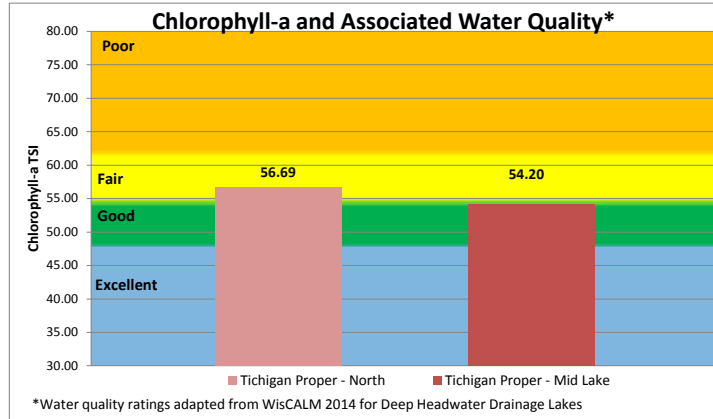
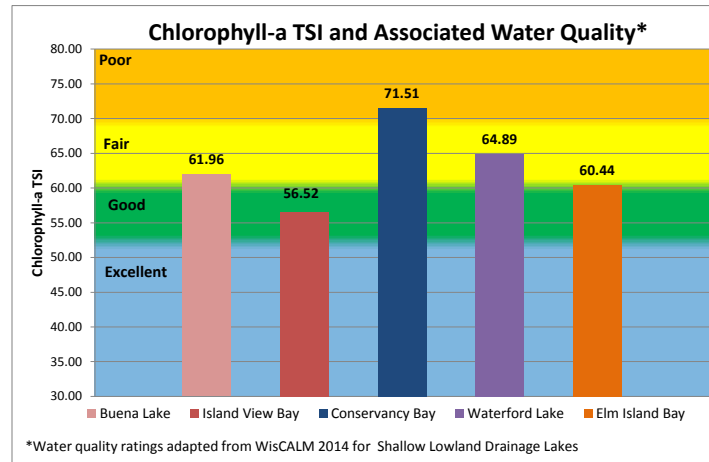
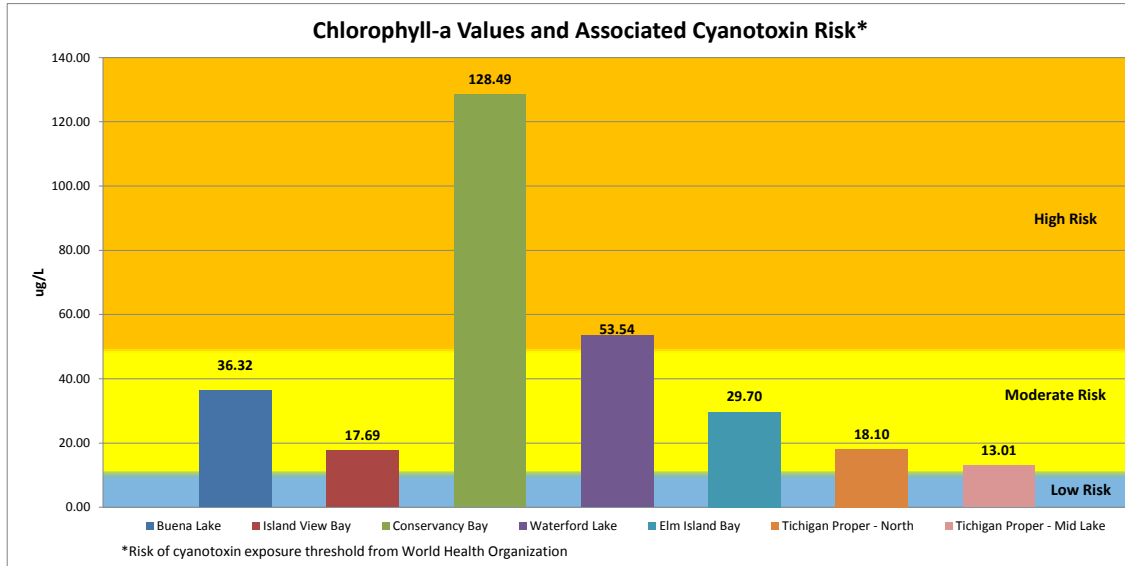


Waterford Waterway & Tichigan Lake Chlorophyll-a sampling results.

