



CLEARWATER POLICE DEPARTMENT

**Traffic Safety
Improvement Program**

**July 1, 2012 to
June 30, 2014**

Red Light Cameras were installed at two intersections to help reduce the number of red light running crashes and injuries or fatalities associated with these crashes.

The City of Clearwater identified three approaches at two intersections w/ a higher rate of red light running and red light running crashes based on data from 2009 to 2010. Redflex Inc., is the company that is managing the program for the City.

The “Warning” and “Public Education” campaign began on July 1, 2012 and concluded on July 30, 2012.

The “Notice of Violation” period commenced on July 31, 2012 at 0001 hours.



Currently, CPD monitors Red Light Cameras at three approaches at two intersections.



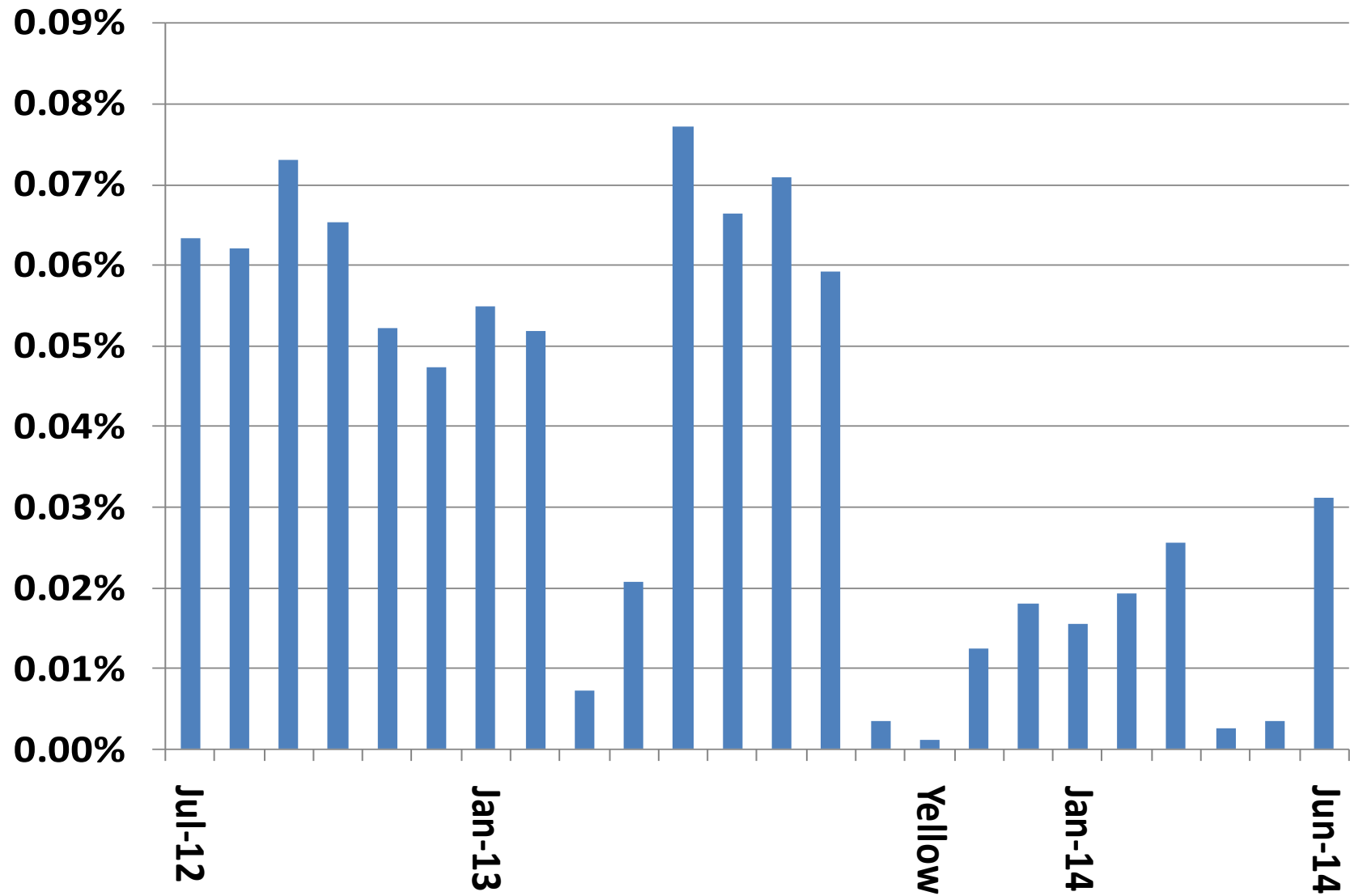
- **Fort Harrison Ave. & Chestnut St. (Eastbound)**
- **Gulf to Bay Blvd. & Belcher Rd. (Eastbound)**
- **Gulf to Bay Blvd. & Belcher Rd. (Westbound)**

Chestnut St. & S. Fort Harrison Ave. Violations

Time Period	Total Violations	Total Vehicle Count	Violation Rate
Base Study (January 2012)	N/A	N/A	.8500%
July 2012 to June 2013	3,321	6,136,558	.0527%
July 2013 to June 2014	1,880	6,155,185	.0305%

