



## Line Fire Situation Report for Sep 10, 2024 at 19:00 EDT

Data last updated on Sep 12, 2024 at 00:00 EDT

### **01 Movement**

### **02 Vulnerability**

### **03 Infrastructure**

#### **Summary**

As of the morning of September 12th, three significant fires are threatening the southern California region.

- **Line Fire** (San Bernardino) = 37, 207 acres burned
- **Bridge Fire** (Los Angeles, San Bernardino) = 51,167 acres burned
- **Airport Fire** (Orange, Riverside) = 23,412 acres burned

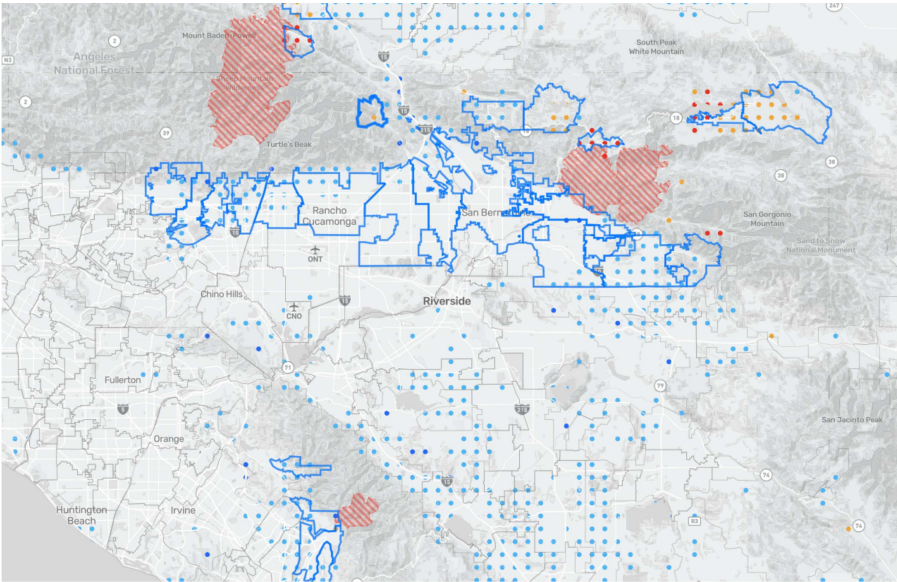
According to population dynamics data from Data for Good at Meta (measuring Facebook users relative to a pre-crisis 90-day baseline) movement away from the fire areas is occurring in a few different towns and cities.

- **Line Fire:** *Running Springs*, which is adjacent to the northernmost fire perimeter has seen population decline consistently over 80%, indicating large scale evacuation. *Lake Arrowhead* is roughly 8-10% below baseline while the neighboring town of *Crestline* is roughly 15% above baseline. The town of *Big Bear Lake* is seeing significant declines over 50% while the adjacent town of *Big Bear City* is seeing declines of nearly 20%. Urban areas to the south of the fire perimeter, including Yucaipa and Redlands, are either at baseline or slightly above.
- **Bridge Fire:** The town of *Wrightwood* saw a sudden decline of 66% on Tuesday evening. *Lytle Creek* has seen a modest decline of 12%. The town of Pinon Hills, adjacent to Wrightwood has seen an overall increase of 16%, although the areas of Pinon Hills on the southern side of Route 138 near Wildhorse Canyon have seen decreases over 10%.
- **Airport Fire:** No towns have seen overall population declines. *Rancho Santa Margerita* contains some areas near the fire perimeter which have decline more than 10%.

At the ACS Place administrative unit level, Facebook users are highly correlated throughout Southern California with the Census population, with an R2 value of .979.

