Fire Services in Lake County Survey

Fire Department: LAKE COUNTY FIRE RESCUE 1-19-2011

Demographics

What is your jurisdiction's population?	207,609*
What source did you use to determine the population?	Metro Orlando EDC
What is your coverage area in square miles?	1,022*
How many stations does your jurisdiction have?	23
What is your ISO rating?	2005 PPC Rating Split Class 6/9
Comments: *includes municipalities of Astatula, Lady Lake and Howey-in-the-Hills	

Personnel

What is the total number of personnel in your department? *(Including administrative, fire prevention personnel, etc.)*	203
How many hours per year do your shift personnel work?	2,912
What is your minimum staffing for shift personnel per shift?	62
How many of your personnel are paid paramedics?	48

Breakdown of total personnel by rank. Describe what each rank does.

Rank	Total Number	Brief Description
		SEE ATTACHED "LAKE COUNTY FIRE RESCUE PERSONNEL --
		TOTAL NUMBERS/POSITION DESCRIPTIONS"
		JANUARY 2011

Comments:

Call for Service Data - Please provide the following information for the calendar year 2010

LCFR

Total Number of Medical Calls	11,551
Total Number of Non-Medical Calls	4,737
Average Response Time	Average = 7:21 90 percentile = 6:28 80 Percentile = 5:57
List the services your department offers: *Examples include- ALS services, trench rescue, dive team, hazmat, high angle, vehicle extrication, etc.*	Fire Suppression, EMS [BLS/ALS], Vehicle Extrication, Hazardous Materials, Trench, Surface-Water Rescue, High Angle, Confined Space, Collapse, and other Light-Tech Rescue Missions; Public Relations/Education, Junior Firesetters Program, Fire Loss/Life Safety Inspections, Blood Pressure Checks, Speakers Bureau.

List the major risks in your jurisdictions. *If an event occurred, it would considerably tax your resources, or would be considered a major hazard -- *As detailed in the Comprehensive Emergency Management Plan (CEMP)*

Special Events	Medical Facilities	Government/Industrial
*ENVIRONMENTAL:	All major hospitals	County Services Building
-Severe Weather (tornadoes,	Assisted living facilities	Judicial Center and County Jail
thunderstorms, winter	Skilled nursing facilities	Public Libraries
storms, flooding...)		Public Schools/College Campuses
-Tropical Cyclone Events		Airport/Aviation Events [Downed Craft]
-Brush fires, wildfires, forest		Major Transportation Incidents [Air, water, land]
fires		Major Highway/Turnpike Contra-Flow Order
-Extreme temperatures		Large Production Plants and/or Processes
-Sinkholes		Major Fuel Depots/Pipelines
Mass-Gathering Events [i.e. Bikefest, Mt Dora Arts Festival, Mt Dora Crafts Festival, Green Fair, etc.]		
Political Town Hall Meetings, Rallies		
OTHER:		
Water and Utility System Disruptions		
Multi-Family Complexes without sprinklers		
Big Box Store		
Large Abandoned Properties [Disrepair]		
Mass-Casualty Incidents [50+]		

Operations

List total number of Apparatus and Vehicles (Staffed, not staffed, or reserve?)		
Type of Apparatus/Vehicle	Total Number	Staffed, Not Staffed or Reserve
SEE ATTACHED "LCFR APPARATUS		
AND STAFFING RESOURCE LIST (12-02-10)"		
Comments:		

List Interagency Agreements	
Type of Agreement	With which Agency
SEE ATTACHED "LCFR INTERLOCAL AND	
MUTUAL AID AGREEMENTS" updated 12-02-2010	
Comments:	

Budget - Please provide the following information for the Budget Year 2010/2011

What is the total Fire/Rescue Budget? Current Operating:	$3,570,798
What percentage of the total jurisdiction **General Fund** budget is Fire/Rescue?	0%
What is budgeted for training? *Include fire training courses, college classes , EMS contracted courses, etc.*	$107,200
What are the average total hours of training per person per year? *Include in-house training hours as well.*	375 Hours (2010 data)
How is your budget funded? *Tax ad valorem, Fire Assessment, LSEMS etc.*	All three
What avenues do you use when purchasing equipment, uniforms, apparatus or any other major purchases? Inter-government joint or piggyback bids, RFPs, etc. Use of State contract vendors and value-engineering (facilities).	
In the next five years, how many stations, additional personnel and apparatus is being planned? One fire station replacement; one fire station addition; six additional personnel.	

Comment on how the fire service in Lake County can be more cost effective and provide quality service.

