



Fort Pierce Police Department Crime Analysis Unit

5 Year Alarm Response Review

Prepared for Lt Chris Bender

The following is a review of alarm response calls for service for 2010 through June 30, 2015.

During the review period, there were a total of 11,543 law enforcement responses to alarm calls for service. This number also includes law enforcement responses to fire alarms. The table on the right indicates the frequency of alarm calls by year. Please note that the total for 2015 covers January 1 through June 30.

FREQUENCY OF ALARM CALLS	
YEAR	FREQ
2010	2113
2011	2069
2012	2087
2013	2100
2014	2057
2015 (Jan - Jun)	1117
Total	11543

A review of the alarm calls show that our repeat calls are primarily to businesses and local schools. The following tables indicate the top ten repeat locations by year.

2010 Top Ten Addresses		
Location	Business Name	Frequency
4300 Okeechobee Rd	Charter Schools of Fort Pierce	24
2250 S Jenkins Rd	Samuel Gaines Academy K-8	24
1100 Delaware Ave	Fort Pierce Magnet School of the Arts	22
2539 S US Highway 1	Nova Cinemas	18
800 Virginia Ave	Business Plaza (Various Businesses)	16
4180 Okeechobee Rd	Oxford Collection Agency	15
921 Orange Ave	St Mark's Missionary Baptist Church	14
809 N 9th Street	Agape Senior Center	14
2608 S US Highway 1	Deeco's Auto Dealership	14
502 N 22nd St	Smitty's Garage	13

2011 Top Ten Addresses		
Location	Business Name	Frequency
1100 Delaware Ave	Fort Pierce Magnet School of the Arts	21
4888 Okeechobee Rd	Tractor Supply	20
2750 S US Highway 1	Sands of St Lucie	18
1505 Orange Ave	Council on Aging	17
501 Orange Ave	Wells Fargo	16
2111 S US Highway 1	Kmart	16
1201 Mississippi Ave	Dan McCarty Middle School	16
1601 S US Highway 1	Popeye's Chicken	14
2710 S US Highway 1	Nature's Way Exercise Club	13
1900 Nebraska Ave	Lawnwood Physicians Center	13

2012 Top Ten Addresses		
Location	Business Name	Frequency
1600 S US Highway 1	TD Bank	24
2710 S US Highway 1	Nature's Way	15
406 S 33rd St	Children's Institute of Higher Learning	14
601 Virginia Ave	Chase Bank	14
4300 Okeechobee Rd	Charter School of Fort Pierce	14
5110 Okeechobee Rd	Murphy's Gas Station	13
4696 Okeechobee Rd	Hess Mart	13
2915 S US Highway 1	Avis	13
2421 S US Highway 1	Bank of America	13
1050 Virginia Av	Bank Atlantic/BB&T Bank	13

2013 Top Ten Addresses		
Location	Business Name	Frequency
5110 Okeechobee Rd	Murphy USA Gas	43
1110 N 32nd Street	Garden Terrace / ALPI Children & Family Service	31
3350 S US Highway 1	Bev Smith Toyota	27
603 N Indian River Drive	PNC Bank	24
4100 Selvitz Rd	Waste Pro	24
1108 N 22nd St	<i>Residential Home</i>	24
6900 Okeechobee Rd	Chevron/Citgo Gas Station	22
1150 Bell Ave	Bell Ave Warehouse	20
501 Orange Ave	Wells Fargo Bank	18
601 N 25th St	Three O's	16

2014 Top Ten Addresses		
Location	Business Name	Frequency
1110 N 32nd St	Garden Terrace / ALPI Children & Family Service	26
1201 Mississippi Ave	Dan McCarty Middle School	24
4100 Selvitz Rd	Waste Pro	19
1806 Avenue I	Lincoln Park Academy	18
2625 S US Highway 1	Golden Bear Pancake House	17
2810 S US Highway 1	Folkies Restaurant/TD Bank/Virginia College	17
2421 S US Highway 1	Bank of America	17
2111 S US Highway 1	Kmart	15
601 Avenue B	Fort Pierce High Rise	14
1700 S 23rd St	Lawnwood Hospital	13

