

LOS ANGELES FIRE DEPARTMENT



RALPH M. TERRAZAS
FIRE CHIEF

March 24, 2017

BOARD OF FIRE COMMISSIONERS
FILE NO. 17-046

TO: Board of Fire Commissioners

FROM: *RMT* Ralph M. Terrazas, Fire Chief

SUBJECT: FIRE PREVENTION INSPECTION ACTIVITY ALL FOUR
QUARTERS OF CALENDAR YEAR 2016

FINAL ACTION:	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Corrections	<input type="checkbox"/> Withdrawn
	<input type="checkbox"/> Denied	<input type="checkbox"/> Received & Filed	<input type="checkbox"/> Other

SUMMARY

The information in this report outlines the fire prevention activities of the calendar year 2016 for the Fire Prevention Bureau (FPB) Sections.

This report also shows our CUPA program inspection cycle for the first two quarters for their fiscal year inspection cycle. The report is showing all fire prevention activity for each FPB Section.

RECOMMENDATION

That the Board:
Receive and File.

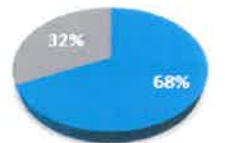
DISCUSSION

By utilizing a weekly and monthly FireStat process, we have transitioned into a data driven Bureau, capturing and tracking efficiency levels down to daily activity and success of our members. These actions have provided the FPB and Emergency Operations with the ability to plan, organize, and project fire prevention metrics on a weekly, monthly, quarterly, or annual basis.

CUPA SECTION

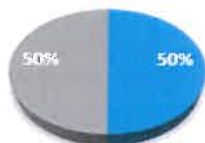
The CUPA Section is overseen by a civilian CUPA Manager and is responsible for ensuring compliance with the fire code during maintenance and enforcement inspections of Underground Storage Facilities, Hazardous Materials, Above Ground Storage Tanks, and Cal/ARP. The following data was collected from Envision Connect and reflects the status of the second quarter of fiscal year (FY) 2016-2017:

Hazardous Materials



■ Inspections Completed
■ Inspections Remaining

Above Ground Petroleum Storage



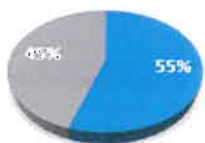
■ Inspections Completed
■ Inspections Remaining

California Accidental Release Program



■ Inspections Completed
■ Inspections Remaining

Underground Storage Tanks



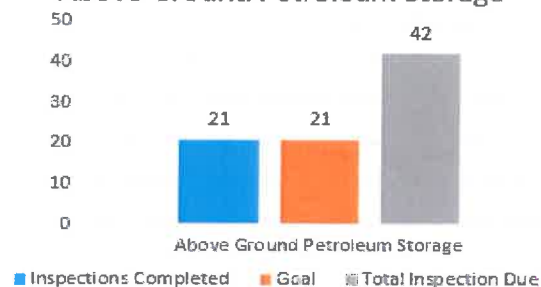
■ Inspections Completed
■ Inspections Remaining

Hazardous Materials



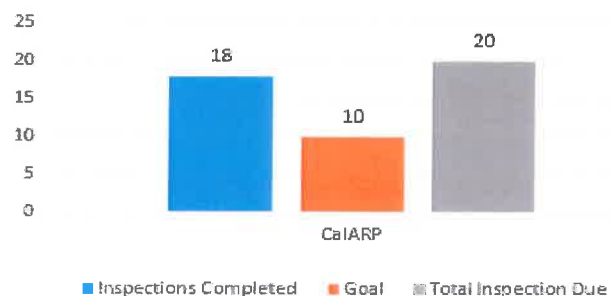
■ Inspections Completed ■ Goal ■ Total Inspection Due

Above Ground Petroleum Storage



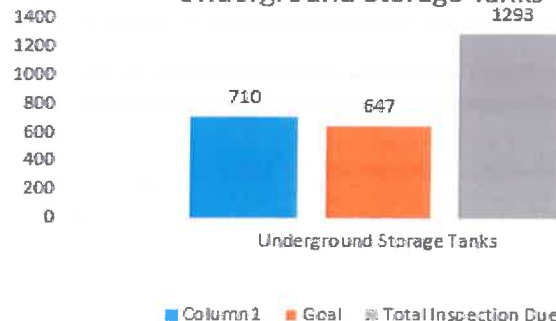
■ Inspections Completed ■ Goal ■ Total Inspection Due

California Accidental Release Program



■ Inspections Completed ■ Goal ■ Total Inspection Due

Underground Storage Tanks



■ Column1 ■ Goal ■ Total Inspection Due

CUPA SECTION WORK DAYS LOST

	Days of Productivity Lost				# of Inspectors Lost
	4th Quarter				
	IOD	NIOD	Total	% Lost	
CUPA Section	0.00	40.00	40.00	3.67%	0.80
UST 1-Year Cycle	0.00	40.00	40.00	3.67%	0.80
Haz Mat 3-Year Cycle					

The days of productivity lost reflects the reduction of productivity in days due to members being off IOD or NIOD.