Waterbody Location	Sample ID	Chlorophyll- a (ug/L)	Chlorophyll-a TSI
Buena Lake	4w-1	36.32	61.96
Island View Bay	6w-1	17.69	56.52
Conservancy Bay	7w-1	128.49	71.51
Waterford Lake	1w-1	53.54	64.89
Elm Island Bay	2w-1	29.70	60.44
Tichigan Proper - North	8w-1	18.10	56.69
Tichigan Proper - East Bay	11s	---	---
Tichigan Proper - Mid Lake	10w-1	<10	---
	10w-1D	<10	---
	CLMD - WDNR^	13.01	54.20

Waterbody Location	Chlorophyll-a TSI
Buena Lake	61.96
Island View Bay	56.52
Conservancy Bay	71.51
Waterford Lake	64.89
Elm Island Bay	60.44
Tichigan Proper - North	56.69
Tichigan Proper - Mid Lake	54.20

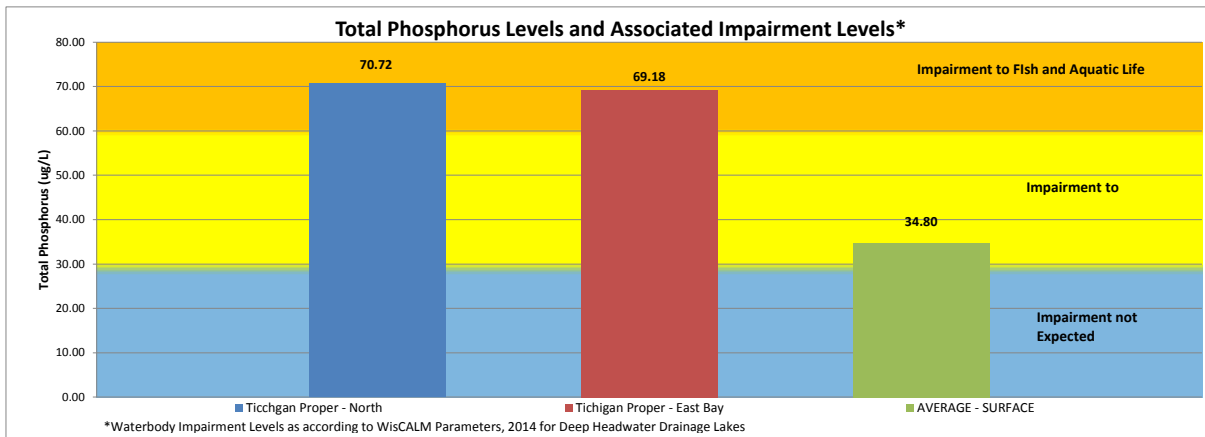
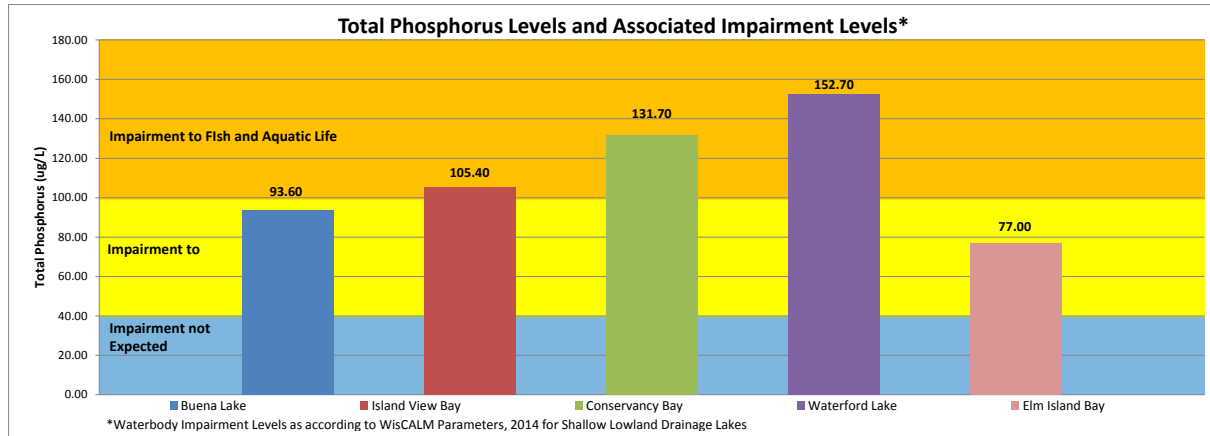
^ CLMD - WDNR: Citizen Lake Monitoring Data from WI Department of Natural Resources. Value displayed is average reading during June 1 - September 15, 2012-2016