MOVEMENT

% Pop. Density Change on Sep 10, 2024 at 19:00 EDT



Facebook Mobility Data

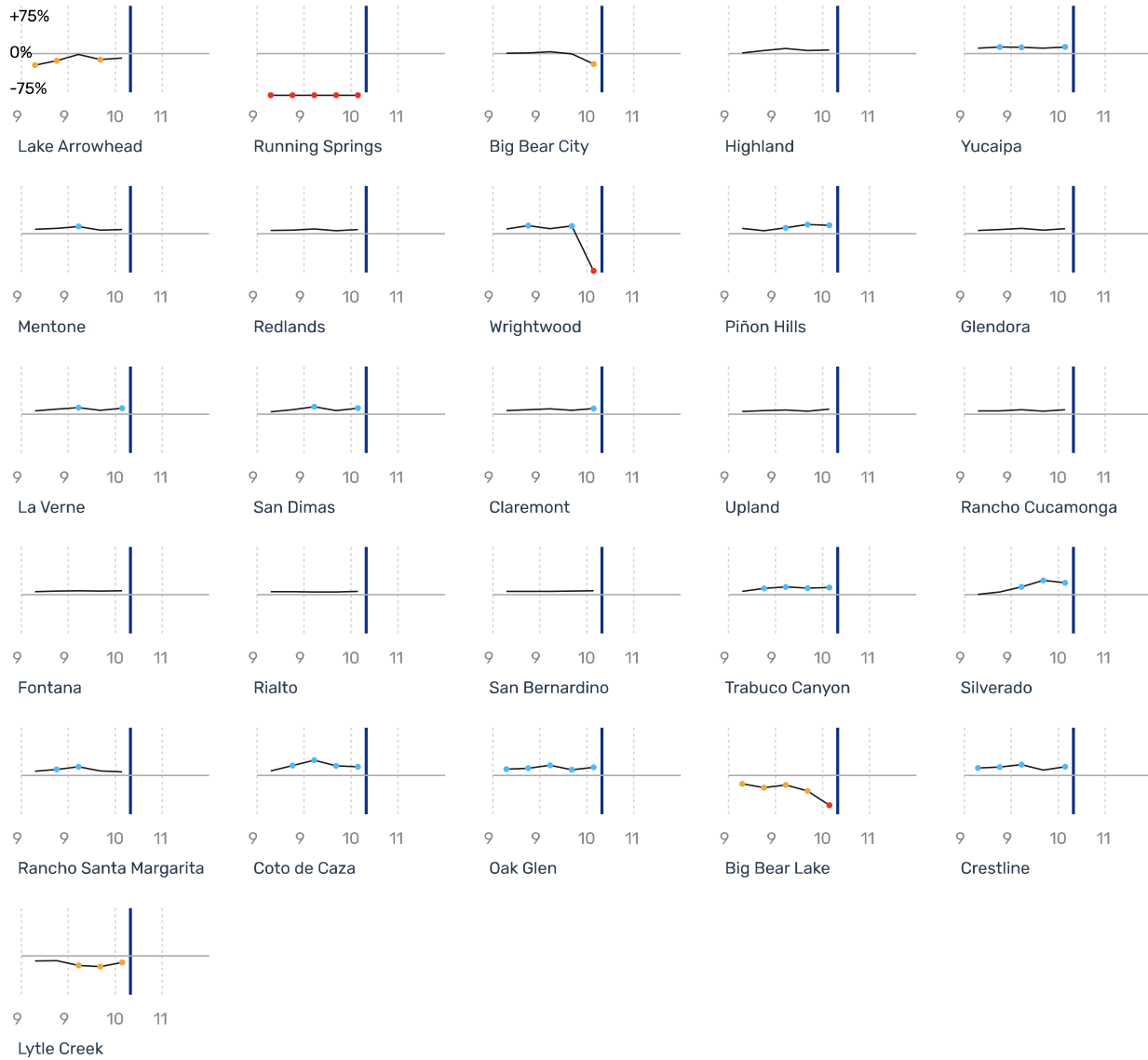
- 50%+
- 50 to -10%
- 10 to 50%
- 50%+

% Pop. Density Change on Sep 10, 2024 at 19:00 EDT with place selections.