INDUSTRIAL & COMMERCIAL SECTION

The Industrial & Commercial Section is overseen by a Battalion Chief and is responsible for ensuring compliance with the fire code during maintenance and enforcement inspections of all Industrial and Commercial occupancies, High-Rise Buildings, and Brush Inspections. Inspections completed data was collected from Fire Prevention Application (FPA) and reflects inspections completed for the calendar year 2016.

The days of productivity lost reflects the reduction of productivity in days due to member's being off IOD or NIOD:

	INSPECTIONS COMPLETED										Days of Productivity Lost				# of Inspections Lost	
	District	1 st Qtr Goal = 25%		2 nd Qtr Goal = 25%		3 rd Qtr Goal = 25%		4 th Qtr Goal = 25%		Overall Goal = 25%		4 th Quarter				
	Total	#	#	#	#	#	#	#	#	#	#	IOD	NIOD	Total	% Lost	
Industrial Commercial Section	9,319	2,859	31%	1,850	20%	1,727	19%	1,899	22%	8,335	89%	29	96	125	5.6%	2.5
45 Members																

Data Collected from FPA

	INSPECTIONS COMPLETED											
	District	1 st Qtr Goal = 25%		2 nd Qtr Goal = 25%		3 rd Qtr Goal = 25%		4 th Qtr Goal = 25%		Overall Goal = 100%		
	Total	#	#	#	#	#	#	#	#	#	#	
Central Industrial Section	2,479	560	23%	374	15%	619	25%	532	23%	2,085	84%	
7 Members												

Data Collected from FPA

INDUSTRIAL & COMMERCIAL SECTION

	INSPECTIONS COMPLETED										
	District	1 st Qtr Goal = 25%		2 nd Qtr Goal = 25%		3 rd Qtr Goal = 25%		4 th Qtr Goal = 25%		Overall Goal = 100%	
	Total	#	#	#	#	#	#	#	#	#	#
Harbor Industrial Section	1,969	655	29%	389	20%	330	17%	441	20%	1,815	92%
4 Members											

Data Collected from FPA

	INSPECTIONS COMPLETED										
	District	1 st Qtr Goal = 25%		2 nd Qtr Goal = 25%		3 rd Qtr Goal = 25%		4 th Qtr Goal = 25%		Overall Goal = 100%	
	Total	#	#	#	#	#	#	#	#	#	#
High-Rise Unit	701	148	21%	165	24%	191	27%	186	26%	690	98%
11 Members											

Data Collected from FPA

	INSPECTIONS COMPLETED										
	District	1 st Qtr Goal = 25%		2 nd Qtr Goal = 25%		3 rd Qtr Goal = 25%		4 th Qtr Goal = 25%		Overall Goal = 100%	
	Total	#	#	#	#	#	#	#	#	#	#
Valley Industrial Unit	2,252	873	39%	492	22%	400	18%	502	22%	2,267	101%
6 Members											

Data Collected from FPA

	INSPECTIONS COMPLETED										
	District	1 st Qtr Goal = 25%		2 nd Qtr Goal = 25%		3 rd Qtr Goal = 25%		4 th Qtr Goal = 25%		Overall Goal = 100%	
	Total	#	#	#	#	#	#	#	#	#	#
West Industrial Unit	1,918	623	32%	430	22%	187	10%	238	18%	1,478	77%
4 Members											

Data Collected from FPA

INDUSTRIAL & COMMERCIAL SECTION Early Warning Report for Overdue Inspections

The following data reflects the number of inspections overdue per Unit:

	Inspections			0-3 Months		3-6 Months		6-12 Months		> 1-Year		> 2-Years	
				90 Days		180 Days		365 Days		730 Days		1095 Days	
				10/1/2016 to 12/31/2016		9/30/2016 to 6/30/2016		6/30/2016 to 12/31/2015		12/31/15 to 12/31/14		12/31/14 to 12/31/12	
	Total	Overdue	%	Overdue	%	Overdue	%	Overdue	%	Overdue	%	Overdue	%
Industrial Commercial Section	8,642	207	2%	71	34%	27	13%	0	0%	0	0%	0	0%
Central Industrial Unit	2,386	76	3%	55	72%	21	28%	0	0%	0	0%	0	0%
Harbor Industrial Unit	1,961	10	1%	4	40%	6	60%	0	0%	0	0%	0	0%
High Rise Unit	703	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Valley Industrial Unit	2,262	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
West Industrial Unit	1,330	121	9%	12	10%	109	90%	0	0%	0	0%	0	0%

Data Collected from FPA

As of January 1, 2017, the Industrial and Commercial Section has 207 pending overdue inspections.

INDUSTRIAL & COMMERCIAL SECTION Re-Inspections

The following data was collected from Fire Prevention Application (FPA) and reflects the pending and completed re-inspections of calendar year 2016:

	Re-Inspections							
	Pending				Completed Goal = 100%			
	1st	2nd	3rd	4rd	1st	2nd	3rd	4th
Industrial Commercial Section	1,090	987	748	218	728	1,349	547	878
Central Industrial Unit 7 Members	362	269	146	16	87	766	139	238
Harbor Industrial Unit 4 Members	55	67	62	23	112	56	73	66
High Rise Unit 11 Members	147	176	149	44	210	189	156	178
Valley Industrial Unit 6 Members	446	427	345	96	207	308	158	335
West Industrial Unit 4 Members	80	48	46	39	112	30	21	61

Data Collected from FPA

As of January 1, 2017, the Industrial and Commercial Section has 218 pending re-inspections.