Violation Rate

Chestnut St. & S. Fort Harrison Ave

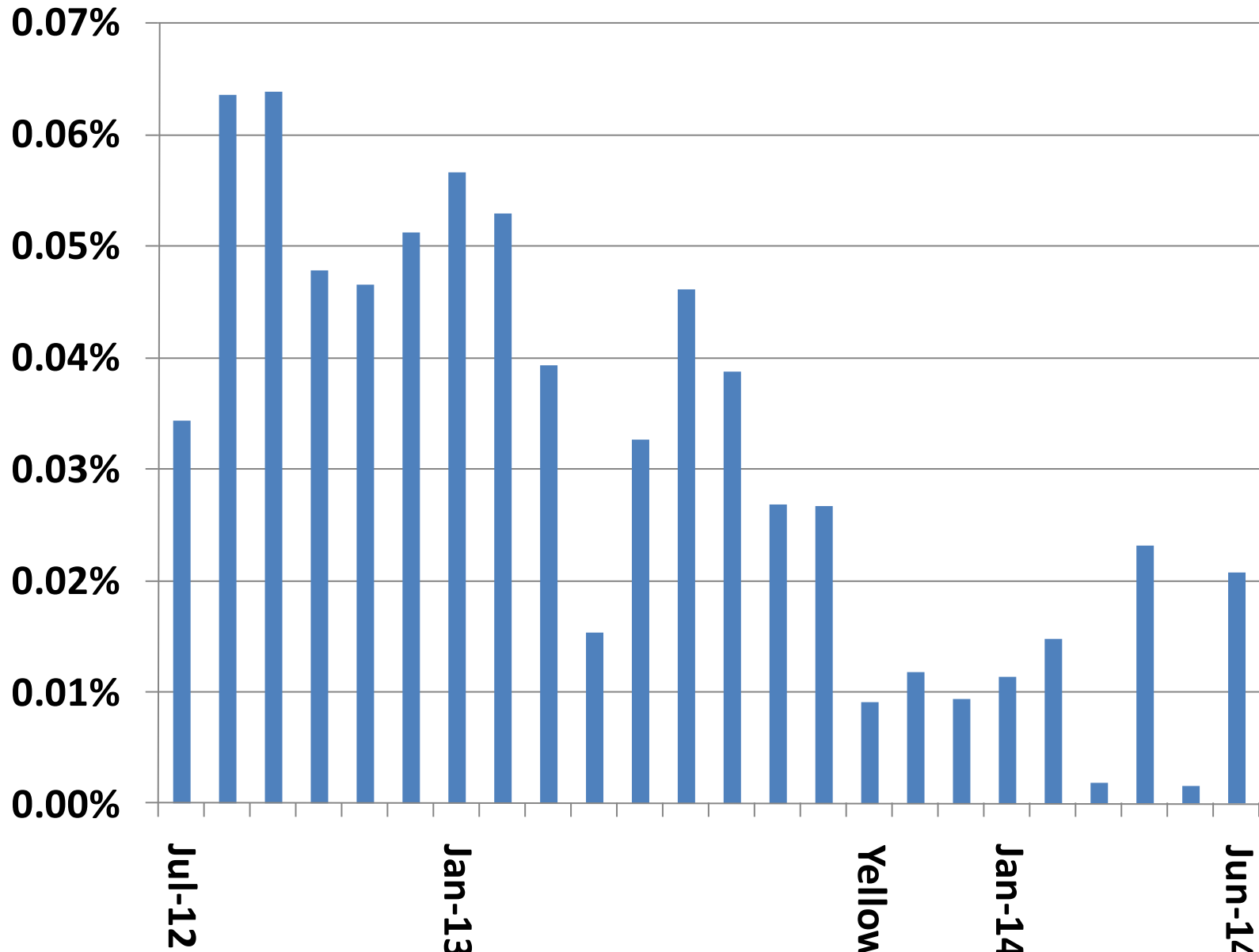


Gulf to Bay Blvd. and Belcher Rd. (E/B) Violations

Time Period	Total Violations	Total Vehicle Count	Violation Rate
Base Study (January 2012)	N/A	N/A	.3000%
July 2012 to June 2013	3,139	6,845,708	.0459%
July 2013 to June 2014	1,149	6,268,439	.0183%

VIOLATION RATE

GULF TO BAY AND BELCHER (E/B)

