

## 2004 Yearly Report Butte County Interagency Haz Mat Team

The attached charts and tables summarize Team activities for 2004. These inclusions should be self-explanatory.

Membership in the team is still good with the exception that Oroville Fire is currently short two members of a minimum of four required. One additional Oroville member is being trained.

The year of 2004 was special in the very large amount of money becoming available through three grants. These grants amounted to \$314,400. Some of this money is still being spent. Below is a summary of some of the items being purchased.

- New Haz Mat 1 for Chico Station 1
- Large supply of disposable WMD level B suits
- More level A suits
- Better decon pools
- Triage tags
- Large supply of Tyvek suits for modesty and cold protection
- Roller system for decon of patients on backboard
- Sked boards for dragging victims out of exclusion zones
- Nerve gas detector
- 2<sup>nd</sup> infrared spectrometer
- And much more

The Haz Mat Working Group of FIRESCOPE has released the new Type 1 Haz Mat Team standards. We continue with the goal of meeting those new standards. The '04 grant and upcoming '05 grant should allow us to reach that standard for both units. An extraordinary amount of training and maintenance is required at the Type 1 level.

The Team is currently re-evaluating training procedures and ability of employees to use specialized equipment.

The Team continues its perfect safety record of no injuries since forming in 1990 with calls to over 950 incidents.

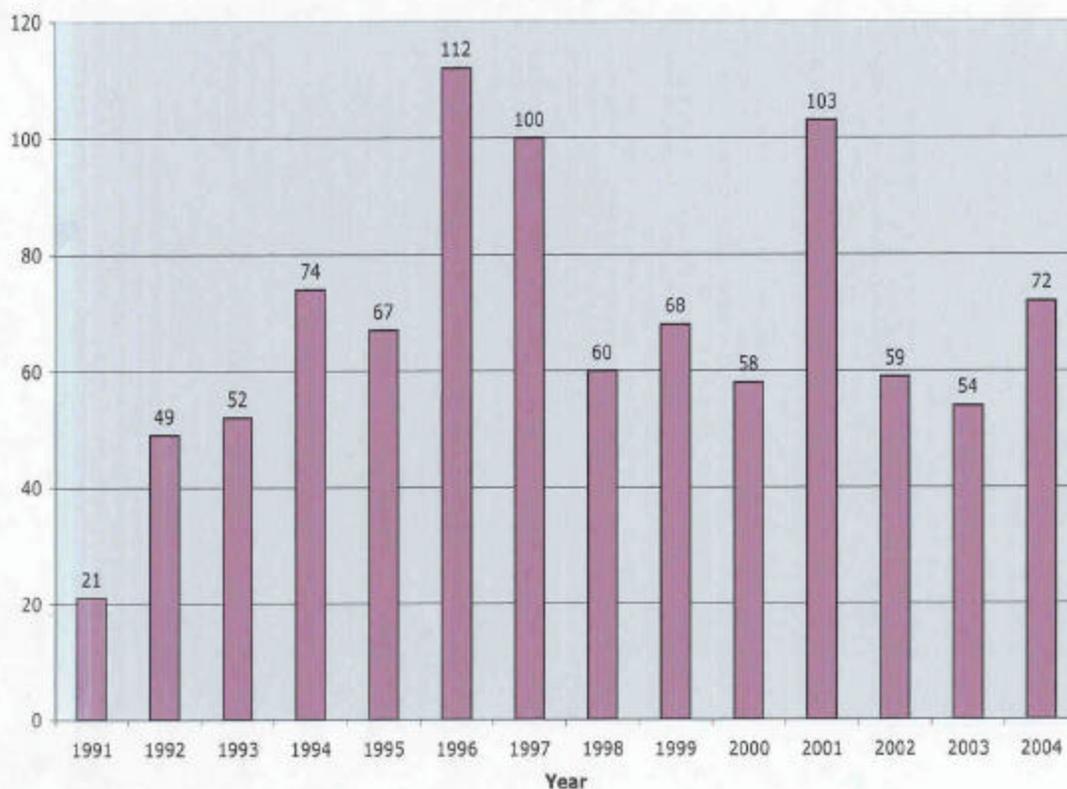
Overall, 2004 was a pretty typical year for responses. The following incidents marked 2004:

1. On January 23<sup>rd</sup>, seven technicians responded to the Oroville Wildlife Area. Several 55-gallon drums had been discarded directly next to a large pond. Oil had leaked into the pond over several days causing a large slick. The incident was turned over to Fish and Game for cleanup.