INDUSTRIAL & COMMERCIAL SECTION Brush Inspections

The following data was collected from the Brush Next Generation (Brush NG) program and reflects the stats of the calendar year 2016. These inspections are on a calendar year:

Brush Inspections										
Brush Clearance Unit	Brush Inspections Completed By Group					Overall # Completed	Overall % Completed	# of Re-Insp	# of OPT-Outs	Notice of Violation
	Brush Clearance Unit	Detailed Inspectors	Non-Detailed FPB	Former BTF Members	Fire Station Personnel					
TOTALS	14,787	35,971	34,912	11,925	359	133,194	95.6%	17,499	73,459	14,985

Data Collected from FPA

Opt-Outs are checked annually by a combination of Brush Clearance Unit Inspectors and the Brush Taskforce members. If an opt-out parcel fails the initial inspection, a follow-up re-inspections is scheduled and completed.

PUBLIC SAFETY SECTION

The Public Safety Section is overseen by a Battalion Chief and is responsible for ensuring compliance with the fire code during maintenance and enforcement inspections of all Public Assemblage Occupancies, Schools, Churches, Institutions, and Filming Inspections. Inspections completed data was collected from the FPA and reflects inspections completed of the calendar year 2016. These inspections are on a calendar year.

The days of productivity lost reflects the reduction of productivity in days due to member's being off IOD or NIOD:

	Inspections Completed										Days of Productivity Lost				# Of Inspectors Lost	
	District Total	1st Quarter Goal = 25%		2nd Quarter Goal = 25%		3rd Quarter Goal = 25%		4th Quarter Goal = 25%		Overall Goal = 100%		4th Qtr				
		#	%	#	%	#	%	#	%	#	%	IOD	NIOD	Total	% Lost	
Public Safety Section 37 Members	10,180	2,767	27%	1,620	16%	1,800	18%	378	14%	6,565	73%	69	105	174	6%	3.5
Film Unit 6 Members	481	59	12%	75	16%	5	1%	32	7%	171	36%	0	10	10	3%	0.2
Public Assemblage Unit 13 Members	2,297	585	25%	543	25%	563	25%	530	23%	2,220	96%	29	7	36	6%	0.7
Schools, Churches & Institutions Unit 13 Members	4,525	1,316	29%	412	9%	523	12%	1,036	23%	3,287	73%	40	84	124	20%	2.5
Valley Public Safety Unit 5 Members	2,879	807	28%	381	13%	709	25%	378	14%	2,485	86%	0	4	4	2%	0.1

Data Collected from FPA

PUBLIC SAFETY SECTION Early Warning Report for Overdue Inspections

The following data reflects the number of inspections overdue per Unit:

	Inspections			0-3 Months		3-6 Months		6-12 Months		> 1-Year		> 2-Years	
				90 Days		180 Days		365 Days		730 Days		1095 Days	
				10/1/2016 to 12/31/2016		9/30/2016 to 6/30/2016		6/30/2016 to 12/31/2015		12/31/15 to 12/31/14		12/31/14 to 12/31/12	
	Total	Overdue	%	Overdue	%	Overdue	%	Overdue	%	Overdue	%	Overdue	%
Public Safety Section	10,066	741	7%	92	1%	649	6%	0	0%	0	0%	0	0%
Film Unit	483	56	12%	0	0%	56	12%	0	0%	0	0%	0	0%
Schools, Churches & Institutions Unit	4,498	494	11%	65	1%	430	10%	0	0%	0	0%	0	0%
Public Assemblage Unit	2296	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Valley Public Safety	2,789	190	7%	27	1%	163	6%	0	0%	0	0%	0	0%

Data Collected from FPA

As of January 1, 2017, the Public Safety Section has 741 pending overdue inspections.