## Population Density on Sep 10, 2024 at 19:00 EDT

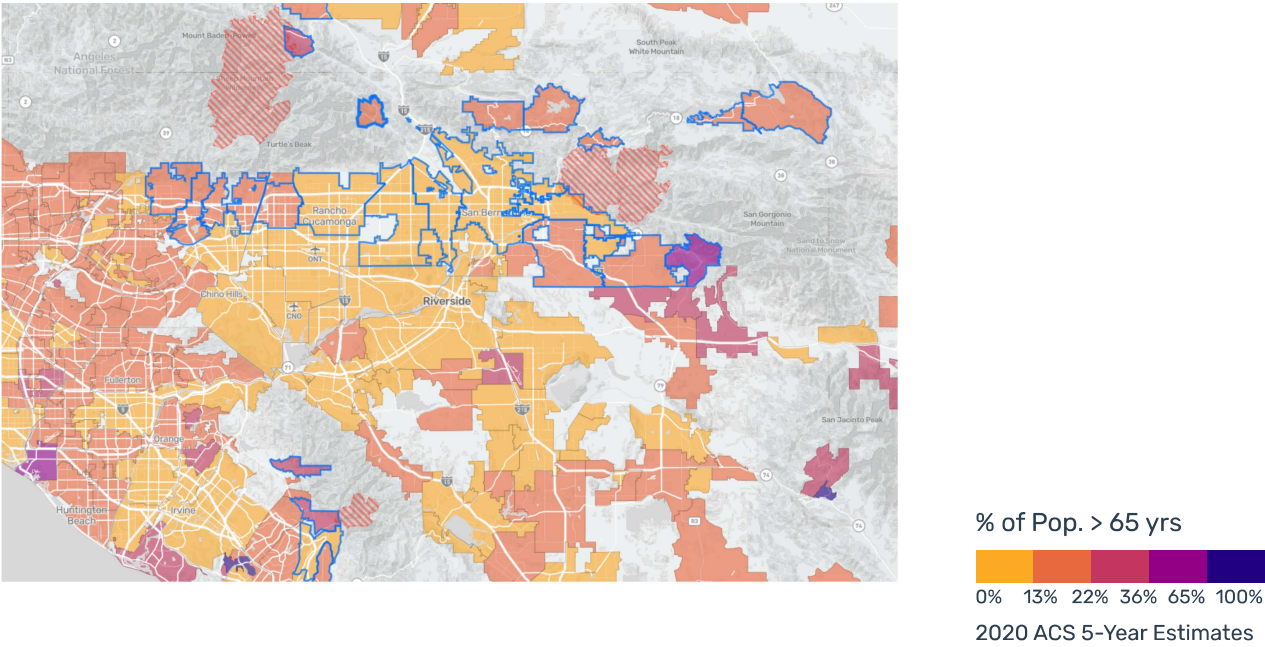
Location	Baseline Pop.	Current Crisis Pop.	Pop. Density vs. Baseline ▼	Confidence Level
San Bernardino	347004	372995	7%	N/A
Orange	461615	491851	7%	N/A
Los Angeles	1398438	1476331	6%	N/A
Silverado	54	66	22%	N/A
Piñon Hills	1168	1349	16%	N/A
Crestline	1352	1561	15%	N/A
Coto De Caza	1358	1567	15%	N/A
Oak Glen	123	141	14%	N/A
Trabuco Canyon	1236	1396	13%	N/A
Yucaipa	7583	8472	12%	N/A
San Dimas	4988	5549	11%	N/A
La Verne	4215	4680	11%	N/A
Claremont	6138	6779	10%	N/A
Upland	11535	12644	10%	N/A
Glendora	7459	8171	10%	N/A
Rancho Cucamonga	24019	26022	8%	N/A
Redlands	11523	12443	8%	N/A
Mentone	782	842	8%	N/A
Fontana	32563	34960	7%	N/A
San Bernardino	38003	40713	7%	N/A
Highland	5893	6270	6%	N/A
Rialto	17890	19021	6%	N/A
Rancho Santa Margarita	5310	5630	6%	N/A
Lake Arrowhead	1722	1576	-8%	N/A
Lytle Creek	154	135	-12%	N/A
Big Bear City	2290	1848	-19%	N/A
Big Bear Lake	1081	499	-54%	N/A
Wrightwood	467	157	-66%	N/A
Running Springs	583	93	-84%	N/A