Countywide Automatic Mutual Aid/First Response Agreement with all Fire/EMS agencies participating as collaborative partners to ensure that the closest first-due unit responds to the emergency without delay.

County-to-County Automatic Joint Response Agreements allowing first-due units to cross county borders without delay allowing closest unit to arrive at emergency scene. Both counties would respond.

Reassessment of all fire stations within Lake County. Consider five mile or less response areas. Urban area assessed to consider relocation of resources by reducing fire stations in urban and expanding in suburban.

LAKE COUNTY FIRE RESCUE PERSONNEL
TOTAL NUMBERS/POSITION DESCRIPTIONS

RANK	TOTAL NUMBER	BRIEF DESCRIPTION
DIRECTOR / FIRE CHIEF	1	Plans, coordinates and directs the programs and operations of the Department of Public Safety and its divisions, including Fire Rescue, Emergency Management, and Communication Services/E-911. Responsible for supervising division directors, overseeing budget administration, preparing for and responding to disasters or emergencies which may occur within the boundaries of Lake County, reports on department activities to County administrators and the Board of County Commissioners, and performing related professional and administrative work as required
ASSISTANT CHIEF	2	Responsible for the daily activities of the Fire Rescue Division and assisting the Fire Chief in day-to-day administrative and/or operational matters. Duties include budgeting, purchasing, short term planning and goal setting, strategic planning, personnel issues, coordinating vehicles, building maintenance, fire code issues, responding to major fire or hazardous material incidents as a command officer, and special projects as assigned by the Fire Chief.
BATTALION CHIEFS	6	Plans, organizes, directs, and controls the operations and activities of an assigned battalion area, including multiple fire stations. Responsible for directing fire rescue crews at all incidents, including but not limited to: fires, hazardous material incidents, emergency medical response and rescue operations; supervising special operations and other routine assignments of an non-emergency nature; ensuring the accurate and complete documentation of all assigned activities, and performing related administrative, supervisory and technical work as required. effectively collaborates with other command staff, and provides timely reports through periodic meetings, briefings, operational critiques, or written reports.
CAPTAIN	1	Development, implementation, and supervision of ongoing projects/procedures. Directs and coordinates administrative activities with direct responsibility for various division projects. Responds to emergency fire/medical service requests and provides technical or administrative support to field personnel.
LIEUTENANT/ INSPECTOR	1	The essential function of the position is to plan and conduct a comprehensive fire inspection program for Lake County. Responsible for reviewing building and site plans and subdivision plats for compliance with fire codes, inspecting new and existing buildings and assisting clients in attaining code compliance, providing professional customer service, and preparing required records and reports. Performs fire suppression, rescue and medical response on fire scenes, vehicle accidents, medical emergencies, and other emergency and non-emergency functions in a decision-making capacity as an immediate supervisor;

LIEUTENANT/EMS	1	Performs fire suppression, rescue and medical response on scenes, and other emergency and non-emergency functions in a decision-making capacity as an immediate supervisor; provides and/or oversees basic, intermediate and/or advanced life support [ALS] treatment to patients; develops and deploys strategy and tactics during initial emergency operational incidents; supervises and coordinates activities of assigned firefighters and assigned station company units; responsible and accountable for pre-fire plans and business life safety surveys within assigned area; ensures safe working environment and readiness status of apparatus and equipment assigned; trains, instructs, monitors, and evaluates assigned employees, including the recommendation for commendations and/or disciplinary actions; perform special assignments and/or tasks through rotation or voluntary assignment.
LIEUTENANT/EDUCATION AND TRAINING	2	Performs fire suppression, rescue and medical response on scenes, and other emergency and non-emergency functions in a decision-making capacity as an immediate supervisor; provides and/or oversees basic, intermediate and/or advanced life support [ALS] treatment to patients; develops and deploys strategy and tactics during initial emergency operational incidents; supervises and coordinates activities of assigned firefighters and assigned station company units; responsible and accountable for pre-fire plans and business life safety surveys within assigned area; ensures safe working environment and readiness status of apparatus and equipment assigned; trains, instructs, monitors, and evaluates assigned employees, including the recommendation for commendations and/or disciplinary actions; perform special assignments and/or tasks through rotation or voluntary assignment.
LIEUTENANTS	33	Performs fire suppression, rescue and medical response on scenes, and other emergency and non-emergency functions in a decision-making capacity as an immediate supervisor; provides and/or oversees basic, intermediate and/or advanced life support [ALS] treatment to patients; develops and deploys strategy and tactics during initial emergency operational incidents; supervises and coordinates activities of assigned firefighters and assigned station company units; responsible and accountable for pre-fire plans and business life safety surveys within assigned area; ensures safe working environment and readiness status of apparatus and equipment assigned; trains, instructs, monitors, and evaluates assigned employees, including the recommendation for commendations and/or disciplinary actions; perform special assignments and/or tasks through rotation or voluntary assignment.