2015 (Jan - Jun) Top Ten Addresses		
Location	Business Name	Frequency
2021 Avenue D	Plant a Seed Thrift Store	19
2024 S US Highway 1	Amvet	17
222 Orange Ave	Lorenzo's Pizza	14
1110 N 32nd St	Garden Terrace / ALPI Children & Family Service	12
1301 Orange Ave	Orange Corner	12
1200 Delaware Ave	Fort Pierce Magnet School of the Arts	10
4891 S US Highway 1	Burger King	8
705 S 23rd St	<i>Residential Home</i>	7
408 Brown Ct	Health Department	7
2750 S Kings Hwy	GCR Tires	7

The following table is a breakdown of alarms by alarm type for 2013 – 2015. It also includes the average time spent on alarm calls for each alarm type. It should be noted that prior to the transition to OSSI CAD, both fire and residential premise alarms were coded as “alarm”.

Call Nature	2013	Avg Time On Call	2014	Avg Time On Call	2015 (Jun-Jul)	Avg Time On Call	Total	Avg Time On Call
Commercial Fire Alarm	17	0:32:31	28	0:27:07	12	0:28:34	57	0:29:02
Residential Fire Alarm	1	0:20:25	3	0:19:52	5	0:17:30	9	0:19:33
Commercial Police Alarm	1213	0:21:55	1117	0:19:13	599	0:19:07	2991	0:20:08
Residential Police Alarm	869	0:11:40	847	0:08:08	501	0:12:22	2217	0:10:53
Total	2100	0:21:09	2057	0:19:41	1117	0:18:19	5274	0:19:54

The 80/20 rule is a theory that states a small percentage of something or some group (addresses) is responsible for a large percentage of some result (alarm calls). The percentages will vary depending on the type of activity that is being represented. The 80/20 Analysis Chart below depicts the percentage of repeat locations versus the number of alarms.

In the 80/20 Analysis Chart for Alarms during the time period mention above (2010 – June 2015), the ten (10) addresses listed account for 5.4% of all alarm calls. These ten addresses make up .41% of all addresses (2,454 address) officers have responded to for alarm calls during the specified time period. Likewise 9% of the alarm responses can be attributed to only 20 address or 0.81% of all addresses responded to for alarms. Please note, the total addresses are only those that officers responded to for alarm calls and does not reflect the total number of addresses within the city.

**80/20 Analysis of Alarms Response Calls for Service:
January 1, 2010 - June 30, 2015**

ADDRESS	Business Name	Freq	Alarm %	Cum % of Alarms	Address % (N=2454)	Cum % of Addresses
1110 N 32ND ST	<i>Garden Terrace / ALPI Childrend & Family Service</i>	75	0.6%	0.6%	0.04%	0.04%
2421 S US HIGHWAY 1	<i>Bank of America</i>	67	0.6%	1.2%	0.04%	0.08%
1100 DELAWARE AV	<i>Fort Pierce Magnet School of the Arts</i>	66	0.6%	1.8%	0.04%	0.12%
5110 OKEECHOBEE RD	<i>Murphy's Gas Station</i>	65	0.6%	2.4%	0.04%	0.16%
501 ORANGE AV	<i>Wells Fargo Bank</i>	61	0.5%	2.9%	0.04%	0.20%
1201 MISSISSIPPI AV	<i>Dan McCarty Middle School</i>	59	0.5%	3.4%	0.04%	0.24%
1600 S US HIGHWAY 1	<i>TD Bank</i>	58	0.5%	3.9%	0.04%	0.29%
4300 OKEECHOBEE RD	<i>Charter School of Fort Pierce</i>	56	0.5%	4.4%	0.04%	0.33%
3350 S US HIGHWAY 1	<i>Bev Smith Toyota</i>	56	0.5%	4.9%	0.04%	0.37%
2111 S US HIGHWAY 1	<i>Kmart</i>	56	0.5%	5.4%	0.04%	0.41%
Addresses with 40 - 49 (10)		441	3.8%	9.2%	0.41%	0.81%
Addresses with 30 - 39 (19)		652	5.6%	14.8%	0.77%	1.59%
Addresses with 20 - 29 (61)		1461	12.7%	27.5%	2.49%	4.07%
Addresses with 10 - 19 (210)		2815	24.4%	51.9%	8.56%	12.63%
Addresses with 1 - 9 (2144)		5555	48.1%	100%	87.37%	100.00%
Total Alarms		11543	100%		100.00%	

If you have any questions, please do not hesitate to contact me at 772-467-6840 or alee@fppd.org.