## % Pop. Density Change Over Time



VULNERABILITY

Pop. > 65 yrs on Sep 10, 2024 at 19:00 EDT

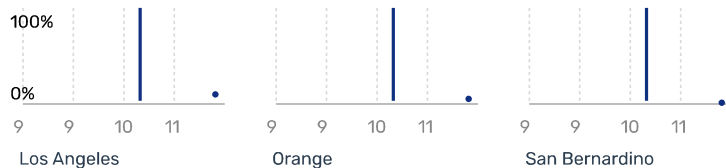


## Demographics

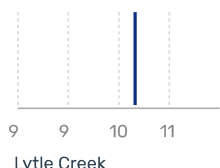
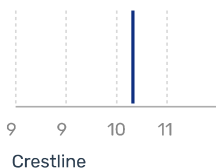
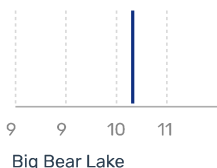
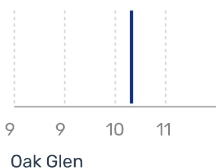
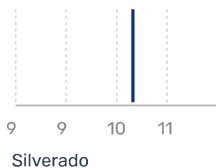
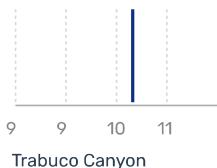
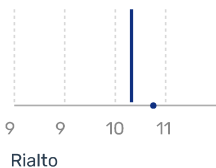
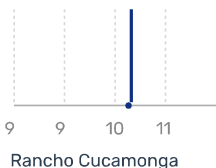
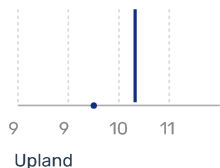
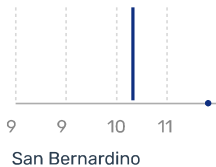
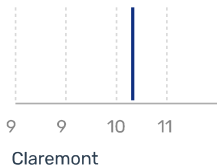
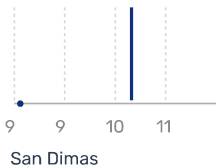
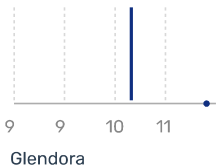
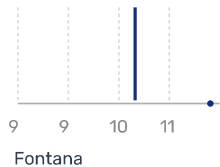
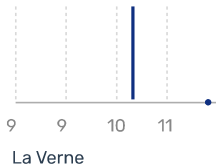
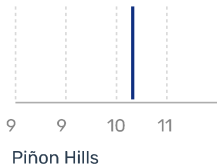
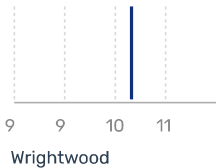
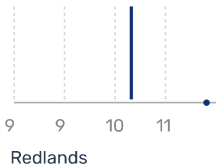
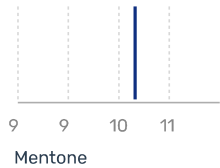
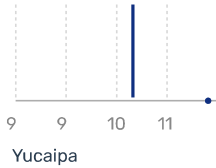
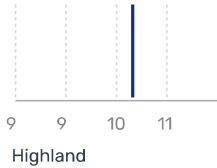
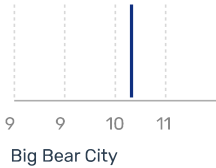
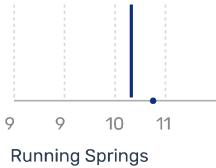
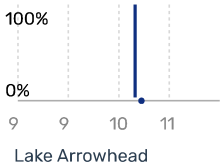
Location	Total Pop.	Pop. > 65 yrs	% of Pop. > 65 yrs ▼	% of Women Pop.	% of Children Under 5	% of Pop. Below Poverty Level	Num. Customers Without Power	DME Users	DME Users / 100K Pop.
Orange	3,170,345	468,842	15%	N/A	N/A	10%	N/A	11767	0.1177
Los Angeles	10,040,682	1,370,141	14%	N/A	N/A	14%	N/A	34843	0.3484
San Bernardino	2,162,532	250,032	12%	N/A	N/A	15%	N/A	11894	0.1189
Oak Glen	307	152	50%	N/A	N/A	20%	N/A	N/A	N/A
Wrightwood	4,362	1,306	30%	N/A	N/A	14%	N/A	N/A	N/A
Trabuco Canyon	1,281	357	28%	N/A	N/A	10%	N/A	N/A	N/A
Silverado	740	200	27%	N/A	N/A	11%	N/A	N/A	N/A
Lake Arrowhead	9,741	2,119	22%	N/A	N/A	11%	N/A	N/A	N/A
Running Springs	4,410	913	21%	N/A	N/A	13%	N/A	N/A	N/A
La Verne	32,346	6,688	21%	N/A	N/A	8%	N/A	N/A	N/A
Big Bear City	12,621	2,542	20%	N/A	N/A	18%	N/A	N/A	N/A
Claremont	35,610	7,000	20%	N/A	N/A	4%	N/A	N/A	N/A
Lytle Creek	656	127	19%	N/A	N/A	22%	N/A	N/A	N/A
Piñon Hills	6,937	1,340	19%	N/A	N/A	9%	N/A	N/A	N/A
San Dimas	33,812	6,498	19%	N/A	N/A	9%	N/A	N/A	N/A
Big Bear Lake	5,302	972	18%	N/A	N/A	16%	N/A	N/A	N/A
Crestline	9,351	1,530	16%	N/A	N/A	14%	N/A	N/A	N/A
Glendora	51,087	8,239	16%	N/A	N/A	7%	N/A	N/A	N/A
Upland	77,348	11,531	15%	N/A	N/A	11%	N/A	N/A	N/A
Yucaipa	54,358	7,927	15%	N/A	N/A	8%	N/A	N/A	N/A
Redlands	71,680	10,448	15%	N/A	N/A	10%	N/A	N/A	N/A
Coto De Caza	15,509	2,061	13%	N/A	N/A	3%	N/A	N/A	N/A
Rancho Cucamonga	178,060	22,271	13%	N/A	N/A	7%	N/A	N/A	N/A
Mentone	10,141	1,163	11%	N/A	N/A	9%	N/A	N/A	N/A
Highland	55,339	5,401	10%	N/A	N/A	16%	N/A	N/A	N/A
San Bernardino	216,784	20,912	10%	N/A	N/A	23%	N/A	N/A	N/A
Rialto	103,549	9,840	10%	N/A	N/A	16%	N/A	N/A	N/A
Rancho Santa Margarita	48,280	4,572	9%	N/A	N/A	5%	N/A	N/A	N/A
Fontana	212,704	17,492	8%	N/A	N/A	12%	N/A	N/A	N/A