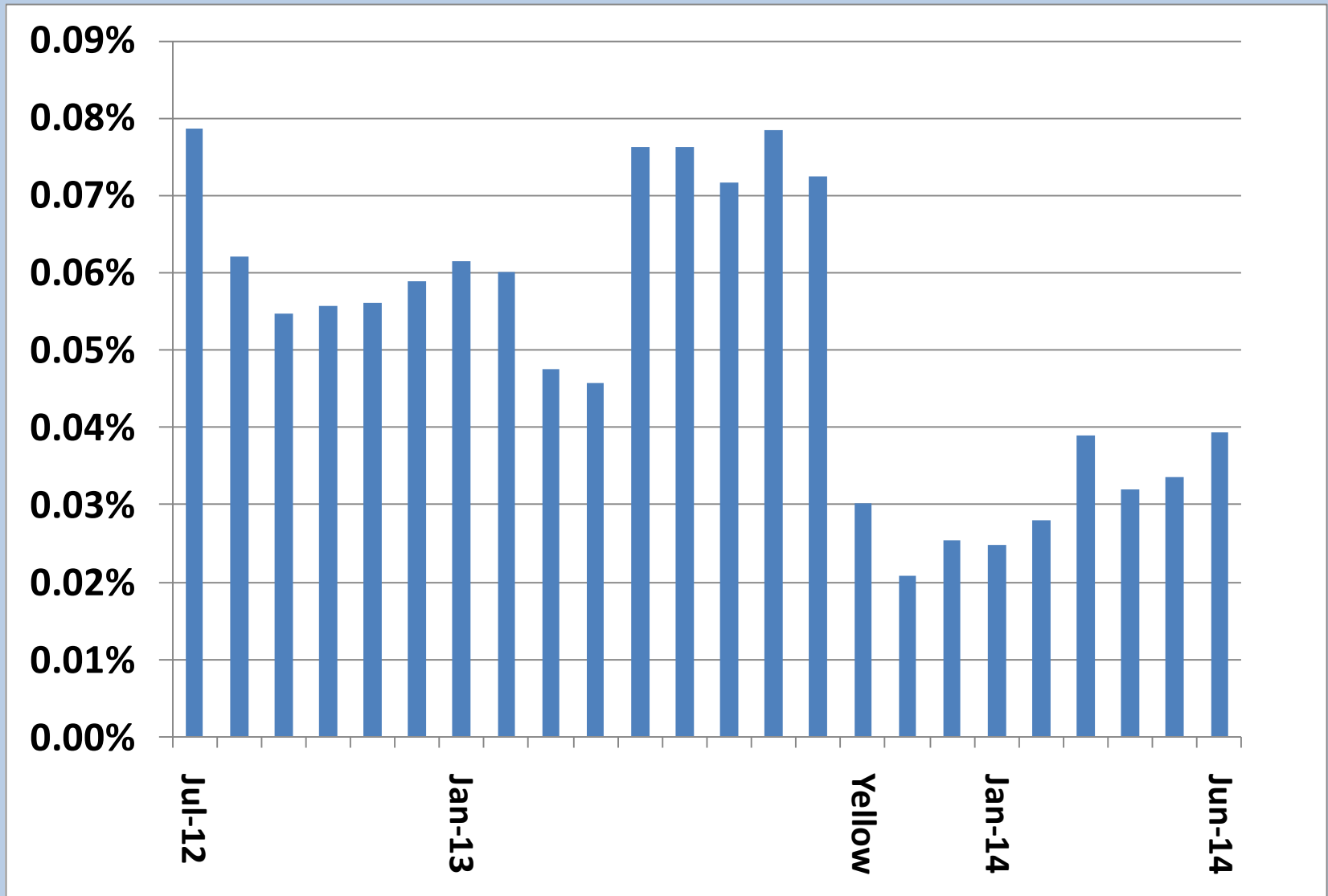


Gulf to Bay Blvd. and Belcher Rd. (W/B) Violations

Time Period	Total Violations	Total Vehicle Count	Violation Rate
Base Study (January 2012)	N/A	N/A	.4400%
July 2012 to June 2013	4,363	7,151,097	.0610%
July 2013 to June 2014	2,755	6,842,911	.0403%

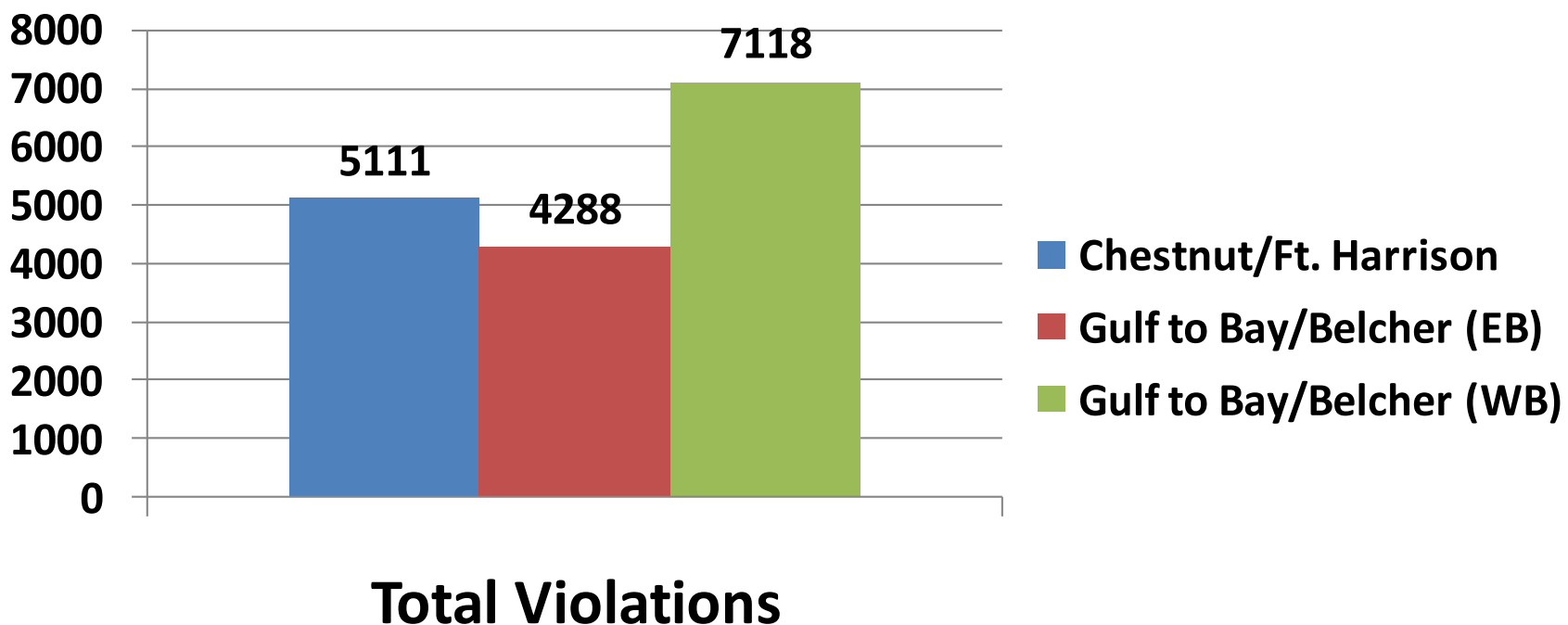
VIOLATION RATE

GULF TO BAY AND BELCHER (W/B)



July 2012-June 2014 Violation Total

	Chestnut / Fort Harrison	GTB/ Belcher (EB)	GTB/ Belcher (WB)	Total
Violations	5,111	4,288	7,118	16,517



CRASH DATA

TOTAL LONG FORM CRASHES FOR PINELLAS COUNTY AND CITY OF CLEARWATER



Pinellas County

7/1/2011 to 6/30/2012	14209	
7/1/2012 to 6/30/2013	14139	-0.49%
7/1/2013 to 6/30/2014	16692	+18%

Clearwater

7/1/2011 to 6/30/2012	1403	
7/1/2012 to 6/30/2013	1262	-10.05%
7/1/2013 to 6/30/2014	1154	-8.56%

CRASH DATA INJURY DEFINED CRASHES



Chestnut / Ft. Harrison

Year	Total Crashes	Fatal Crashes	Injury Crashes (Incapacitating)	Injury Crashes (Non- Incapacitating)
July 2011- June 2012	2	0	1	1
July 2012-June 2013	9	0	0	1
July 2013-June 2014	11	0	0	0