Re-Inspections

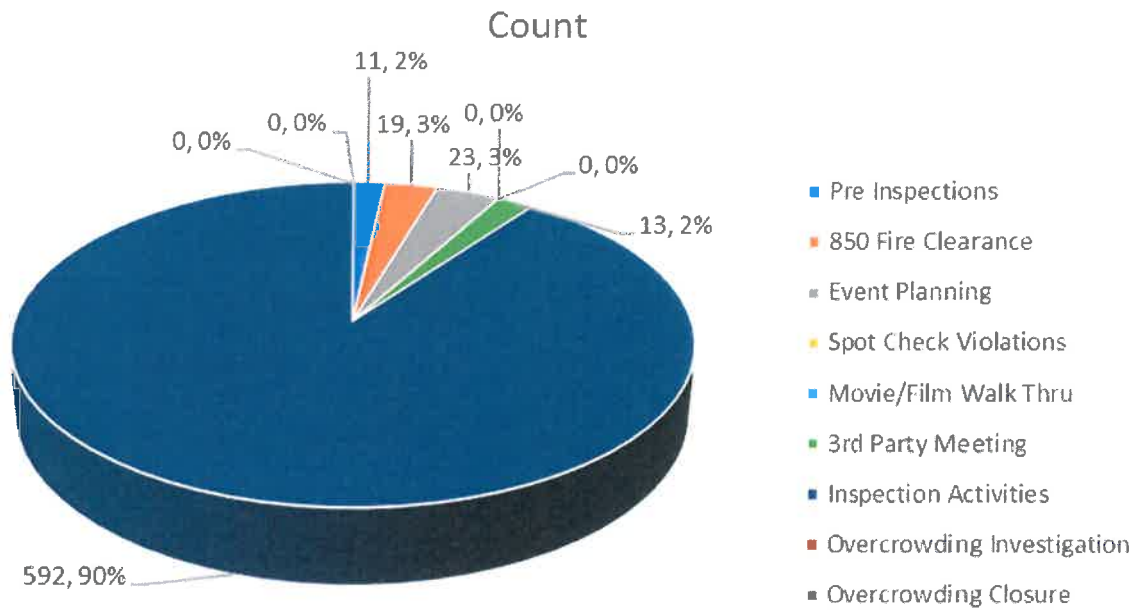
The following data was collected from the Fire Prevention Application (FPA) and reflects the pending and completed re-inspections of calendar year 2016:

	Re-Inspections							
	Pending				Completed Goal = 100%			
	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Public Safety Section	944	976	697	308	499	434	575	572
Film Unit	55	8	7	0	0	0	0	0
Schools, Churches & Institutions Unit	452	430	307	222	135	69	197	193
Public Assemblage Unit	156	217	158	45	114	170	127	194
Valley Public Safety Unit	281	321	225	41	250	195	251	185

Data Collected from FPA

As of January 1, 2017 the Public Safety Section has 308 pending re-inspections.

PUBLIC SAFETY SECTION Time Activity Entries 4th Quarter



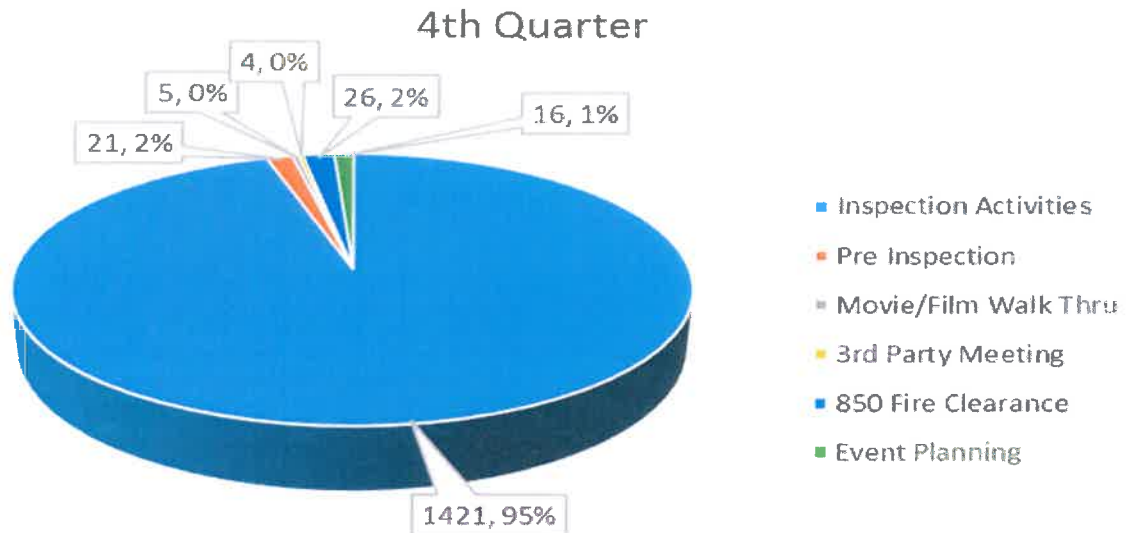
Film Unit - Time Activity Entries																				
Film Unit	Inspection Activities					Spot Check Violations					Movie/Film Walk Thru					3rd Party Meeting				
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total
	165	138	30	54	387	13	14	6	0	33	19	10	12	10	51	15	0	6	3	24
Hours	241.50	125.15	38.00	34.36	439.01	26.50	30.00	9.50	0.00	66.00	21.50	11.50	13.50	11.00	57.50	43.00	0.00	7.00	6.00	56.00

