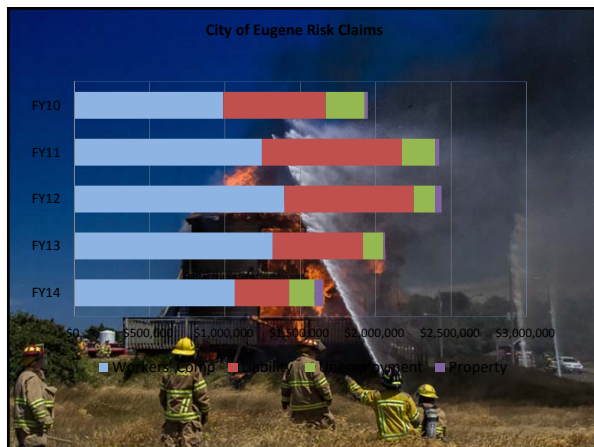
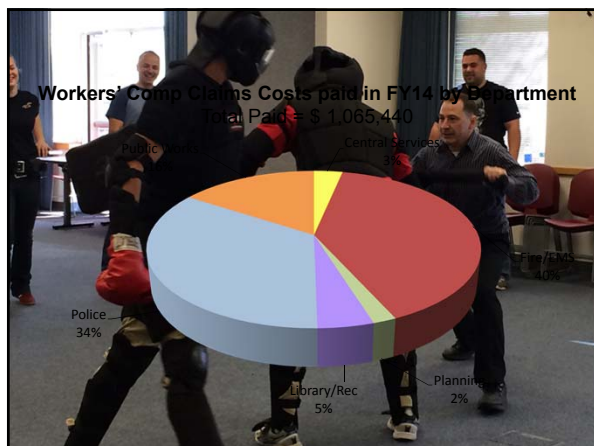


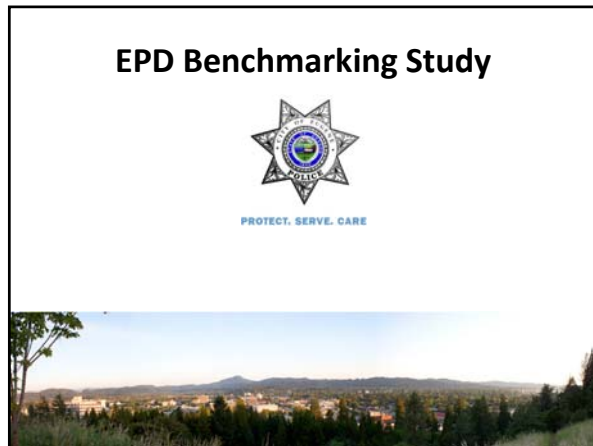
Hurt Heroes: Data Mining Police and Fire Claims