CRASH DATA

INJURY DEFINED

CRASHES

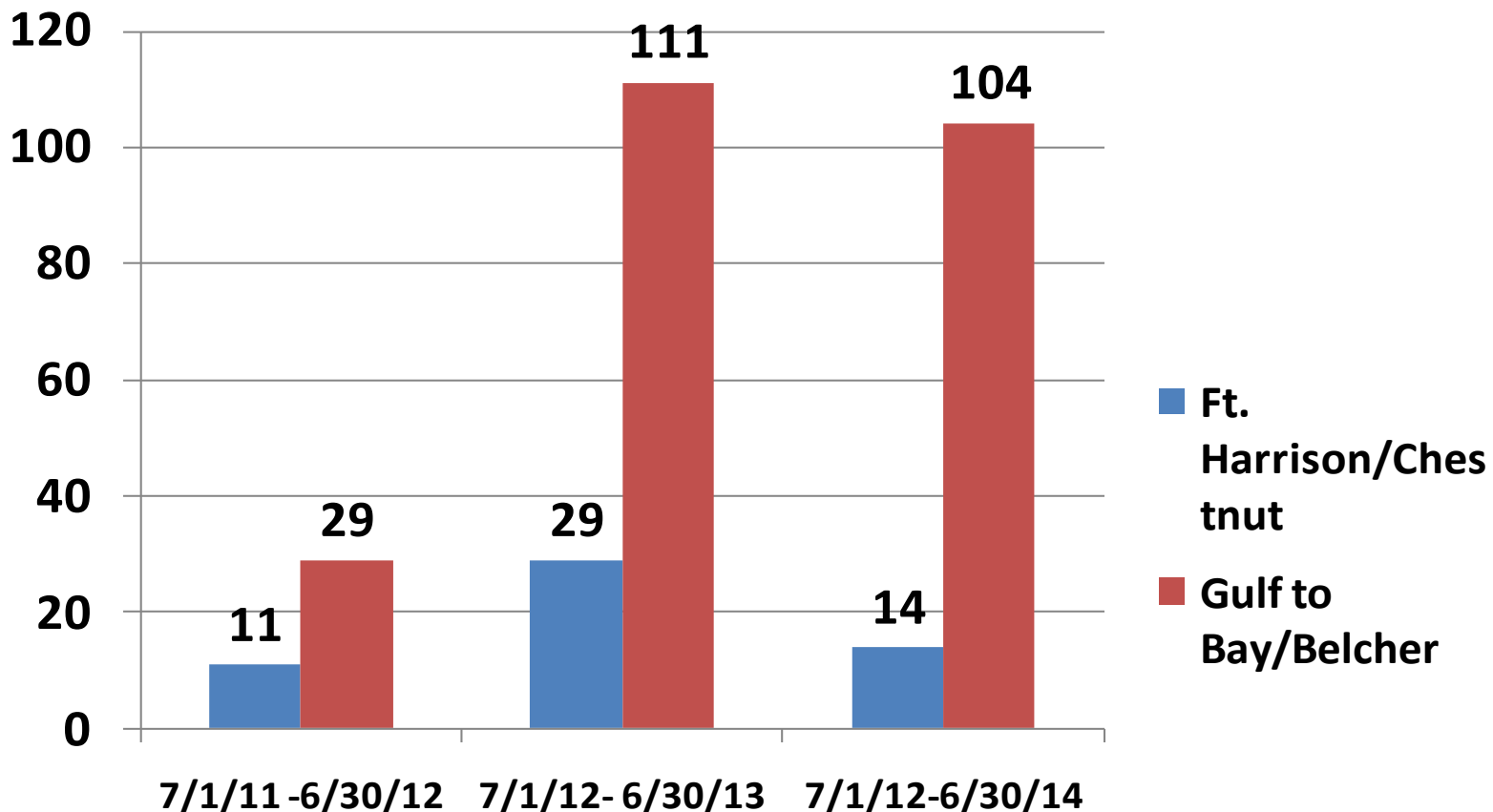


Gulf to Bay / Belcher

Year	Total Crashes	Fatal Crashes	Injury Crashes (Incapacitating)	Injury Crashes (Non- Incapacitating)
July 2011-June 2012	29	0	8	0
July 2012-June 2013	120	0	5	4
July 2013-June 2014	104	1	4	5