4th Quarter



PUBLIC SAFETY SECTION

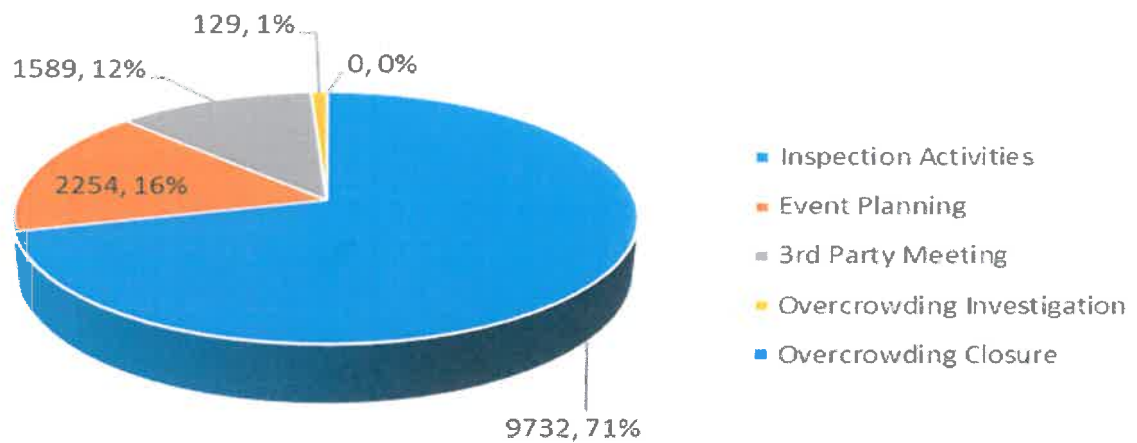
Schools, Churches & Institutions Unit - Time Activity Entries															
Schools Churches & Institutions Unit	Inspection Activities					Pre Inspection					Movie/Film Walk Thru				
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total
Unit	1208	1711	771	1421	5111	55	74	7	21	157	32	51	8	5	96
Hours	1366.64	2228.19	806.29	1347.80	5748.9	51.00	70.00	7.00	20.75	148.75	12.50	26.25	6.00	8.00	52.75
Hours	3rd Party Meeting					850 Fire Clearance					Event Planning				
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total
	39	58	20	4	121	43	74	28	26	171	20	53	22	16	111
	59.50	100.00	5.25	12.00	176.75	58.75	112.83	25.25	14.00	210.83	32.50	83.50	31.00	21.00	168



PUBLIC SAFETY SECTION

Public Assemblage Unit - Time Activity Entries																									
Public Assemblage Unit	Inspection Activities					Event Planning					3rd Party Meeting					Overcrowding									
																Investigation Response					Closure				
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total
	1790	3670	2341	1931	9732	337	746	634	537	2254	297	618	377	297	1589	27	59	29	14	129	0	0	0	0	0
Hours	1829	3947	2687	2093	10557	357.1	938	822.3	654.1	2772	432.5	432.5	550	421.3	1836	0	0	0	0	0	NA	NA	NA	NA	NA

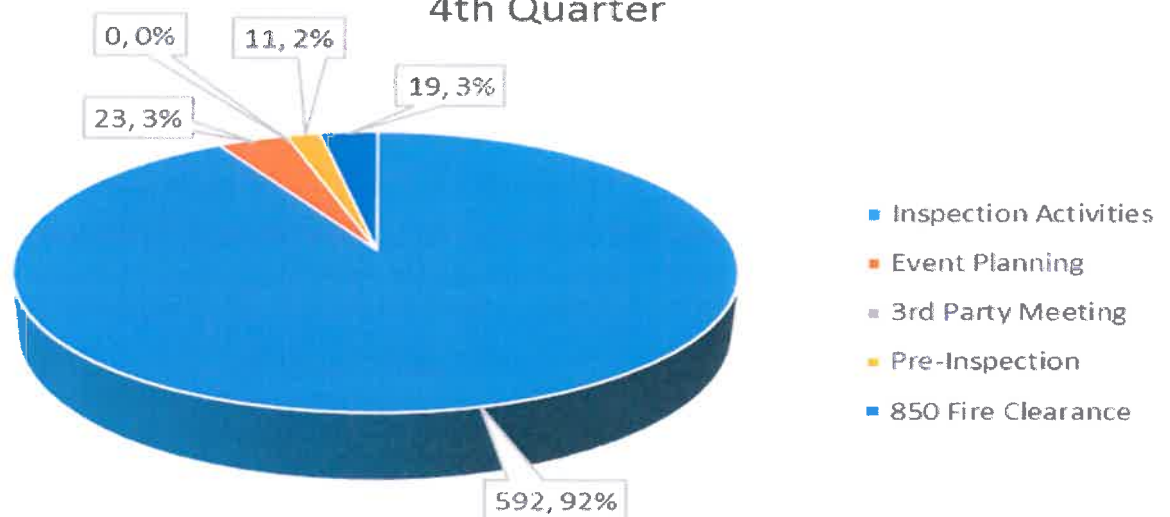
4th Quarter



Valley Public Safety Unit - Time Activity Entries

Valley	Inspection Activities					Event Planning					3rd Party Meeting					Pre-Inspection					850 Fire Clearance				
Public	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total	1st	2nd	3rd	4th	Total
Safety	Qtr	Qtr	Qtr	Qtr		Qtr	Qtr	Qtr	Qtr		Qtr	Qtr	Qtr	Qtr		Qtr	Qtr	Qtr	Qtr		Qtr	Qtr	Qtr	Qtr	
Unit	1088	2001	1065	592	4746	17	61	46	23	147	13	39	38	0	90	17	61	46	11	135	21	52	44	19	136
Hours	945.00	1802.00	1022.00	554.01	4323	19.00	81.00	55.00	32.25	187.25	17.00	61.50	58.00	0.00	136.5	19.25	81.25	54.50	20.50	175.5	16.25	51.50	37.50	20.50	125.75

4th Quarter



FIRE DEVELOPMENT SERVICES SECTION

Fire Development Services Section is overseen by a civilian Senior Fire Protection Engineer and is responsible for ensuring compliance with the fire code during plan reviews, new constructions inspections, and tenant improvement inspections.