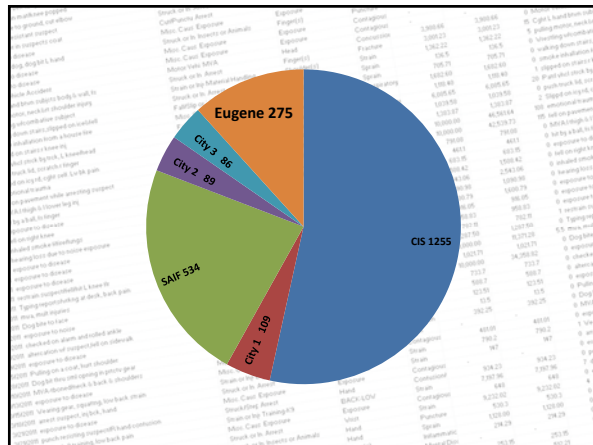
Paul Furnari, City of Eugene

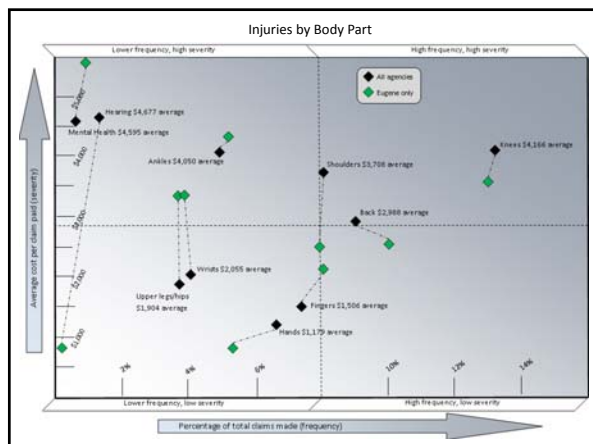


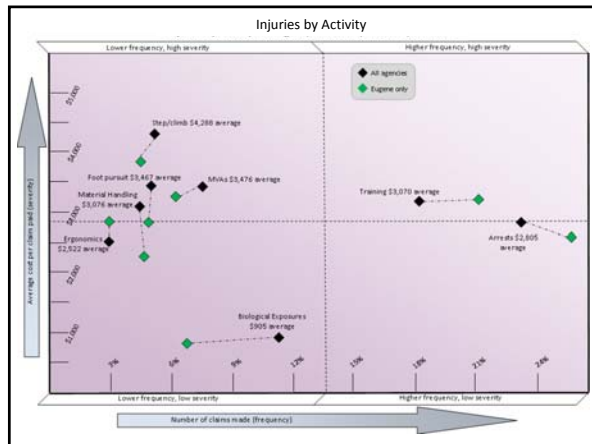












Knee injuries

13% of total claim count
21% of total claim cost

Common sources of injury:

Firearms training

Kicks to suspects

Kicks from suspects

Chasing suspects

Exiting police car



Back injuries

About 10% of total claim count and total claim cost

Common sources of injury:

Lifting bodies/animals/duty bags/etc.

Resisting suspects-
active/passive

Exiting police car

Duty belts



Finger and Hand injuries

About 14% of claims

The average tenure for officers injured while striking suspects was 5 years- the lowest tenure number for any portion of the study



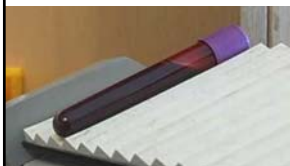
© www.sports-injury-info.com

Exposure cases

Use paramedic service for source patient testing instead of going to Emergency Room



- Faster testing
- Lower cost
- Fewer claims
- Reduced mod rate



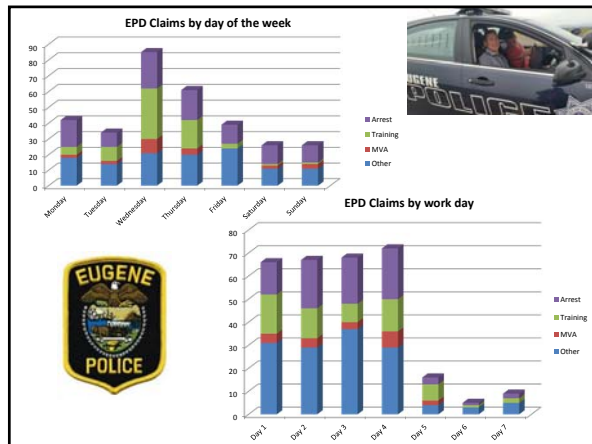
Average age for exposure cases was significantly lower than that of other claims: 35.6 years compared to 39.3 years

Benchmarking

Agency	Work Comp Mod. Rate	Sworn Officers	Claim Count	Claims/100 Officers	Average Cost	Average Tenure	Average Age
City 1	0.79	137	83	12.1	3,020	7.5	37.1
City 2	0.68	122	89	14.6	2,836	8	40.5
Eugene	1.13	190	275	28.9	2,507	10.2	39.7
City 3 (2 years)	1.15	200	109	27.3	NA	NA	NA

Arrest Injuries	Sworn Officers	Claim Count	Claims/100 Officers	Average Cost	Average Tenure	Average Age
City 1	137	21	3.1	2,667	7.4	34
City 2	122	25	4.1	3,023	5.7	37.1
Eugene	190	74	7.8	2,561	8.6	38.1
City 3 (2 years)	200	27	6.75	NA	NA	NA

Training Injuries	Sworn Officers	Claim Count	Claims/100 Officers	Average Cost	Average Tenure	Average Age
City 1	137	25	3.6	3,288	7	35.6
City 2	122	25	4.1	2,787	9	41.8
Eugene	190	59	6.2	3,155	10.2	38.9
City 3 (2 years)	200	21	5.3	NA	NA	NA