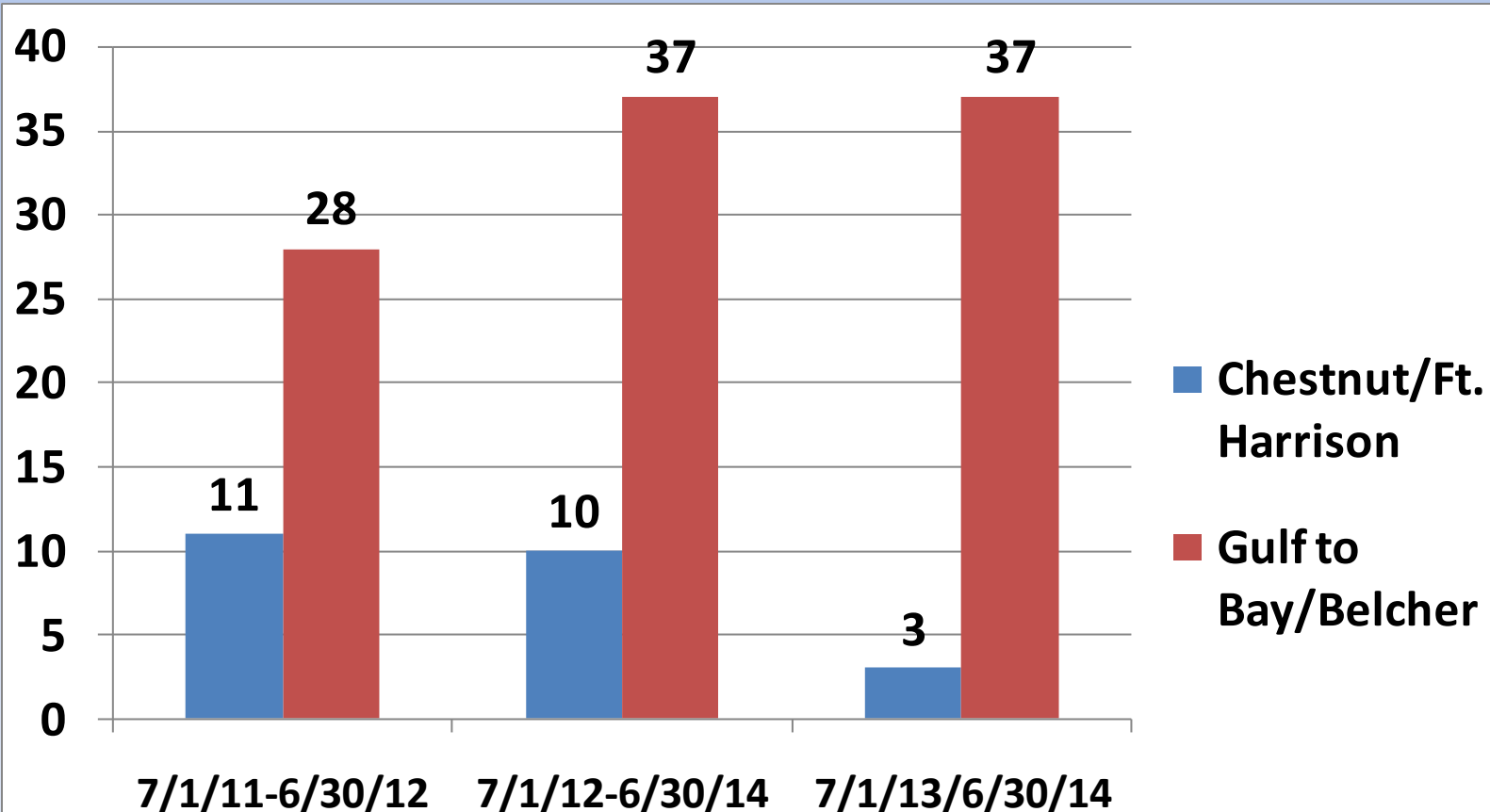
CRASH DATA

TOTAL CRASHES AT RED LIGHT CAMERA INTERSECTIONS



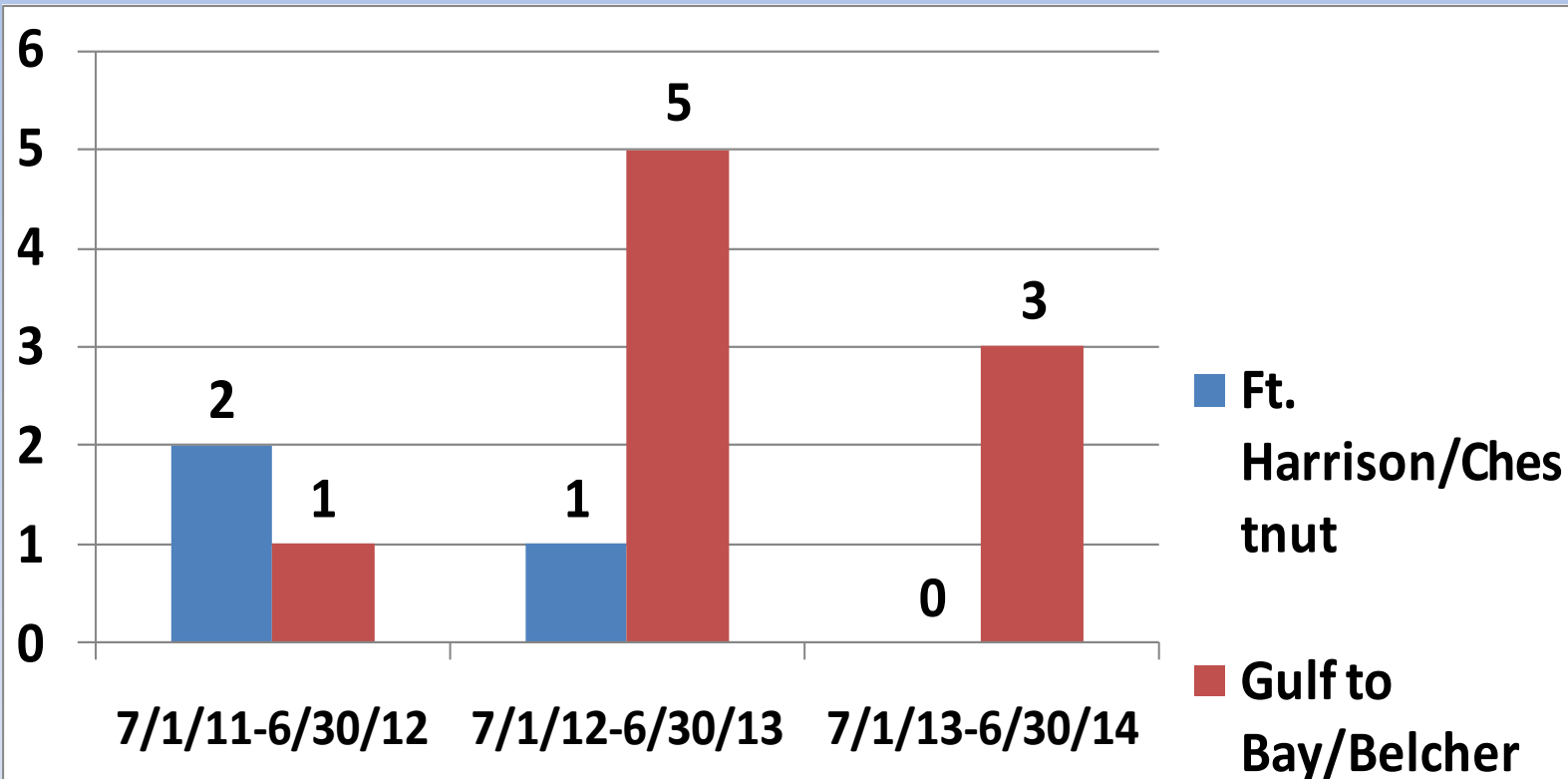
CRASH DATA

LONG FORM CRASH REPORTS FOR RED LIGHT CAMERA INTERSECTIONS



CRASH DATA

TOTAL CRASHES FROM RED LIGHT VIOLATIONS



Short form crash reports not included 7/1/11-6/30/2012

CRASH DATA