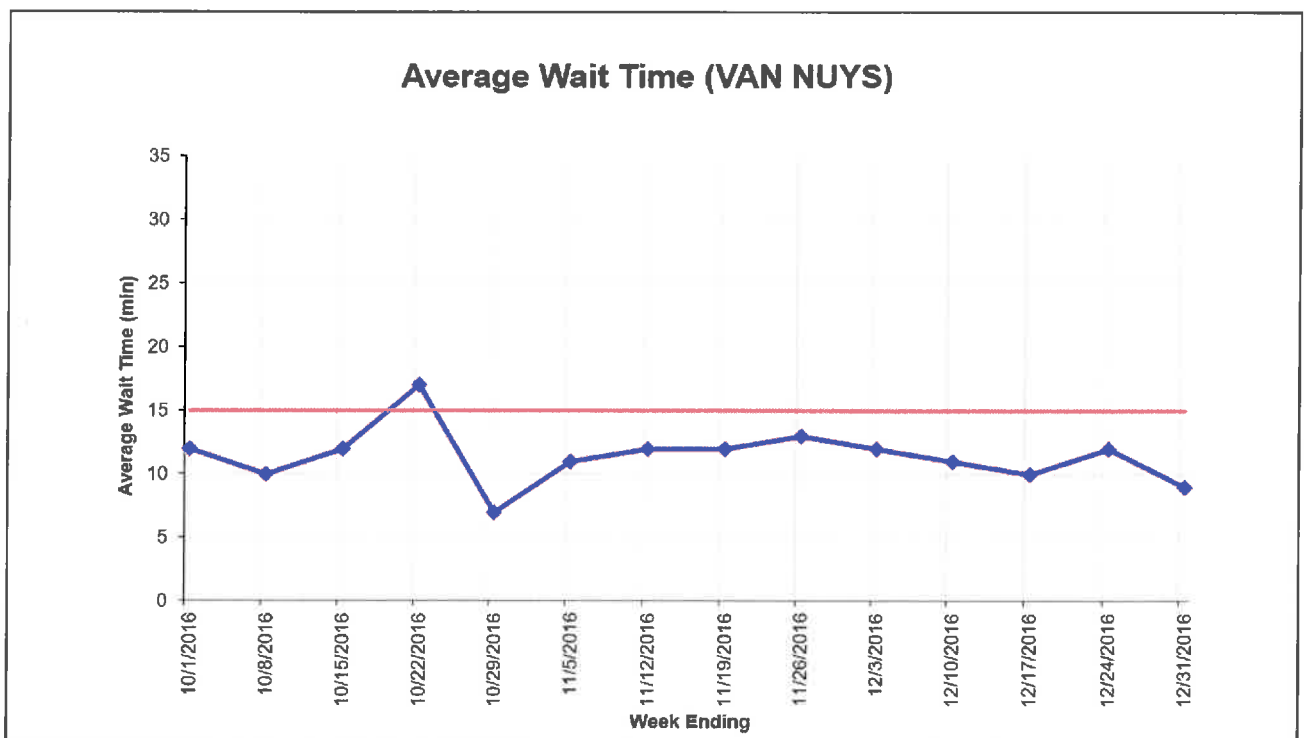
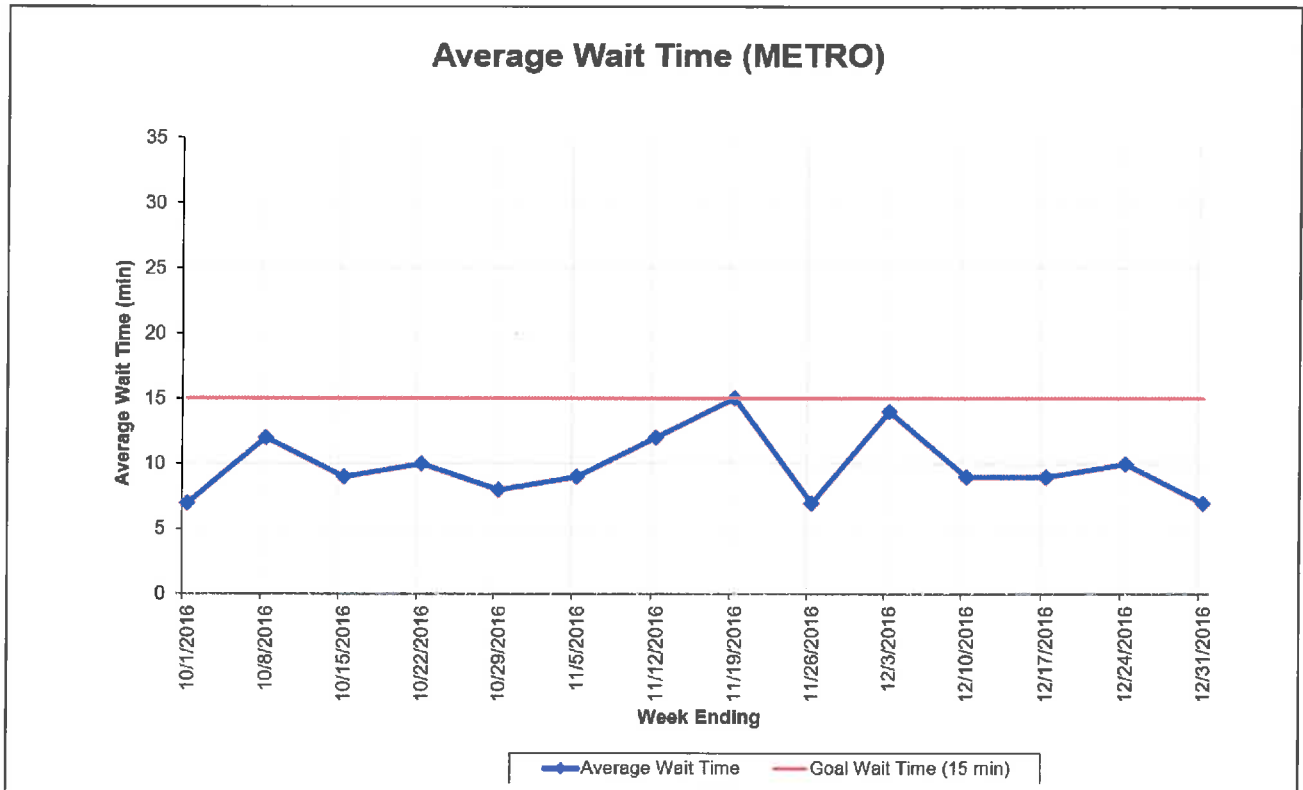
The following data was collected from Q-Matic and reflects the status of the counter wait time and the number of customers served from the calendar year 2016:

