.21
10	11/11/2018	7	H	Arizona	6.41
11	11/19/2018	8	Mexico City	LA Rams	9.16
				Bye	
13	12/2/2018	13	A	Oakland	7.67
14	12/9/2018	7	H	Baltimore	8.58
15	12/13/2018	4	H	LA Chargers	9.47
16	12/23/2018	10	A	Seattle	7.60
17	12/30/2018	7	H	Oakland	7.67



2017 Results									
Week	HA	Home	SUW	SUL	PF	PA	LIN	WL	ATS
1	A	New England			42	27	8	W	W
2	H	Philadelphia	1	0	27	20	-4.5	W	W
3	A	LA Chargers	0	2	24	10	-3	W	W
4	H	Washington	2	1	29	20	-6.5	W	W
5	A	Houston	2	2	42	34	-2	W	W
6	H	Pittsburgh	3	2	13	19	-3.5	L	L
7	A	Oakland	2	4	30	31	-3	L	L
8	H	Denver	3	3	29	19	-7	W	W
9	A	Dallas	4	3	17	28	2.5	L	L
11	A	New York Giants	1	8	9	12	-10	L	L
12	H	Buffalo	5	5	10	16	-9	L	L
13	A	New York Jets	4	7	31	38	-4	L	L
14	H	Oakland	6	6	26	15	-4.5	W	W
15	H	LA Chargers	7	6	30	13	0	W	W
16	H	Miami	6	8	29	13	-11	W	W
17	A	Denver	5	10	27	24	3	W	W
18	H	Tennessee	9	7	21	22	-9	L	L

### Good

- Face Rams in Mexico City instead of LA
- Travel to Oakland off their bye week
- Host Chargers on a Thursday night
- Travel to Seattle off a Thursday night game
- Face Raiders last game of season with Oakland off Monday night game

### Bad

- Host Jacksonville off a Monday night game at Denver
- 5 of first 6 games against teams projected to finish better than 8 wins
- Face Arizona off Cardinals bye week
- Face Denver with Broncos off Thursday night game—extra rest for Denver
- Travel to NE with Pats off Thursday night game—extra rest for NE

### Projected Wins

- Kansas City's projected win total is 8.5 wins. Based on projected lines they are calculated to win 8.0 games.

WK	DATE	HA	OPPONENT	Line	%
1	9/9/2018	A	LA Chargers	3	0.418
2	9/16/2018	A	Pittsburgh	7	0.293
3	9/23/2018	H	San Francisco	-2	0.544
4	10/1/2018	A	Denver	1.5	0.470
5	10/7/2018	H	Jacksonville	-1	0.528
6	10/14/2018	A	New England	7	0.293
7	10/21/2018	H	Cincinnati	-4	0.669
8	10/28/2018	H	Denver	-6	0.737
9	11/4/2018	A	Cleveland	-1.5	0.530
10	11/11/2018	H	Arizona	-5	0.675
11	11/19/2018	A	LA Rams	3	0.418
13	12/2/2018	A	Oakland	2.5	0.485
14	12/9/2018	H	Baltimore	-2	0.523
15	12/13/2018	H	LA Chargers	-1	0.516
16	12/23/2018	A	Seattle	3	0.403
17	12/30/2018	H	Oakland		0.500
					8.00

San Diego					
WK	DATE		HA	OPPONENT	6
1	9/9/2018		H	Kansas City	8.00
2	9/16/2018	7	A	Buffalo	6.41
3	9/23/2018	7	A	LA Rams	9.16
4	9/30/2018	7	H	San Francisco	8.45
5	10/7/2018	7	H	Oakland	7.67
6	10/14/2018	7	A	Cleveland	6.21
7	10/21/2018	7	London	Tennessee	7.77
				Bye	
9	11/4/2018	14	A	Seattle	7.60
10	11/11/2018	7	A	Oakland	7.67
11	11/18/2018	7	H	Denver	7.13
12	11/25/2018	7	H	Arizona	6.41
13	12/2/2018	7	A	Pittsburgh	9.91
14	12/9/2018	7	H	Cincinnati	6.57
15	12/13/2018	4	A	Kansas City	8.00
16	12/23/2018	10	H	Baltimore	8.58
17	12/30/2018	7	A	Denver	7.13



2017 Results									
Week	HA	Home	SUW	SUL	PF	PA	LIN	WL	ATS
1	A	Denver			21	24	3	L	T
2	H	Miami			17	19	-3.5	L	L
3	H	Kansas City	2	0	10	24	3	L	L
4	H	Philadelphia	2	1	24	26	-2	L	L
5	A	New York Giants	0	4	27	22	3	W	W
6	A	Oakland	2	3	17	16	3	W	W
7	H	Denver	3	2	21	0	1	W	W
8	A	New England	5	2	13	21	7	L	L
10	A	Jacksonville	5	3	17	20	5	L	W
11	H	Buffalo	5	4	54	24	-7	W	W
12	A	Dallas	5	5	28	6	-1	W	W
13	H	Cleveland	0	11	19	10	-14	W	L
14	H	Washington	5	7	30	13	-6	W	W
15	A	Kansas City	7	6	13	30	0	L	L
16	A	New York Jets	5	9	14	7	-7	W	T
17	H	Oakland	6	9	30	10	-7	W	W

**Good**

- Face only 6 teams projected to finish with 8 or more wins
- Travel to Seattle off their bye week
- Host Baltimore off a Thursday night game—extra rest
- 7 straight games in the middle of the season against teams projected to finish with less than 8 wins

**Bad**

- 3 early east coast starts
- 3 straight road games, including giving up home game to play in London but they do have their bye during that stretch
- Travel to KC on a Thursday night
- Travel to Oakland with Raiders off Thursday night game—extra rest for Oakland

**Projected Wins**

- The Chargers projected win total is 9.6 wins. Based on projected lines they are calculated to win 9.47 games.