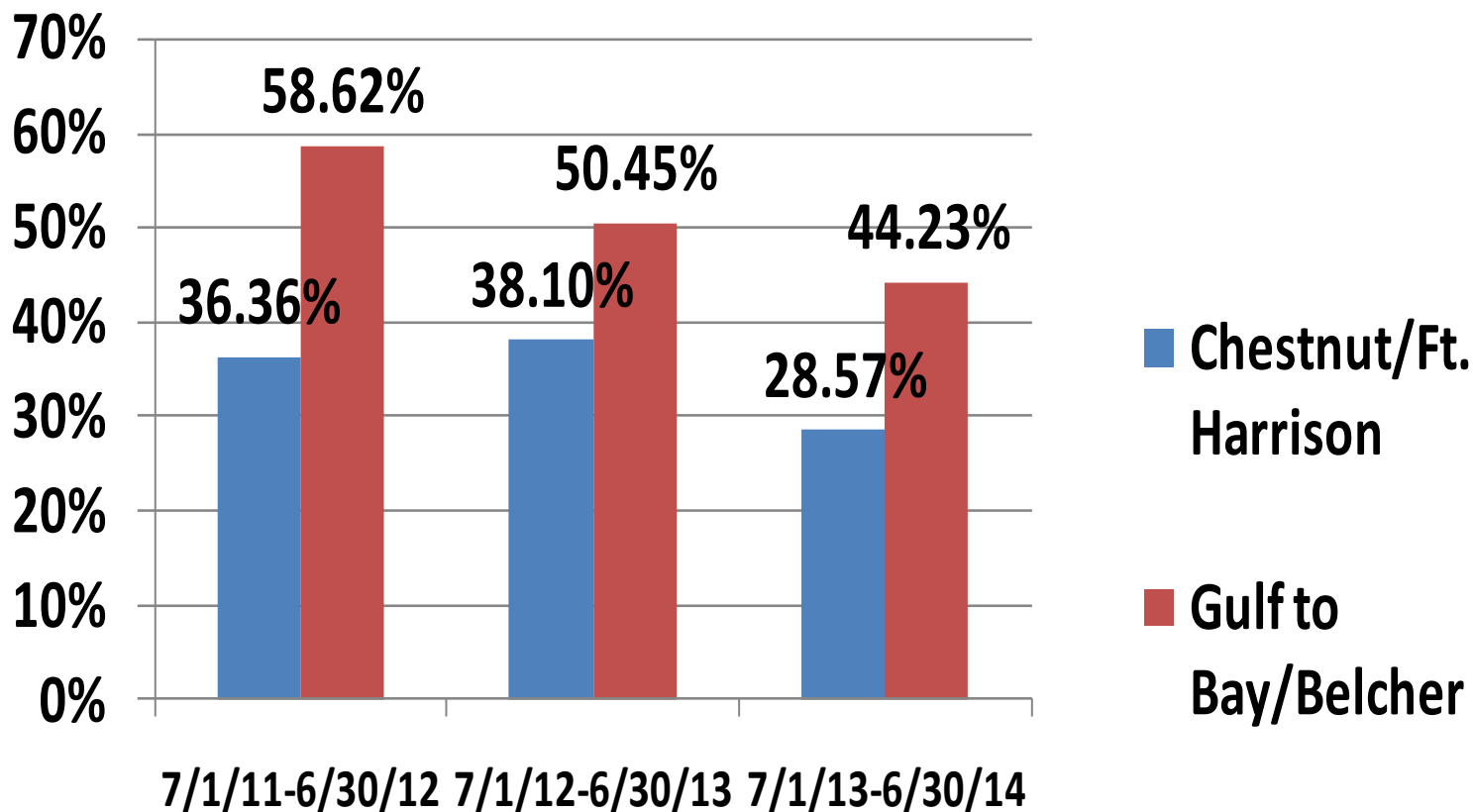
PERCENTAGE OF REAR-END COLLISION CRASHES AT RED LIGHT CAMERA INTERSECTIONS



Percentage of Rear End Collisions to Total Crashes		
	Chestnut and Fort Harrison	Gulf to Bay & Belcher
7/1/2011 to 6/30/2012	36.36%	58.62%
7/1/2012 to 6/30/2013	38.10%	50.45%
7/1/2013 to 6/30/2014	28.57%	44.23%