Fire Development Services Section	Areas Served	Counter Wait Time				Back Room Turn-Around Time (Calendar Days)		
		% Seen Within 30 Minutes	% Seen Within 60 Minutes	Average Wait Time (Minutes)	Total Counter Transactions			
Plan Reviews	Metro	95%	99%	10	3,396	Regular Days Expedited Days		
	Van Nuys	92%	99%	11	1,340			
	West LA	97%	99%	8	414			
					5,150			
Hydrants & Access		# of Plan						
		885						
Field Inspections		# Inspections Requested	Percentage Cancelled		# of Overtime Requested	Preferred Date	Next Working Day	Within 48 Hours
			Inspector	Customer				
	Total:	2,483	7.2%	19.9%	792	61.8%	74.0%	83.3%
	Central:	863	8.1%	20.3%	272	67.3%	77.0%	86.4%
	South:	504	7.7%	18.8%	177	55.0%	68.1%	80.9%
	Valley:	417	5.0%	16.8%	56	64.1%	86.5%	95.7%
	West:	699	7.2%	22.2%	287	58.3%	66.6%	73.1%
Back Room Turn-Around goal within 6 weeks Average goal for customers to be seen within 30-minutes is 95% and within 60-minutes is 99%. Metro Has been adjusted to 85% based on staffing. Average wait time goal is 15-minutes. Field inspections goal is to be seen within 48-hours. This will put LAFD in alignment with LADBS. Schedule/Preferred indicates percentage of inspections scheduled on the customer preferred date or the next working day.								