2. On February 4<sup>th</sup>, two technicians responded to a drug lab in south Oroville. A Drug Endangered Child report was submitted to BINTF.
3. On February 25<sup>th</sup>, four technicians responded to a large diesel fuel spill near the Oroville Airport. The following morning a second spill was found on H162 caused by the same trucker. Reimbursement was received.
4. On March 5<sup>th</sup>, four technicians responded to the Oroville Hospital to deal with diazepam that a suicidal patient had drunk. The emergency room had to be shut down and the patient was deconned and treated outside. A second response went to the residence of the patient, but no contamination was noted at that location. The patient survived (to some extent).
5. On March 6<sup>th</sup>, three technicians responded to a residence in Palermo due to a package delivery contaminated with diethylene glycol monobutyl ether. No reasonable explanation was found for the contamination, but the new infrared spectrometry device proved of value in cleanup.
6. On March 7<sup>th</sup> and 8<sup>th</sup>, seven technicians responded to the Bidwell Marina where a houseboat had sunk. A gasoline slick covered a fairly large area that evaporated the next day. Reimbursement was received from the owner.
7. On March 23<sup>rd</sup>, five technicians responded to the typical ammonia leak from a tanker truck on Highway 99 near Highway 162.
8. On April 9<sup>th</sup>, four technicians responded to an unknown substance contaminating envelopes at the Nelson post office and general store. No for sure identification, but it appeared to be rubber cement.
9. On May 7<sup>th</sup>, two technicians responded to a traffic collision spilling 75 gallons of diesel at Highway 99 and The Esplanade.
10. On June 3<sup>rd</sup>, two technicians responded to a traffic collision spilling 90 gallons of diesel at Highway 99 and Nord Cana.
11. On August 9<sup>th</sup>, eight technicians responded to a major natural gas leak on Lincoln Blvd south of Ophir. Evacuations were ordered and the air was monitored.
12. On August 21<sup>st</sup>, one technician responded to the Oroville Afterbay due to a small amphibious airplane crash that killed two occupants. A minor amount of fuel leaked into the water.
13. On August 31<sup>st</sup>, two technicians responded to a traffic collision that leaked 120 gallons of diesel at Ophir Road and Highway 70.

14. On September 6<sup>th</sup>, one technician responded to a traffic collision and fire at Highway 99 north of Nelson Shippee. 250 gallons of diesel was involved.
15. On November 3<sup>rd</sup>, two technicians responded to a traffic collision on Highway 99 near Highway 162. 100 gallons of diesel was involved.
16. On December 2<sup>nd</sup>, three technicians responded to a significant natural gas leak on High Street in Oroville. Responsible party is being billed.