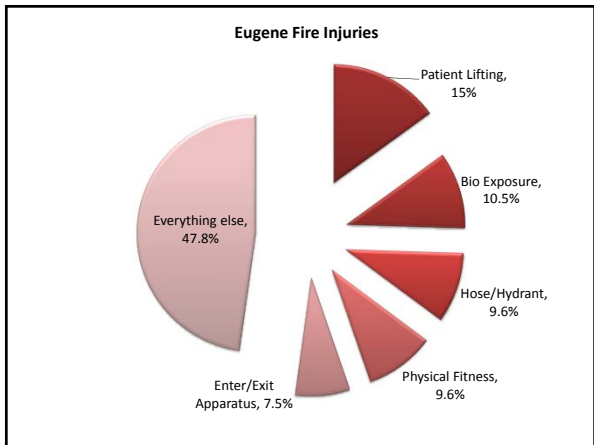
Repeat claimants

- 13.3% of EPD claimants had 4 or more claims during the study period, accounting for 34% of all claims and 25% of total claim costs
- 46% of claims to this group were from arrests, compared to 26.9% for all EPD claimants
- Average tenure and age for this group are in line with study average
- Claims to this group are generally not cases of reinjury











Patient lifting

First Aid Only (minor injury, self-treatment) = Complete IAF + Medical

Injured my right shoulder while moving a 1000 lb patient. I was positioned at the head of the patient's bed and during the transfer was pushing, pulling and twisting my arm while bend over to roll the pt up on either side to get a moving device under her. We then drag the sheet across the device which was challenging. There was a lot of pushing and pulling to the get the gurney to the medic unit. There was discomfort immediately following the incident.

There is no good way to move someone that large, I do not think it could have been done much differently

I have been involved with this patient on several occasions. This patient weighed 986# on the date in question and is not able to assist at all. This is a difficult and risky maneuver simply because it is not possible to demonstrate smooth fluid movement when the patient is moved. Rather, this is nearly 1/2 ton of dead weight that requires the effort of 8-12 people all working in unison. Difficult, dangerous (for patient and employees) and risky to be certain.

Average cost per claim
 Abdomen/chest: \$6,853
 Back- lumbar: \$3,472
 Back- other: \$1,732
 Other parts: \$1,982
 (Average cost for all patient lift injuries is \$3,188)

Funny ha-ha or funny strange?

Location	Claim count	Average tenure	Average age	Roster spots per shift	Claims per roster spot
Station 1	40	10.3	38.7	9M	4.4
Station 2	44	10.3	39.1	9M	4.9
Station 6	24	9.9	39.1	4.5M	5.3
Station 7	20	16.5	48.7	3	6.7
Station 8	18	9.7	36.7	3	6
Station 9	18	12	42.6	3	6
Station 10	22	4.9	33.2	3	7.3
Station 11	33	10.1	38.1	5M	6.6
Station 12	6	22.2	54	2	3
Station 13	11	18.3	46.7	3	3.7
Station 15	33	15.1	45.7	3	11
All claims	269	11.5	40.6		5.7 average

Fire culture

414 minor injury log entries & work comp claims incurred on fire calls.

How many burns?

Fire culture

414 minor injury log entries & work comp claims incurred on fire calls.

How many burns?

Zero



Guns & Hoses

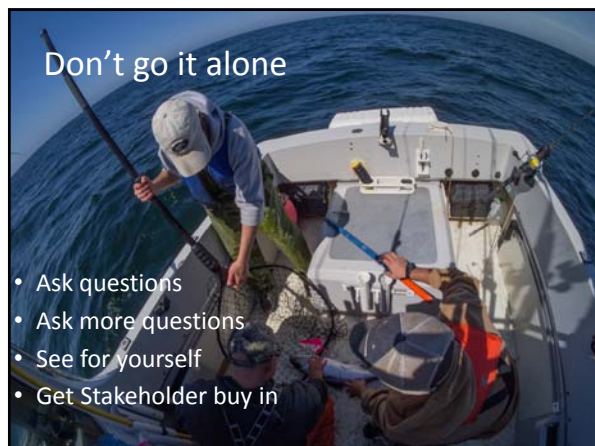
	Percent of claims		Percent of cost		Average age		Average tenure	
	Fire	Police	Fire	Police	Fire	Police	Fire	Police
Low back	26%	7%	27%	8%	43.5	40.7	13.6	9.1
Bio exposure	10%	11%	2%	4%	40.8	35.6	11	7.5
Knee	10%	13%	14%	21%	41.6	39.1	12.4	9.4
Shoulder	10%	8%	14%	12%	37	39.9	8.6	9.8

Let's go fishing

- Work with your carrier / TPA
- Canned reports vs. custom reports
- What's important?
- Death by spreadsheet*







Q & A (with a twist)

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