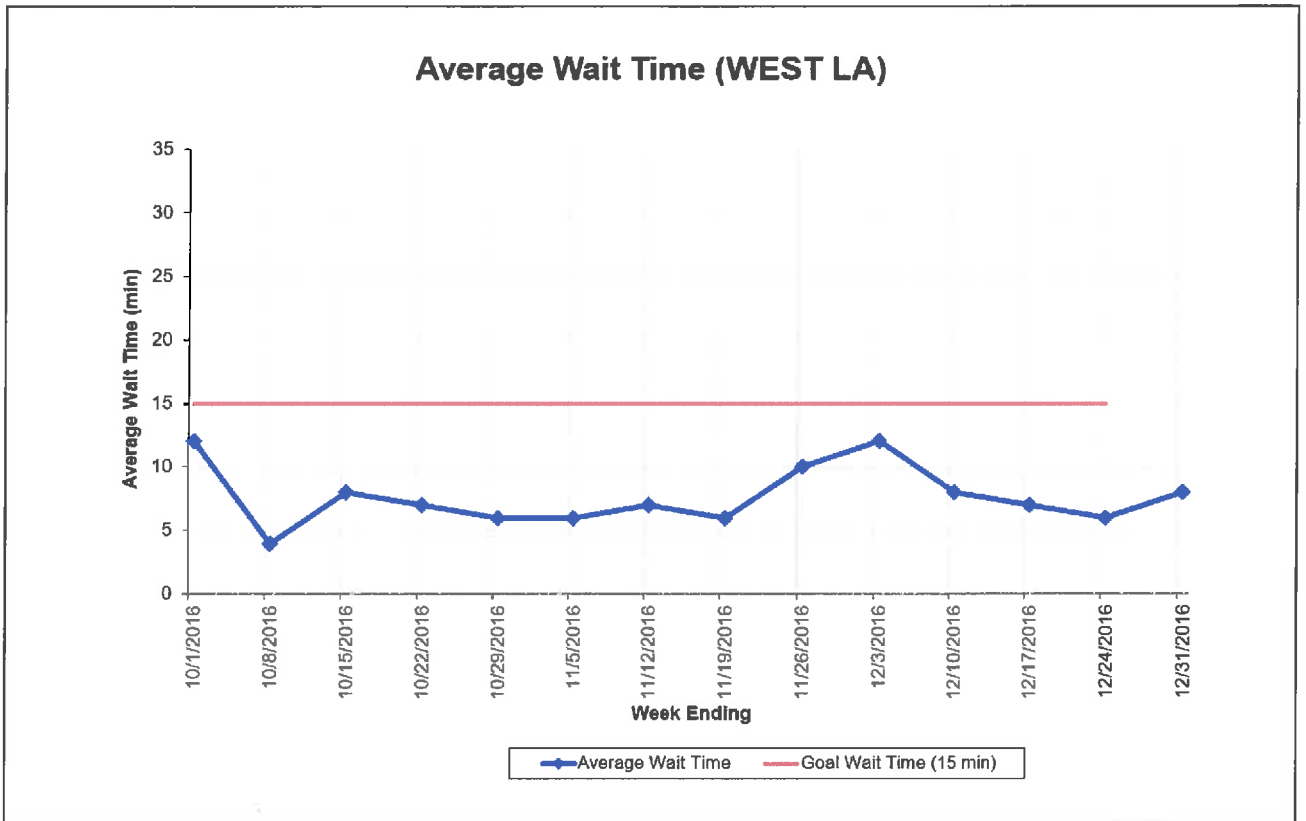
Data collected from Q-Matic

FIRE DEVELOPMENT SERVICES SECTION

The following data was collected from Q-Matic and reflects the counter wait time at the three customer service area offices.



FIRE DEVELOPMENT SERVICES SECTION



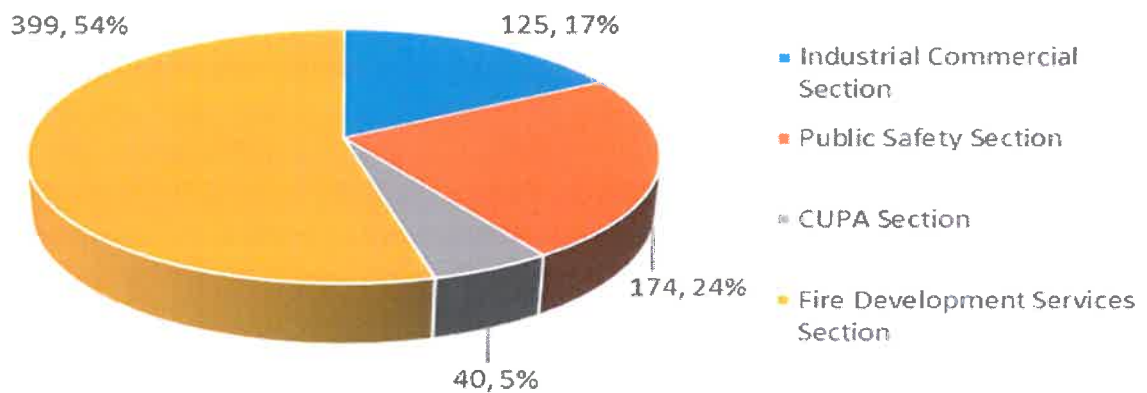
FIRE PREVENTION AND PUBLIC SAFETY BUREAU Days of Productivity Lost Summary

The days of productivity lost reflects the reduction of productivity in days due to member's being off IOD or NIOD:

	Days of Productivity Lost				# of Inspectors Lost
	4th Quarter				
	IOD	NIOD	Total	% Lost	
Fire Prevention and Public Safety Bureau	494	244	738	12%	14.8
Industrial Commerical Section 45 Members	29	96	125	6%	2.5
Public Safety Section 37 Members	69	105	174	10%	3.5
CUPA Section 19 Members	0	40	40	4%	0.8
Fire Development Services Section 26 Members	396	3	399	30%	8.0

Data Collected with FPA

Days of Productivity Lost



CONCLUSION

Through the efforts of the FPB personnel and the Department's overall commitment to fire/life safety, we have aggressively moved the fire prevention inspections as a priority Department-wide. Our focused approach and accountability measures both within Emergency Operations and the FPB, are providing results. As we seek opportunities to improve efficiency and enhance service levels we continue to rely on the commitment of all involved.

Board report prepared by Kristin Crowley, Acting Deputy Chief, Fire Prevention and Public Safety Bureau.