FIREFIGHTERS	**147**	Performs fire suppression and rescue on scenes; provides basic, intermediate and/or advanced life support [ALS] treatment to patients within the scope and level of medical expertise and qualifications. Drives and/or operates emergency vehicles and various specialized equipment; performs maintenance tasks on various equipment, vehicles, fire station facilities, and station grounds; maintains clean and ready-state fire station, vehicle and equipment; carries out fire prevention, public educational program initiatives, and other customer service opportunities; plans and executes pre-fire plans and business occupancy life-safety surveys; performs various positions and/or mission tasks within an established incident command system and/or the emergency operation center; maintains certifications, attends, and participates in training sessions, classes, or other professional development.
FIREFIGHTER/MECHANIC	**1**	Diagnoses and performs mechanical repair work on diesel and gasoline-powered vehicles, trucks, heavy and light equipment and systems. Repairs emergency vehicles; installs and maintains specialized equipment on emergency vehicles as necessary; performs welding and fabrication work, body work and painting as needed; Performs a variety of preventive maintenance; provides emergency field assistance to disabled vehicles; orders and picks up parts from vendors as necessary; assists in maintaining inventory of necessary parts and supplies; reviews work orders to ensure repairs are completed correctly and in a timely manner; maintains records of work completed and parts used; maintains assigned tools and equipment; assists in maintaining a clean and orderly shop; performs fire suppression and rescue on scenes.
SENIOR MECHANIC	**1**	Diagnoses and performs mechanical repair work on diesel and gasoline-powered vehicles, trucks, heavy and light equipment and systems. Repairs emergency vehicles; installs and maintains specialized equipment on emergency vehicles as necessary; performs welding and fabrication work, body work and painting as needed; Performs a variety of preventive maintenance; provides emergency field assistance to disabled vehicles; orders and picks up parts from vendors as necessary; assists in maintaining inventory of necessary parts and supplies; reviews work orders to ensure repairs are completed correctly and in a timely manner; maintains records of work completed and parts used; maintains assigned tools and equipment; assists in maintaining a clean and orderly shop;

MECHANIC	1	Diagnoses and performs mechanical repair work on diesel and gasoline-powered vehicles, trucks, heavy and light equipment and systems. Repairs emergency vehicles; installs and maintains specialized equipment on emergency vehicles as necessary; performs welding and fabrication work, body work and painting as needed; Performs a variety of preventive maintenance; provides emergency field assistance to disabled vehicles; orders and picks up parts from vendors as necessary; assists in maintaining inventory of necessary parts and supplies; reviews work orders to ensure repairs are completed correctly and in a timely manner; maintains records of work completed and parts used; maintains assigned tools and equipment; assists in maintaining a clean and orderly shop;
PROFESSIONAL STANDARDS - PART TIME	1	Evaluates existing policies, procedures, and standards of quality and safety governing Public Safety Department operations and activities; makes recommendations for modifications as appropriate; conducts research and special studies to determine "best practices" for the department; gathers, analyzes and presents data and supportive materials; prepares graphs, charts, GIS maps, and other special graphics to illustrate research conclusions, and prepares both written and verbal reports for the Director and/or senior staff; gathers, analyzes and presents specific data and supportive materials as necessary to satisfy industry-related surveys, questionnaires or research projects; schedules, attends and participates in meetings with senior-level department staff and other County staff to collaborate in the development of program ideas, policies and procedures, and operational processes; carries out special projects and serves on various task forces and committees as a representative of the Director and/or department. creates and publishes step-by-step procedures for the use and maintenance of various apparatus and equipment; receives and responds to inquiries, complaints and requests for assistance regarding areas of responsibility; performs general administrative work as required, attending and conducting meetings, reviewing mail and literature; attends training, conferences, seminars and meetings to remain knowledgeable of trends, technologies and legislation affecting public safety operations and administration.
OFFICE MANAGER	1	Performs a variety of routine to complex administrative, secretarial, financial and/or technical work to ensure efficient and effective office operations. The position is responsible for coordinating and supervising subordinate clerical staff, performing general bookkeeping and financial reporting duties, coordinating processes and procedures between staff, customers and other departments as necessary, providing administrative support to assigned supervisor(s), and performing related duties as assigned.