WK	DATE	HA	OPPONENT	Line	%
1	9/9/2018	H	Kansas City	-3	0.596
2	9/16/2018	A	Buffalo	-4.5	0.639
3	9/23/2018	A	LA Rams	3	0.418
4	9/30/2018	H	San Francisco	-4	0.669
5	10/7/2018	H	Oakland	-6	0.670
6	10/14/2018	A	Cleveland	-4	0.677
7	10/21/2018	H	Tennessee	-3	0.583
9	11/4/2018	A	Seattle	1	0.484
10	11/11/2018	A	Oakland	-1	0.528
11	11/18/2018	H	Denver	-7	0.765
12	11/25/2018	H	Arizona	-8	0.738
13	12/2/2018	A	Pittsburgh	3.5	0.394
14	12/9/2018	H	Cincinnati	-9	0.700
15	12/13/2018	A	Kansas City	1	0.472
16	12/23/2018	H	Baltimore	-4.5	0.639
17	12/30/2018	A	Denver		0.500
					9.47

Oakland					
WK	DATE		HA	OPPONENT	8
1	9/10/2018		H	LA Rams	9.16
2	9/16/2018	6	A	Denver	7.13
3	9/23/2018	7	A	Miami	6.61
4	9/30/2018	7	H	Cleveland	6.21
5	10/7/2018	7	A	LA Chargers	9.47
6	10/14/2018	7	London	Seattle	7.60
				Bye	
8	10/28/2018	14	H	Indianapolis	6.43
9	11/1/2018	4	A	San Francisco	8.45
10	11/11/2018	10	H	LA Chargers	9.47
11	11/18/2018	7	A	Arizona	6.41
12	11/25/2018	7	A	Baltimore	8.58
13	12/2/2018	7	H	Kansas City	8.00
14	12/9/2018	7	H	Pittsburgh	9.91
15	12/16/2018	7	A	Cincinnati	6.57
16	12/24/2018	8	H	Denver	7.13
17	12/30/2018	6	A	Kansas City	8.00



2016 Results									
Week	HA	Home	SUW	SUL	PF	PA	LIN	WL	ATS
1	A	Tennessee			26	16	2.5	W	W
2	H	New York Jets	0	1	45	20	-14	W	W
3	A	Washington	1	1	10	27	-3.5	L	L
4	A	Denver	2	1	10	16	3.5	L	L
5	H	Baltimore	2	2	17	30	-3	L	L
6	H	LA Chargers	1	4	16	17	-3	L	L
7	H	Kansas City	5	1	31	30	3	W	W
8	A	Buffalo	4	2	14	34	2	L	L
9	A	Miami	4	3	27	24	-3	W	T
11	H	New England	7	2	8	33	7	L	L
12	H	Denver	3	7	21	14	-4	W	W
13	H	NY Giants	2	9	24	17	-9.5	W	L
14	A	Kansas City	6	6	15	26	4.5	L	L
15	H	Dallas	7	6	17	20	3	L	T
16	A	Philadelphia	12	2	10	19	10	L	W
17	A	LA Chargers	8	7	10	30	7	L	L

**Good**

- Host Indy off bye week
- Host Chargers off Thursday game—extra rest

**Bad**

- Give up home game to face Seattle in London
- Travel to Denver off Monday night game against Rams
- Travel to SF on Thursday night
- Travel to KC off Monday night game to finish season
- Host KC with Chiefs off their bye week
- Host Cleveland with Browns off Thursday night game—extra rest for Browns
- 3 early east coast starts

**Ugly**

- Finish season with 4 of 6 and 6 of 9 games against teams projected to win 8 or more games

**Projected Wins**

- Oakland's projected win total is 8.0 wins. Based on projected lines they are calculated to win 7.67 games.

WK	DATE	HA	OPPONENT	Line	%
1	9/10/2018	H	LA Rams	3	0.403
2	9/16/2018	A	Denver	3	0.418
3	9/23/2018	A	Miami	0	0.464
4	9/30/2018	H	Cleveland	-6	0.670
5	10/7/2018	A	LA Chargers	6	0.263
6	10/14/2018	H	Seattle	-1.5	0.507
8	10/28/2018	H	Indianapolis	-4	0.677
9	11/1/2018	A	San Francisco	4.5	0.354
10	11/11/2018	H	LA Chargers	1	0.484
11	11/18/2018	A	Arizona	1	0.484
12	11/25/2018	A	Baltimore	5	0.325
13	12/2/2018	H	Kansas City	-2.5	0.515
14	12/9/2018	H	Pittsburgh	3.5	0.398
15	12/16/2018	A	Cincinnati	-1.5	0.530
16	12/24/2018	H	Denver	-4	0.677
17	12/30/2018	A	Kansas City		0.500
					7.67