



# Disaster and Everyday Preparedness

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## Catchment Population

Local Region Population  
~500,000

Salem 2<sup>nd</sup> largest city  
in the State  
Marion, Polk, South Yamhill,  
North Linn and SW  
Clackamas counties



Only hospital in Salem  
Only Regional hospital in  
Marion and Polk counties

## Hospital Capacity

485 Total Inpatient Beds

110 ED beds  
2 dedicated trauma bays

17 Operating Rooms

48 ICU Beds

126 IMCU beds

## Ground Transport

Salem Fire/Falck,  
Marion County Fire, Keizer Fire,  
Jefferson Fire, Turner Fire,  
Albany Fire,  
Polk County Fire, Dallas Fire,  
Sheridan Fire, West Valley Fire,  
McMinnville Fire,  
Woodburn, Santiam, PacWest

## ED Volume

Largest Volume  
Emergency Department in Oregon  
One of the Busiest Emergency Departments  
on the West Coast

Annual patient volume ~ 110,000

## Air Transport

Air EMS: Life Flight  
Salem - NEW  
Aurora

# Hospital Incident Command System

- Salem Health uses the HICS model for disaster management
  - Call schedule for leaders for all roles in the HICS structure
    - Incident command –Executive level
    - Operations, logistics, finance, Liaison, Planning – Director level
  - Call is for one week at a time



# Santiam Canyon Fires

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- Salem Hospital is a Regional Resource Hospital
  - Communication and Coordination with:
    - Local hospitals – Santiam Hospital to assist with possible evacuation of patients
    - County and State entities – set up fairgrounds for evacuees – Many people came to the hospital for resources
    - Used Situation Board for coordination tool – evacuation zones – employees impacted, where the fires were moving







## August 2019 Building B Fire

- Fire in an elevator shaft that caused rapid smoke spread throughout 6 floors including 3 patient care floors, House Operation/Incident Command Center and the C-Suites
- **76 patients evacuated**
- Regular evacuation drills at the unit level had been instituted in the year prior



- Some more images from this day






# Emergency Department Preparedness

*For the more every day but still impactful events*

- Salem Hospital Emergency Department (the SHED) uses several tools on a daily basis to prepare for multiple patient events

- CAD – Computer Assisted Dispatch - A monitor in the ED that shows EMS activity in the community. Hugely effective collaboration with our local dispatch center
- ED Decompression – system of rapid assessment of bed space
  - Patients waiting for admission moved to hall spaces or even “the back hall”
  - Text message goes out to escalate discharges.
  - Consolidate patient groups to free up trauma nurses
  - Pull an extra Charge Nurse to coordinate event
- Night shift - Formation of trauma “teams” at the start of the shift
- Redundancy in equipment in the Trauma bays
  - Carts on wheels in addition to equipment in fixed cabinets



The screenshot shows a web browser window titled "Web CAD Monitor" with the URL "https://srvstepsint.cityofsalem.net/NewWorld.CadView/unit-status-monitor". The interface is for "public safety" and includes tabs for "Dashboard", "Map", "Current Calls", and "Unit Status". Below the tabs are "Sorted" and "Filtered" buttons. The main table displays unit status information with columns: Unit #, Unit ORI, Type, Status, Assigned Call, and Call T. The units are color-coded: purple for "At Facility", blue for "At Scene", green for "Available", pink for "Enroute", and teal for "In Quarters".

Unit #	Unit ORI	Type	Status	Assigned Call	Call T
M16	00321	MEDIC	At Facility	4772	FALL2
M3	FALCK	MEDIC	At Facility	4744	UNKN
M9	FALCK	MEDIC	At Facility	4755	UNKN
M8	FALCK	MEDIC	At Scene	4807	UNKN
M134	00087	MEDIC	Available		
M35	00186	MEDIC	Enroute	4823	FALL1
M91	00472	MEDIC	In Quarters		
M92	00472	MEDIC	In Quarters		
M36	00186	MEDIC	In Quarters		
M37	00186	MEDIC	In Quarters		
M31	00219	MEDIC	In Quarters		
M34	00219	MEDIC	In Quarters		
M33	00219	MEDIC	In Quarters		
M101	00086	MEDIC	In Quarters		
M4	FALCK	MEDIC	In Quarters		
M10	FALCK	MEDIC	In Quarters		
M154	00087	MEDIC	In Quarters		
M102	00086	MEDIC	Leave Scene	4554	CHE

# Recent Event

- Crash on I5 involving 2 semis and a passenger van
  - 7 deceased at the scene
  - 5 patients transported to Salem Hospital
    - All arrived within moments of each other
    - Via multiple ground agencies and Lifeflight
      - 1 patient expired in the ED
      - 3 were admitted with serious injuries
      - 1 was transferred





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## In Conclusion

- Santiam Fires – preparedness on a regional scale
- Building B Fire – preparedness on an internal scale
- Then there are the not quite every day but common enough stressors to your system