Waterbody Location	Sample ID	Total Phosphorus (ug/L)	Total Phosphorus TSI
Buena Lake	4w-1	93.60	63.29
Island View Bay	6w-1	105.40	64.20
Conservancy Bay	7w-1	131.70	65.93
Waterford Lake	1w-1	152.70	67.07
Elm Island Bay	2w-1	77.00	61.78
Tichigan Proper - North	8w-1	42.40	57.17
	UW-W* 3	99.04	63.72
	AVERAGE	70.72	61.12
Tichigan Proper - East	UW-W 7	69.18	60.95
Tichigan Proper - Mid Lake	10w-1	32.30	55.06
	10w-1D	439.40	75.24
	UW-W Gary's Pier	36.32	55.97
	UW-W Half Circle	31.30	54.82
	UW-W Open Lake (Deep)	469.67	75.76
	CLMD - WDNR^	39.29	56.58
	AVERAGE - SURFACE	34.80	55.64
	AVERAGE - DEEP	454.54	75.50

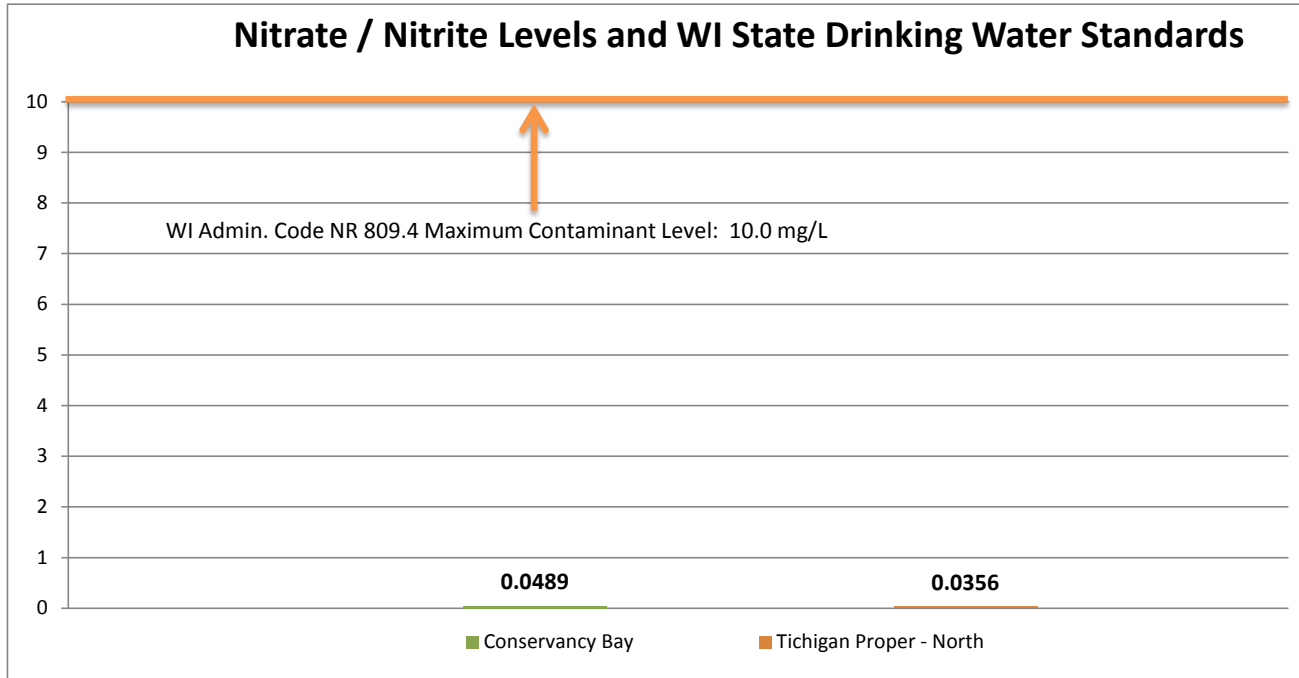
* UW-W: University of Wisconsin - Whitewater sample sites include multiple dates. Value displayed is average reading.

