LA County EMS System

70 9-1-1 Receiving Centers

(Most Accessible Receiving – MAR)

• 21 Base Hospitals
  – > 700,000 calls per year
• 15 Trauma Centers (TC)
• 10 Pediatric Medical Centers (PMC)
  – [7 are also PTCs]
• 38 Emergency Department Approved for Pediatrics (EDAP)
• 61 Perinatal Centers
• 36 STEMI Receiving Facilities (SRC)
• 31 Primary Stroke Centers
• 21 Comprehensive Stroke Centers
• 15 SART Centers
• 13 Disaster Resource Centers
Los Angeles County EMS Agency

- EMS Provider Agencies
  - 32 public safety EMS provider agencies
  - 36 licensed BLS ambulance operators
  - 18 ALS ambulance operator
  - 8 licensed ambulette operators

- EMS Practitioners
  - 4,287 accredited paramedics
  - 8,168 certified EMT’s by LA Co EMS Agency
  - 853 certified Mobile Intensive Care Nurses (MICNs)
LA County EMS
Agency: What we do...

• The EMS Agency is responsible for overseeing the County’s emergency medical 911 system.
  • Develop policies and protocols for prehospital care
  • Approve base hospitals, receiving hospitals, 911 provider agencies, and specialty networks
  • Coordinate medical response during disasters and emergencies
  • Operate the J. Michael Criley Paramedic Training Institute
  • Certify and accredit EMS personnel (EMTs, MICNs, Paramedics)
  • Ensure EMS providers meet state and local standards of care
EMS Agency Resources:

Updates From Medical Director

- COVID Update #10  05/14/2020
- COVID Update #9   04/16/2020
- COVID Update #8   04/07/2020
- COVID Update #7   04/06/2020
- COVID Update #6   03/27/2020
- COVID Update #5   03/25/2020
- COVID Update #4   03/17/2020
- COVID Update #3   03/11/2020
- COVID Update #2   03/03/2020
- COVID Memo #1     01/28/2020

Out-of-Hospital Cardiac Arrest Care During COVID-19  04/09/2020

STEMI Care During the COVID – 19 Crisis  03/25/2020

Other Resources:

CDC
- CDC
- Eye Protection
- Health Hazard and Evaluation Report
- Interim Guidance for EMS and 911 Public Safety Answering Points for COVID-19 in the United States
- N-95 Masks with reduced supply chain
- Reuse of Facemasks
Unity, Service, Strength
Daily Data Tracking EMS and 70 9-1-1 Receiving Centers
Los Angeles County Emergency Medical Services Agency
COVID-19 HOSPITAL ASSESSMENT REPORT

AVERAGE DAILY Non-ICU (Med/Surg/SDU/Telemetry) CENSUS: LA County 911 Receiving Hospitals (n=70)
Licensed Non-ICU Beds: ~17,000  Reported Surge Capacity on 4/15/20: 11,482
Estimated 2018 Population: 10,284,981

Data Source: RediNet Daily Hospital COVID Assessment Poll, and Snowflake CHA/CDPH
This is self reported data subject to error, represents 70 designated 9-1-1 receiving hospitals.
Surge Capacity - hospitals can flex additional beds to serve ICU/isolation patients as needed.
Several large hospitals that do not routinely receive 9-1-1 transports also have additional beds that would increase bed capacity in the system.

CHART 1A-LA
Los Angeles County Emergency Medical Services Agency
COVID-19 HOSPITAL ASSESSMENT REPORT

AVERAGE DAILY INTENSIVE CARE UNIT (ICU) CENSUS: LA County 911 Receiving Hospitals (n=70)
Licensed ICU Beds: ~2,500  Reported ICU Surge Capacity on 4/15/20: 4,067
Estimated 2018 Population: 10,284,981

- Confirmed COVID-19 ICU Census
- PUI FOR COVID-19
- Non-COVID-19
- Currently Available Staffed Beds
- COVID & PUI Bed Utilization Rate

Data Source: RedNet Daily Hospital COVID Assessment Poll, and Snowflake CHA/CDPH
This is self-reported data subject to error, represents 70 designated 9-1-1 receiving hospitals.
Surge Capacity - hospitals can flex additional beds to serve ICU/isolation patients as needed.
Several large hospitals that do not routinely receive 9-1-1 transports also have additional beds that would increase bed capacity in the system.
AVERAGE DAILY CENSUS OF PATIENTS ON MECHANICAL VENTILATION: LA County 911 Receiving Hospitals (n=70)

Reported Surge Capacity on 4/15/20 for Mechanical Ventilation: 3,199
Estimated 2018 Population: 10,284,981

Data Source: RedNet Daily Hospital COVID Assessment Poll, and Snowflake CHA/CDPH
This is self-reported data subject to error, represents 70 designated 9-1-1 receiving hospitals.
Surge Capacity - hospitals can flex additional beds to serve ICU/isolation patients as needed.
Several large hospitals that do not routinely receive 9-1-1 transports also have additional beds that would increase bed capacity in the system.
Thank You
USNS Mercy!

From,
the LA County EMS Agency
## LOS ANGELES COUNTY EMS AGENCY

**Medical Supply/Equipment: Total Units Distributed**  
**February 1, 2020 through August 2, 2020**

<table>
<thead>
<tr>
<th>Item</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coveralls</td>
<td>5,898</td>
</tr>
<tr>
<td>Gowns</td>
<td>3,455,873</td>
</tr>
<tr>
<td>Shoe Covers</td>
<td>38,080</td>
</tr>
<tr>
<td>Goggles / Face Shields</td>
<td>463,146</td>
</tr>
<tr>
<td>Gloves</td>
<td>527,040</td>
</tr>
<tr>
<td>Hand Sanitizers</td>
<td>162,997</td>
</tr>
<tr>
<td>Masks (N95)</td>
<td>17,668,453</td>
</tr>
<tr>
<td>Masks (Surgical/Procedure)</td>
<td>11,206,350</td>
</tr>
<tr>
<td>Nasopharyngeal Flock Swabs</td>
<td>518,150</td>
</tr>
<tr>
<td>Viral Transport Media</td>
<td>480,202</td>
</tr>
<tr>
<td>Ventilators</td>
<td>153</td>
</tr>
<tr>
<td>Ventilators on-hand (8/3/20)</td>
<td>67*</td>
</tr>
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### Mobile Medical System:

<table>
<thead>
<tr>
<th>Item</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>ECG Monitors</td>
<td>10</td>
</tr>
<tr>
<td>Emergency Department Trailer</td>
<td>1</td>
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<tr>
<td>Support Trailer</td>
<td>1</td>
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<tr>
<td>Western Shelter</td>
<td>1</td>
</tr>
<tr>
<td>DLX Tent</td>
<td>1</td>
</tr>
<tr>
<td>Hospital Tent</td>
<td>3</td>
</tr>
<tr>
<td>Generator</td>
<td>1</td>
</tr>
<tr>
<td>Oxygen Concentrator</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxychloroquine (Tablets)</td>
<td>200</td>
</tr>
<tr>
<td>Remdesivir (100mg vials)</td>
<td>34,123</td>
</tr>
</tbody>
</table>

170 Ventilators were returned to the Strategic National Stockpile on 6/9/20
Remdesivir
Lessons Learned

• Dynamic process
• Partnerships are critical
• Data management was critical
• EMS plays a critical role in overall healthcare system response
• Early on PPE was in short supply – now supply chain returned
• EMS providers exposed at work if they did not wear PPE
• State and regional support critical
EMS STRONG
READY FOR TODAY. PREPARING FOR TOMORROW.

Emergency Medical Services Week (May 17 -23 2020)