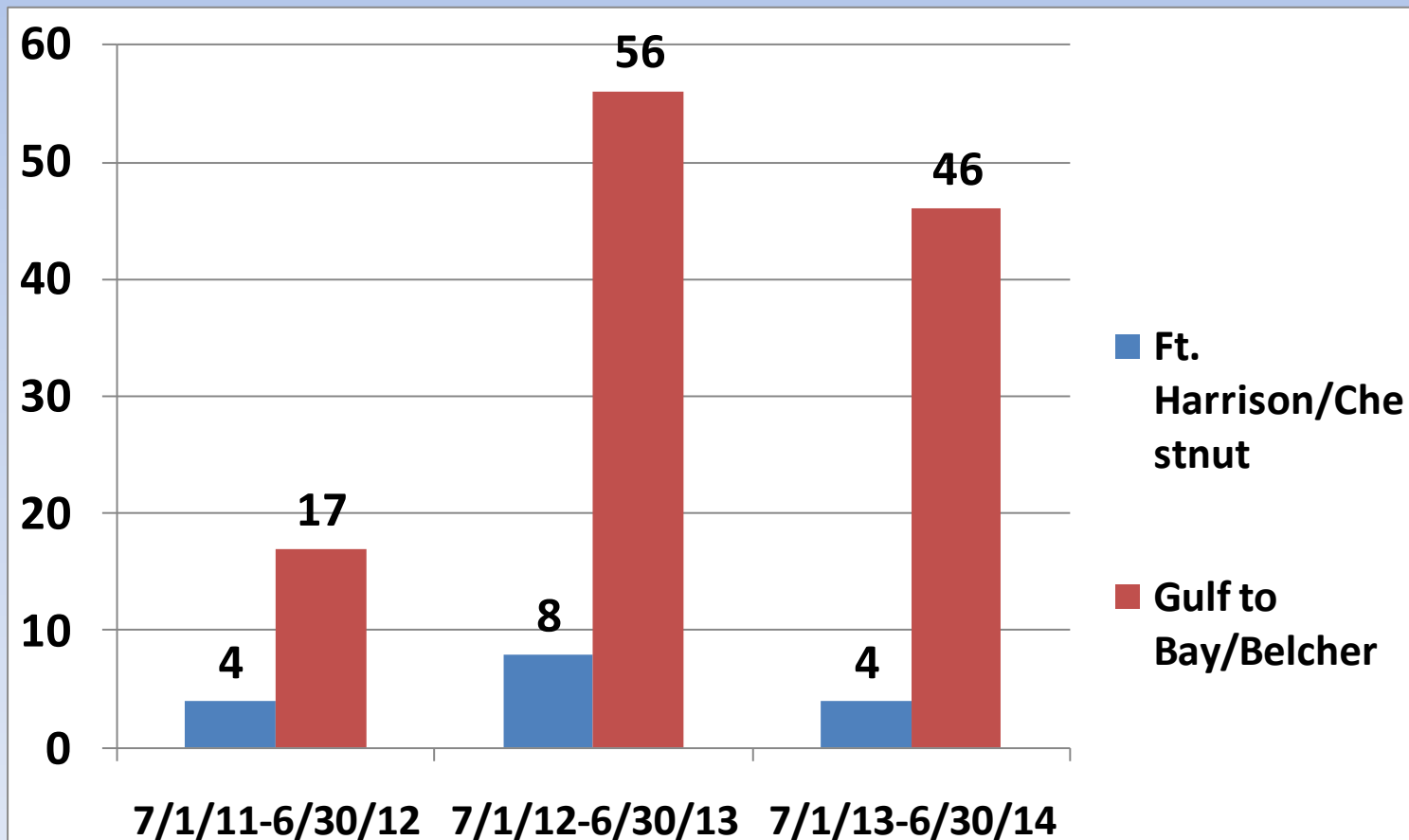
CRASH DATA

PERCENTAGE OF REAR-END COLLISION CRASHES AT RED LIGHT CAMERA INTERSECTIONS



CRASH DATA

TOTAL REAR-END COLLISION CRASHES AT RED LIGHT CAMERA INTERSECTIONS



CRASH DATA

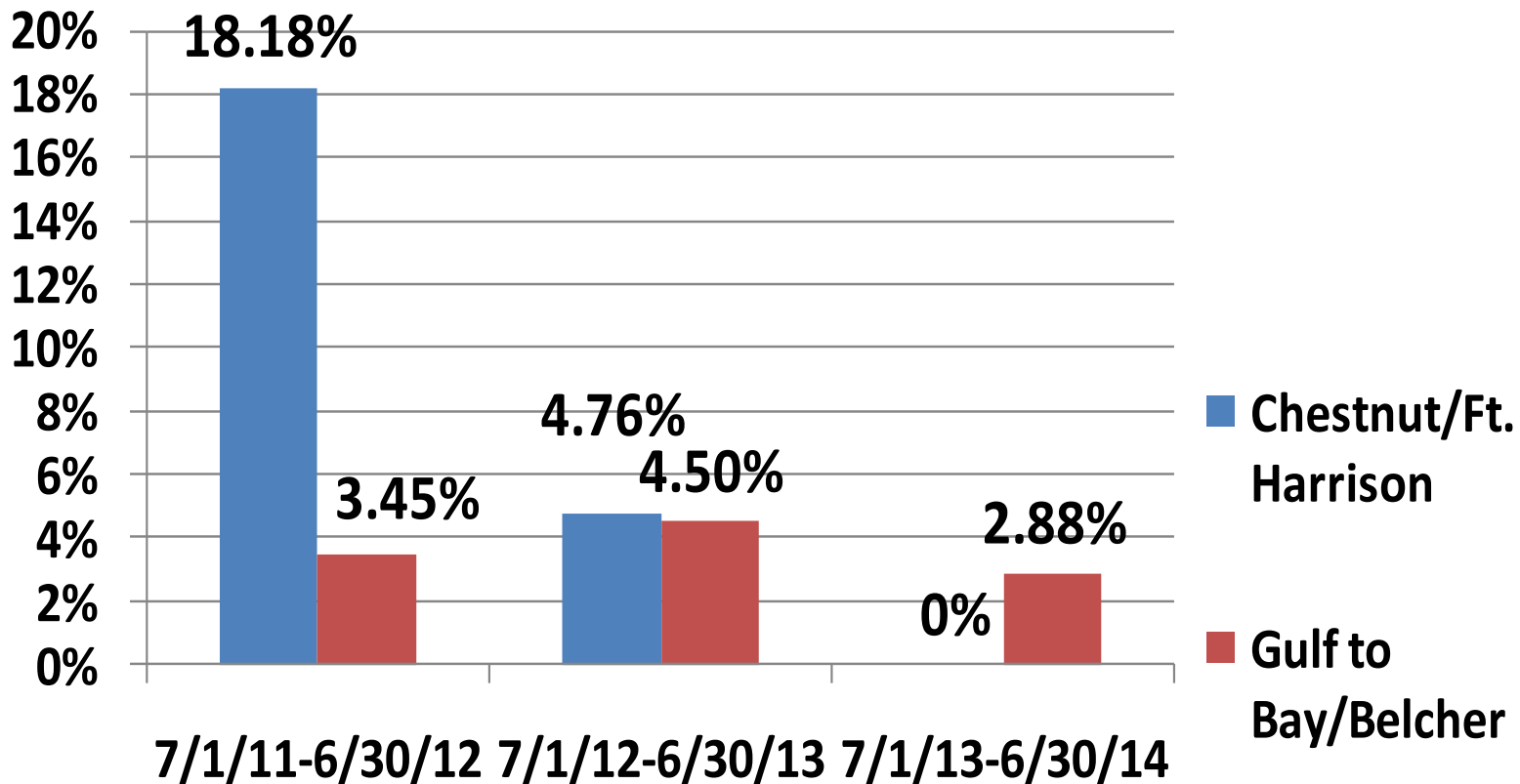
Percentage of Crashes from Red Light Violations