^ CLMD - WDNR: Citizen Lake Monitoring Data from WI Department of Natural Resources. Value displayed is average reading during June 1 - September 15, 2012-2016



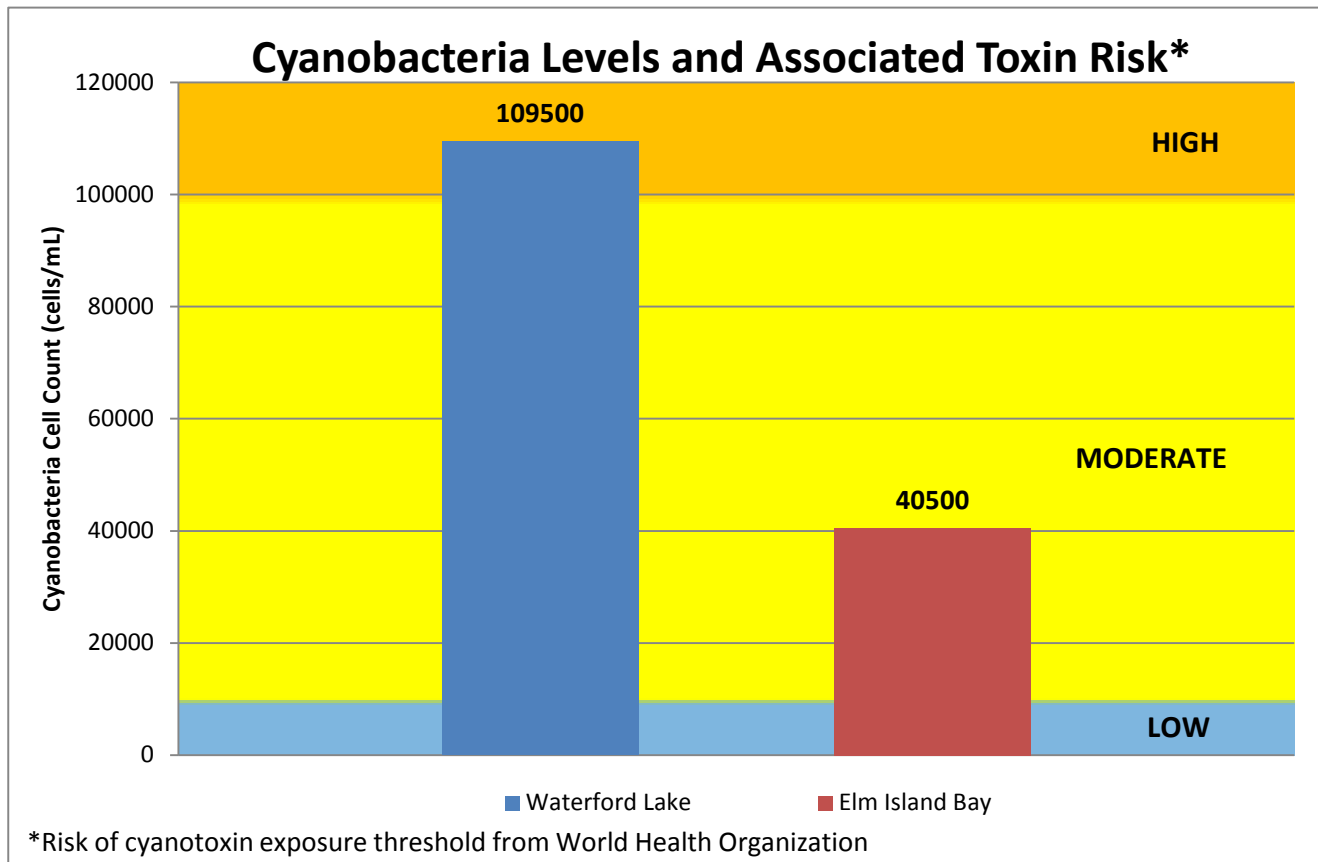
Waterbody Location	Sample ID	Total Nitrogen (mg/L)	Total Nitrate/Nitrite (mg/L)
Buena Lake	4w-1	2.0447	<0.02
Island View Bay	6w-1	1.5415	<0.02
Conservancy Bay	7w-1	2.9829	0.0489
Waterford Lake	1w-1	2.1837	<0.02
Elm Island Bay	2w-1	1.4083	<0.02
Tichigan Proper - North	8w-1	1.5206	0.0356
	UW-W* 3	2.8229	---
	AVERAGE	2.17175	---
Tichigan Proper - East Bay	UW-W 7	5.266	---
Tichigan Proper - Mid Lake	10w-1	0.3416	<0.02
	10w-1D	3.904	<0.02
	UW-W Gary's Pier	4.693	---
	UW-W Half Circle	3.59	---
	UW-W Open Lake (Deep)	1.002	---
	AVERAGE	2.70612	<0.02