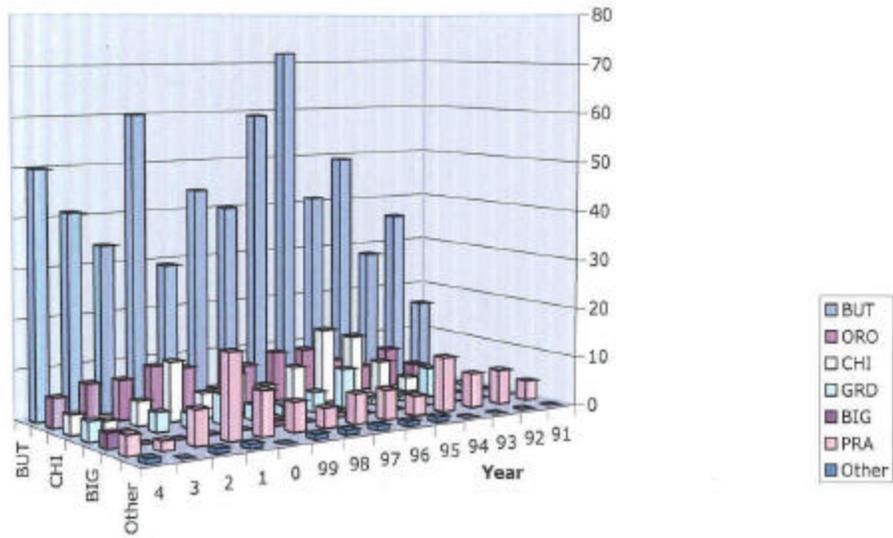
### Haz Mat Incidents by Year



### Haz Mat Incident Causes

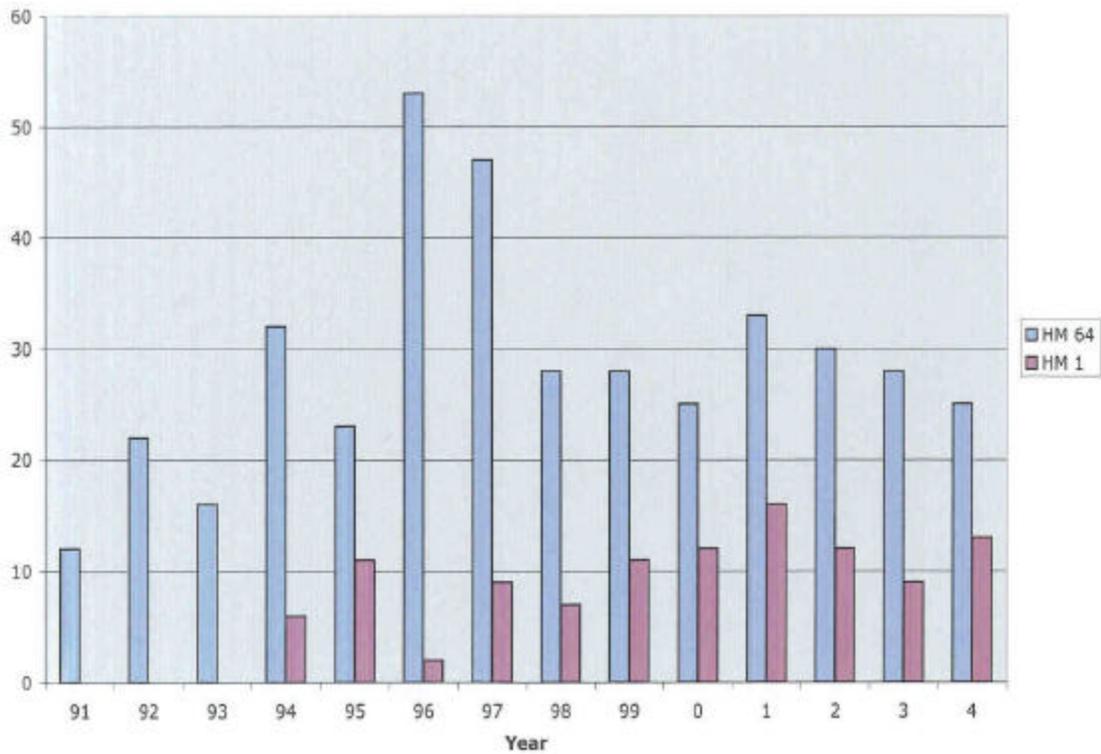
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Illegal Dump	17	21	15	14	17	10	14	13	13	6	11	16
Transportation	10	7	12	13	10	11	10	10	5	5	7	4
Drug Lab	4	3	3	13	4	2	4	4	7	4	4	7
Train	5	2	2	0	0	0	2	1	0	0	1	0
Traffic Collision	1	3	7	9	9	3	8	8	11	2	4	9
Drug Lab Waste	2	16	10	35	27	19	13	5	16	15	9	8
Farming	1	2	1	0	0	0	0	1	0	0	0	0
Children	1	0	1	0	1	0	0	0	0	0	1	0
Improper Storage	2	5	3	1	2	1	2	2	4	2	1	1
Accident in Handling	1	0	1	1	2	4	2	1	4	1	0	2
Industrial	4	5	9	5	4	1	3	6	10	8	2	10
Intentional (other)	1	5	3	3	0	1	2	0	12	4	2	3
Fire	0	0	0	1	1	1	0	1	5	3	2	1
CO Detector				2	0	0	0	1	0	1	1	1
Other				15	11	7	6	4	16	8	9	10