ACCOUNTING TECH /FLEET MAINTENANCE	1	Oversee the total receivables reporting. Approve refund of assessment payments; assist with budget preparation. track expenditures and revenues of cost centers. Process financial transactions, purchases, and invoices. Prepare daily and monthly balance reports. Prepare budget change requests, bids, quotes, requisitions, and purchase order requests. Develop spreadsheets and databases for tracking truck maintenance; order parts and supplies; ; maintains records of work completed and parts used; maintain list of where vechicles are located and vehicle property numbers..
OFFICE ASSOCIATES - SUPPORT STAFF	2	Performs responsible and complex administrative, secretarial and clerical work in support of effective and efficient office operations. Responsible for coordinating Firehouse, personnel issues, Telestaff, records management, station supplies, insurance information requests, along with other citizien information requests, general clerical functions for the department, providing support staff training and leadership as assigned, providing administrative assistance to supervisor or assigned staff, providing professional and courteous customer service at all times
DATA TECHNICIAN - SUPPORT STAFF	1	Perform technical and analytical work in maintenance and application of GIS data for Public Safety. Responsible for creating maps with analytical answers in daily department operational questions; collecting and creating GIS data pertaining to hydrant, fire station information; troubleshooting technical problems, providing professional customer service at all times, and performing related work as assigned. Responsible for submitting payroll to finance and maintaining Telestaff records.
TOTAL PERSONNEL	203	

Lake County Fire Rescue
Apparatus and Staffing Resource List [12-02-10]

Class A Fire Engines (ALS)(11)	Class A Fire Engines (BLS) (6)	95 Ft Elevating Platform (1)	6000 gallon tanker	2500 gallon pumper/tanker (2)	3000 gallon pumper/tanker (9)
11 with minimum staffing of 2	1 with minimum staffing of 3	1 with minimum staffing of 2	Non Staffed/No Pump	2 staffed with minimal of 2	2 staffed with minimal of 2
1250 gpm waterous pump	3 with minimum staffing of 2	1500 gpm waterous pump		1250 gpm waterous pump	2 of 9 are staffed permanantly
Hydraulic Extrication Equipment	1250 gpm waterous pump	Hydraulic Extrication Equipment		Tanker 10 has Hydraulic Extrication Equipment	1000 gpm waterous pump
Thermal Imaging Camera	Hydraulic Extrication Equipment	Thermal Imaging Camera		Medical Equipment	3500 gallon collapse-a-tank
Medical Equipment	Thermal Imaging Camera	Medical Equipment		Standard Cross-lay preconnects	Medical Equipment
1100 feet of 5" LDH	Medical Equipment	1000 feet of 5" LDH		3500 gallon collapse-a-tank	Standard Cross-lay preconnects
Standard Cross-lay preconnects	1000 feet of 5" LDH	Standard Cross-lay preconnects			
750 gallons of water	Standard Cross-lay preconnects	300 gallons of water			
Kodiac Strut Stablization System (E14, E21, E84, and E 53)	750 gallons of water	AED			
	AED	24 inch electric fans			
		(Supplemented with 2 from Engine 112)			

Lake County Fire Rescue
Apparatus and Staffing Resource List [12-02-10]

3500 gallon pumper/tanker (1)	1500 gallon pumper/tanker (2)	Brush Truck (17)	Woods Truck (2)	Squads (2) (ALS)	Squads (1) (BLS)
1 non staffed @ non-staffed station	Non staffed @ staffed stations	15 non staffed @ staffed stations	2 non staffed @ staffed stations	Minimally staffed with 3	Minimally staffed with 3
1000 gpm waterous pump	500 gpm waterous pump	250 GPM Waterous Pumps	250 GPM Waterous Pump	2 Squads equipped with CAFS	2 Squads equipped with CAFS
3500 gallon collapse-a-tank	3500 gallon collapse-a-tank	300 gallons	500 gallons of water	6 4 gas Mulit Rae monitors (2 on each squad)	6 4 gas Mulit Rae monitors (2 on each squad)
Medical Equipment	Medical Equipment		10 gallon Class-A Foam System	HazMat-ID System (S76 Only)	HazMat-ID System (S76 Only)
Standard Cross-lay preconnects	Standard Cross-lay preconnects			1500 GPM Waterous Pum	1500 GPM Waterous Pum
				13 On-Duty HazMat Technicans	13 On-Duty HazMat Technicans
				Hydraulic Tools (Large TNT)	Hydraulic Tools (Large TNT)
				2 Squads equipped with 6000 watt light towers	2 Squads equipped with 6000 watt light towers
				1100 feet of 5" LDH	1100 feet of 5" LDH
				Standard Cross-lays	Standard Cross-lays
				500 gallon water tank	500 gallon water tank
				Airzona Vortex (S72 Only)	Airzona Vortex (S72 Only)
				Confined Space Comm System (S72 Only)	Confined Space Comm System (S72 Only)
				Thermal Imaging Camera	Thermal Imaging Camera
				Kodiac Strut Stablization System	Kodiac Strut Stablization System
				TNT Air Bag Systems (Low lift-High Pressure)	TNT Air Bag Systems (Low lift-High Pressure)
				LP Burn of kit	LP Burn of kit
				Ludlum Radiation Monitor	Ludlum Radiation Monitor
				K12 Rescue Saw	K12 Rescue Saw
				Echo Quick Vent Saw	Echo Quick Vent Saw
				Gas Line Squeeze Clamps up to 4" (S76 and S109)	Gas Line Squeeze Clamps up to 4" (S76 and S109)
				PID-FID (Squad 76 only)	PID-FID (Squad 76 only)