* UW-W: University of Wisconsin - Whitewater sample sites include multiple dates. Value displayed is average reading.
 <0.02: Total Nitrate / Nitrite values are below limit of detection.

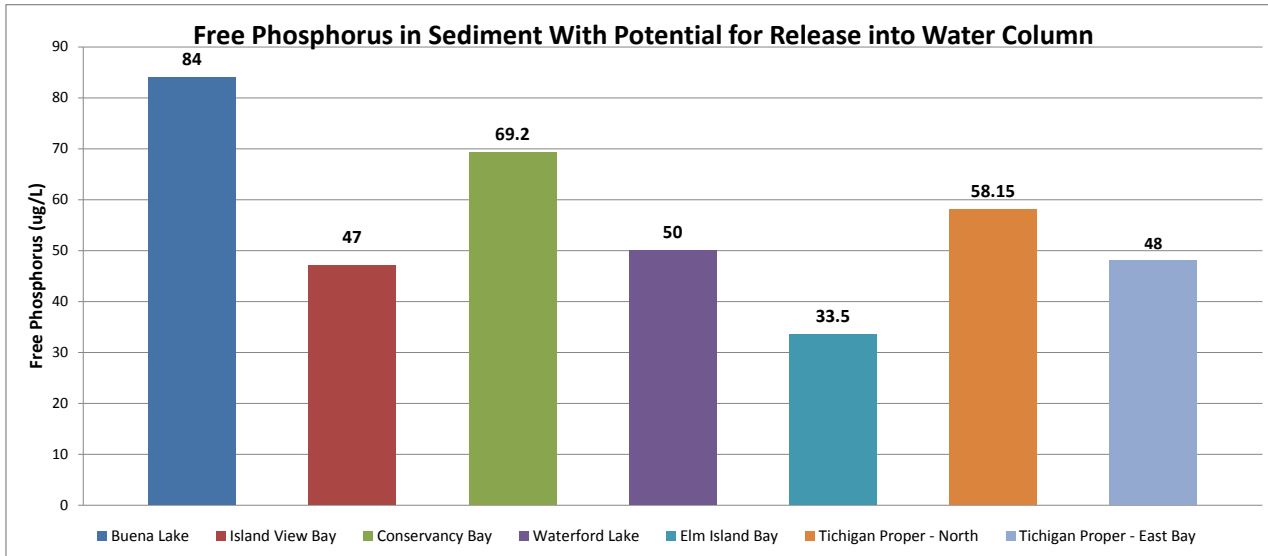


Waterbody Location	Sample ID	Blue Green Algae (cells/mL)
Buena Lake	---	---
Island View Bay	---	---
Conservancy Bay	---	---
Waterford Lake	1w-1	109500
Elm Island Bay	2w-1	40500
Tichigan Proper - North	---	---
Tichigan Proper - East Bay	11s	---**
Tichigan Proper - Mid Lake	10w-1	---

** - Filamentous Blue-green Algae was identified, but not associated to cell count



Waterbody Location	Sample ID	Sediment	
		Total Phosphorus (mg/kg)	Free Phosphorus (mg/Kg)
Buena Lake	5s	735	84
	S-4	910	---
	S-7	990	---
	S-40	940	---
	S-41	930	---
Island View Bay	6s	749	47
	S-2	1100	---
	S-33	1100	---
	S-34	910	---
Conservancy Bay	7s	746.1	69.2
	S-16	630	---
	S-17	980	---
	S-18	960	---
	S-19	1100	---
	S-20	460	---
	S-31	760	---
	S-35	1200	---
Waterford Lake	1s	489	50
Elm Island Bay	2s	629.1	33.5
	S-22	700	---
	S-23	1300	---
	S-24	780	---
Tichigan Proper - North	8s	1263	58
	9s	301.3	58.3
	S-28	530	---
	S-29	630	---
	Average	681.075	58.15
Tichigan Proper - East Bay	11s	569	48
	S-13	1200	---
	S-14	420	---