### Incidents by Jurisdiction

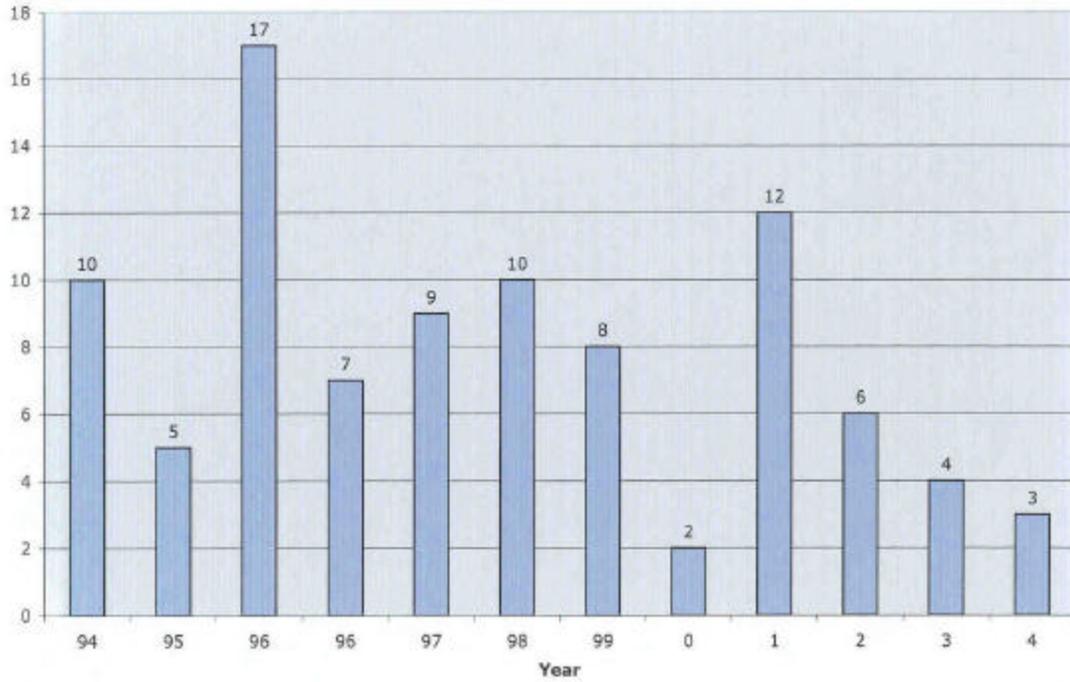


	91	92	93	94	95	96	97	98	99	0	1	2	3	4
BUT	16	36	28	49	41	72	59	40	44	29	60	34	41	50
ORO	1	4	8	5	7	10	10	8	4	9	10	8	8	6
CHI	0	2	3	7	13	15	8	5	8	5	12	5	2	4
GRD	0	0	6	1	1	8	4	2	3	6	3	4	1	4
BIG	0	0	0	0	0	0	1	0	1	0	0	0	0	3
PRA	4	7	7	11	4	6	6	4	6	9	17	7	2	4
Other	0	0	0	0	1	1	1	1	1	0	1	1	0	1