Lake County Fire Rescue
Apparatus and Staffing Resource List [12-02-10]

Haz Mat Trailer	Utility 76 (Pump Off Vehicle) (1)	Trench Trailer (1)	MCI Trailer (1)	Decon Trailer (1)	Reserve Fleet (5)	ATV
10 KW Diesel Generator	Large Weldon Pump (For Semi Trailers)	Station 109	50/50 Setup	Mass Casualty Decon	Class A Pumper	2-Non staffed
Mulitiple Level A HazMat Suits	Aircraft Aluminum Stingers for Hot Taps	Ground Pads	100 LSB	2 3-station decon tents	Hydraulic Extrication Equipment	4-wheel Drive
220V Plasma Cutter	Suction Hoses	Verticle and Horizontal Bracing	2 AEDs	2 patient roller systems	Medical Equipment	
Petrogen Torch Set	Grounding systems	Half Pipe Victim Protection	10 KW Generator	Recovery pans with pumps	1000 feet of 5" LDH	
8 Bottle Breathing Air Cascade System	Small Weldon Pump		2 People Movers	60 post decon patient suits	Standard Cross-lay preconnects	
Chlorine Caufin for A-Cylinders	20 Pails of Fireaide Foam		Mass Trauma Cache		750 gallons of water	
A, B, and C Chlorine Kits	2 Large overpack drums				1250 gpm waterous pump	
Mongose Search Camera	Air Drills and hole saw bits					
Paratech Air Struts						
4-Door Prime Mover						
Hot Shower System for Decon						
Leak plug kit						

Lake County Fire Rescue
Apparatus and Staffing Resource List [12-02-10]

Battalion Chief (2)	Training Officer (3)	Total Special Risk Personnel (179)
2-24 hour positions x 3 shifts	(3) 40 hour	1-Fire Chief
12 spare air bottles	1 On Call Safety Officer 24 hrs	1-Deputy Fire Chief
Command Board	(3 each) F-250 4-wheel drive	2-Assistant Chiefs
(2 each) F-250 4-wheel drive		6-Battalion Chiefs
		1-Captain (40hr duty)
		36-Lieutenants (24hr shift)
		3-Lieutenants (40hr duty)
		1-Fire Inspector
		39-Paramedics
		105-Firefighters

Lake County Fire Rescue
Interlocal and Mutual Aid
Agreements

CITY/COUNTY	INTERLOCAL	Mutual and Automatic Aid	COMMENTS
City of Clermont		11/15/2005	Updated Automatic Aid Agreement November 2005 and remains unsigned by the City of Clermont.
Division of Forestry		2009	Statewide Mutual Aid
City of Eustis	2001	1987	Mutual Aid Agreement
Fruitland Park		2000	Mutual Aid Agreement
City of Groveland		2008	Mutual Aid Agreement
City of Mascotte		2008	Mutual Aid Agreement
The Villages	2001		First Response Agreement
City of Leesburg		2004	First Response Agreement
Marion County		2008	Mutual Aid Agreement
City of Minneola		2005	First Response Agreement
Town of Montverde		2007	Mutual Aid Agreement
Naval Air Station		2010	Updated Annually
City of Orlando	1994	1994	Statewide Mutual Aid
City of Mount Dora	2005	2006	Mutual Aid Agreement
City of Tavares		2007	First Response Agreement in place but not being followed
City of Umatilla		2009	First Response Agreement
Volusia County	2002	2002	Mutual Aid Agreement
Polk; Orange; Osceola; Reedy Creek		2009	First Response / 4 Corners Agreement
Seminole County		1989	First Response / Automatic Aid
Sumter County		2006	Mutual Aid Agreement
State of Florida		2008	FFCA Disaster Response Agreement