Waterbody Location	Sample ID	Water				Sediment	
		Total Phosphorus (ug/L)	Total Nitrogen (mg/L)	Chlorophyl- a (ug/L)	Blue Green Algae (cells/mL)	Total Phosphorus (mg/kg)	Free Phosphorus (mg/Kg)
Buena Lake	4w-1	93.6	2.0447	36.3178	---	---	---
	5s	---	---	---	---	735	84
	S-4	---	---	---	---	910	---
	S-7	---	---	---	---	990	---
	S-40	---	---	---	---	940	---
	S-41	---	---	---	---	930	---
Island View Bay	6w-1	105.4	1.5415	17.6933	---	---	---
	6s	---	---	---	---	749	47
	S-2	---	---	---	---	1100	---
	S-33	---	---	---	---	1100	---
	S-34	---	---	---	---	910	---
Conservancy Bay	7w-1	131.7	2.9829	128.4889	---	---	---
	7s	---	---	---	---	746.1	69.2
	S-16	---	---	---	---	630	---
	S-17	---	---	---	---	980	---
	S-18	---	---	---	---	960	---
	S-19	---	---	---	---	1100	---
	S-20	---	---	---	---	460	---
	S-31	---	---	---	---	760	---
S-35	---	---	---	---	1200	---	
Waterford Lake	1w-1	152.7	2.1837	53.5376	109500	---	---
	1s	---	---	---	---	489	50
Elm Island Bay	2w-1	77	1.4083	29.7	40500	---	---
	2s	---	---	---	---	629.1	33.5
	S-22	---	---	---	---	700	---
	S-23	---	---	---	---	1300	---
	S-24	---	---	---	---	780	---
Tichigan Proper - North	8s	---	---	---	---	1263	58
	8w-1	42.4	1.5206	18.1	---	---	---
	9s	---	---	---	---	301.3	58.3
	S-28	---	---	---	---	530	---
	S-29	---	---	---	---	630	---
	UW-W* 1	---	-4.5335	---	---	---	---
	UW-W* 3	99.04	2.8229	---	---	---	---
Tichigan Proper - East Bay	11s	---	---	---	---	569	48
	S-13	---	---	---	---	1200	---
	S-14	---	---	---	---	420	---
	UW-W* 7	69.177	5.266	---	---	---	---
Tichigan Proper - Mid Lake	10w-1	32.3	0.3416	<10	---	---	---
	10w-1D	439.4	3.904	<10	---	---	---
	UW-W* Gary's Pier	36.316	4.693	---	---	---	---
	UW-W* Half Circle	31.303	3.59	---	---	---	---
	UW-W* Open Lake (Deep)	469.67	1.002	---	---	---	---
	CLMD - WDNR^	39.29	---	13.009	---	---	---

* UW-W: University of Wisconsin - Whitewater sample sites include multiple dates. Value displayed is average reading.

^ CLMD - WDNR: Citizen Lake Monitoring Data from WI Department of Natural Resources. Value displayed is average reading during June 1 - September 15, 2012-2016

Start Date	Chlorophyll(ug/l)	Total Phosphorus(ug/l)	Total Phosphorus TSI	Chlorophyll TSI		5-year Averages	
						ug/L	TSI
6/27/2012	9.91	37	56	52			
7/18/2012	10.6	34	55	53		2012	13.57 54.33333
8/20/2012	20.2	30	54	58		2013	28.6 60
6/19/2013	52.3	51.4	59	65	CHL-A	2014	7.395 50
7/29/2013	34.9	52.4	59	62		2015	8.6 51
9/2/2013	22.3	111	65	58		2016	6.88 49
6/30/2014	14.3	30.8	55	55		Overall Avg.	13.009 52.86667
7/30/2014	6.73	22.2	52	49		2012	33.66667 55
8/26/2014	8.06	24.8	53	51		2013	71.6 61
6/2/2015		39.3	57		Total P	2014	25.93333 53.33333
9/22/2015	8.6	26.4	54	51		2015	32.85 55.5
6/27/2016	6.88	32.4	55	49		2016	32.4 55
						Overall Avg.	39.29 55.96667