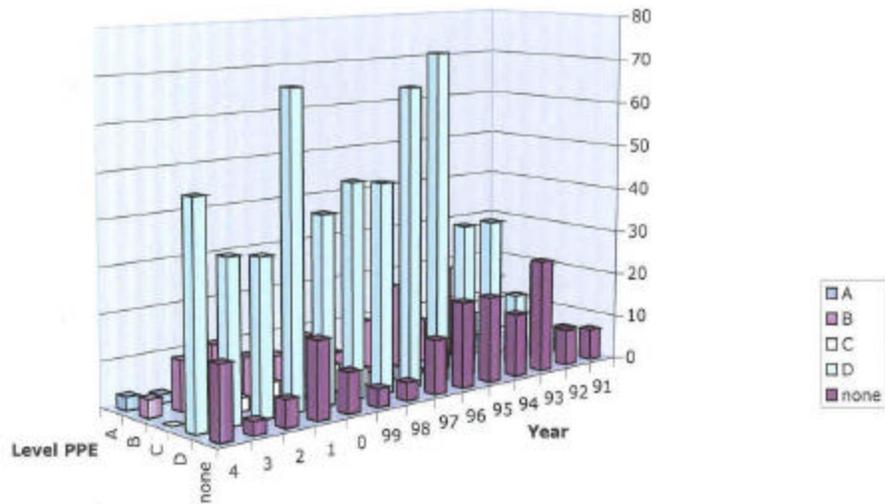
### Haz Mat Unit Response



**EPA Funding by Year**

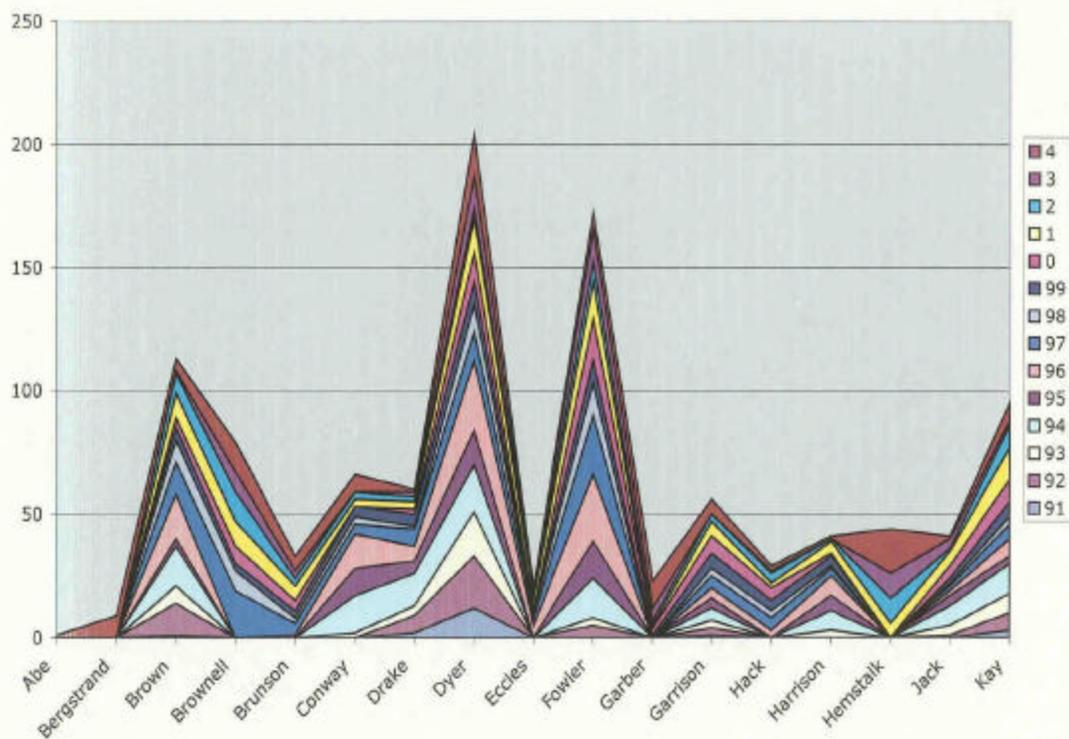


**Level of PPE Use**

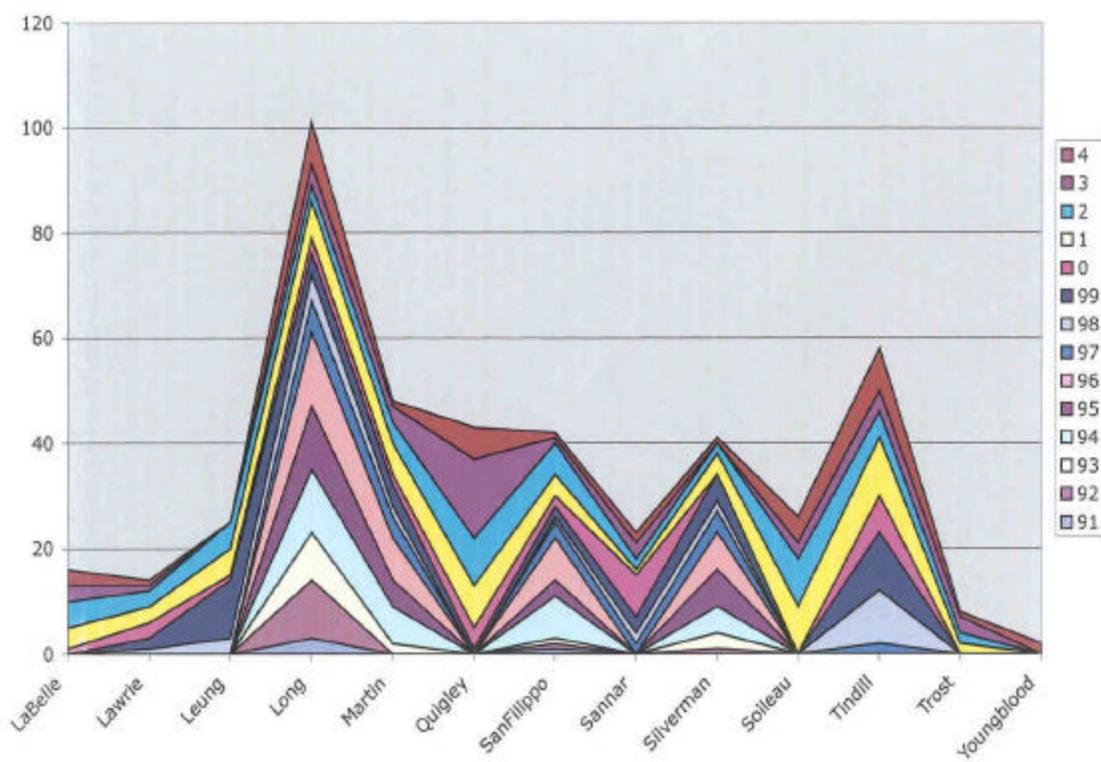


	91	92	93	94	95	96	97	98	99	0	1	2	3	4
A	2	1	1	3	0	0	0	0	0	0	1	0	2	3