Percentage of Red Light Crashes to Total Crashes		
	Chestnut & Fort Harrison	Gulf to Bay & Belcher
7/1/2011 to 6/30/2012	18.18%	3.45%
7/1/2012 to 6/30/2013	4.76%	4.50%
7/1/2013 to 6/30/2014	0%	2.88%

CRASH DATA

Percentage of Crashes from Red Light Violations



FINANCIAL INFORMATION

Red Light Cameras

This information ties directly to what is showing on G/L as of 07/30/14. There are some pending transactions that haven't hit G/L at this time.

Revenues

Account	Description	Amount
0010-00000-354110	Red Light Camera Fines	\$241,419.77
		\$241,419.77

Total Expenses

Account	Description	Amount
0010-01139-510200	Part-Time Salaries & Wages	\$3,182.35
0010-01139-510600	Vacation Leave	\$0.00
0010-01139-512700	Holiday Time	\$361.98
0010-01139-520600	Social Security	\$265.04
0010-01139-520900	Workers Compensation	\$710.00
0010-01139-530300	Other Contractual Services	\$130,102.50
0010-01139-542500	Postage	\$5,610.15
0010-01139-550400	Operating Supplies & Materials	\$0.00
		\$140,232.02

Overall Total: **\$101,187.75**

Accident Investigation Assistance



School Crossing Guard Doug Carey Investigation



Motorcycle Flip



CLEARWATER POLICE DEPARTMENT

**Traffic Safety
Improvement Program**

**July 1, 2012 to
June 30, 2014**

Chestnut St. and S. Fort Harrison Ave.

<u>MONTH</u>	<u>VIOLATIONS</u>	<u>VEH COUNT</u>	<u>VIOL RATE</u>
Jul 2012	296	467,116	0.0633%
Aug 2012	335	539,186	0.0621%
Sep 2012	349	476,891	0.0731%
Oct 2012	319	487,973	0.0653%
Nov 2012	235	450,269	0.0522%
Dec 2012	218	460,357	0.0474%
Jan 2013	278	506,053	0.0549%
Feb 2013	258	497,374	0.0519%
Mar 2013	44	605,591	0.0073%
Apr 2013	116	559,731	0.0207%
May 2013	440	569,558	0.0773%
Jun 2013	343	516,459	0.0664%
Jul 2013	401	564,430	0.0710%
Aug 2013	296	500,204	0.0592%
Sep 2013	156	444,422	0.0035%
Oct 2013	54	461,313	0.0012%
Nov 2013	56	450,605	0.0124%
Dec 2013	86	476,704	0.0180%
Jan 2014	72	465,531	0.0155%
Feb 2014	96	500,574	0.0192%
Mar 2014	154	602,120	0.0256%
Apr 2014	142	574,732	0.0025%
May 2014	193	557,658	0.0035%
Jun 2014	174	556,892	0.0312%
Grand Total	5,111	12,291,743	0.0416%

Gulf to Bay Blvd. and Belcher Rd. (E/B)

<u>MONTH</u>	<u>VIOLATIONS</u>	<u>VEH COUNT</u>	<u>VIOL RATE</u>
Jul 2012	165	479,351	0.0344%
Aug 2012	407	639,912	0.0636%
Sep 2012	381	596,532	0.0639%
Oct 2012	241	503,923	0.0478%
Nov 2012	267	573,322	0.0466%
Dec 2012	307	598,260	0.0513%
Jan 2013	310	547,391	0.0566%
Feb 2013	280	529,162	0.0529%
Mar 2013	263	669,635	0.0393%
Apr 2013	96	621,850	0.0154%
May 2013	192	587,955	0.0327%
Jun 2013	230	498,415	0.0461%
Jul 2013	207	533,951	0.0388%
Aug 2013	109	406,986	0.0268%
Sep 2013	128	479,923	0.0267%
Oct 2013	56	616,060	0.0091%
Nov 2013	64	543,135	0.0118%
Dec 2013	53	565,493	0.0094%
Jan 2014	62	545,037	0.0114%
Feb 2014	73	497,814	0.0147%
Mar 2014	105	596,452	0.0018%
Apr 2014	116	498,534	0.0232%
May 2014	83	538,860	0.0015%
Jun 2014	93	446,194	0.0208%
Grand Total	4,288	13,114,147	0.0327%

Gulf to Bay Blvd. and Belcher Rd. (W/B)

<u>MONTH</u>	<u>VIOLATIONS</u>	<u>VEH COUNT</u>	<u>VIOL RATE</u>
Jul 2012	491	623,605	0.0787%
Aug 2012	403	648,910	0.0621%
Sep 2012	306	558,559	0.0548%
Oct 2012	347	622,731	0.0557%
Nov 2012	332	590,965	0.0561%
Dec 2012	355	601,312	0.0590%
Jan 2013	380	618,071	0.0615%
Feb 2013	350	582,525	0.0601%
Mar 2013	297	625,275	0.0475%
Apr 2013	267	584,067	0.0457%
May 2013	414	542,437	0.0763%
Jun 2013	421	552,640	0.0762%
Jul 2013	343	478,112	0.0717%
Aug 2013	411	523,975	0.0784%
Sep 2013	404	556,220	0.0726%
Oct 2013	197	653,024	0.0302%
Nov 2013	116	555,537	0.0209%
Dec 2013	159	626,689	0.0254%
Jan 2014	154	621,566	0.0248%
Feb 2014	171	609,918	0.0280%
Mar 2014	245	629,248	0.0389%
Apr 2014	153	479,695	0.0319%
May 2014	195	582,152	0.0335%
Jun 2014	207	526,775	0.0393%
Grand Total	7,118	13,994,008	0.0507%