B	7	17	9	21	10	19	12	6	11	8	9	13	11	4
C	0	1	1	2	4	1	3	4	6	0	5	3	0	0
D	6	22	16	34	34	73	66	46	47	41	68	34	35	48
none	7	8	25	14	19	19	12	4	4	9	17	6	3	16

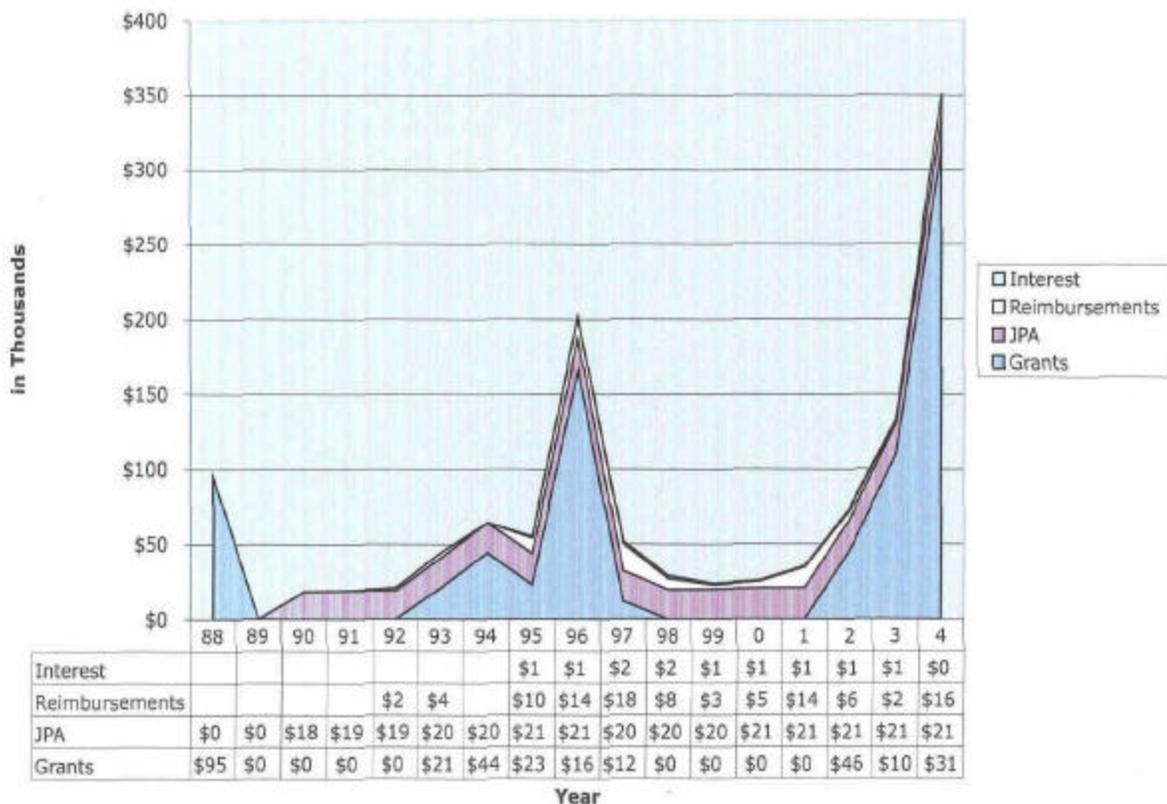
Personnel Responses



Personnel Responses



### Funding Sources



### Reimbursements to JPA Members