## Power Outages

### Counties

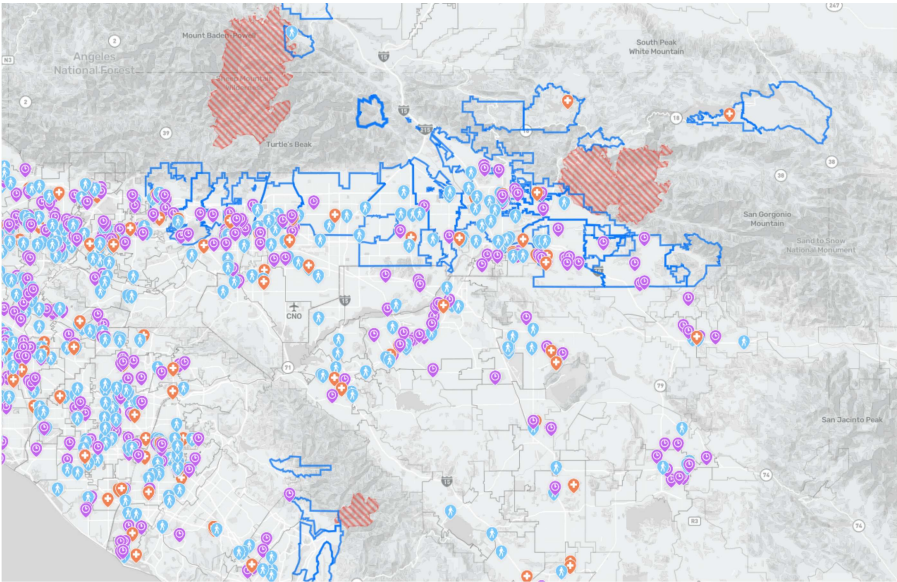





Places



INFRASTRUCTURE

Healthcare Facilities in and Around Place Selections on Sep 10, 2024 at 19:00 EDT



-  Hospitals
-  Long Term / Other
-  Outpatient

Health facilities in and around Line Fire on Sep 10, 2024 at 19:00 EDT with place selections.



## Types of Healthcare Facilities in Place Selections

Location	All ▼	Hospitals	Long Term / Other	Outpatient
Los Angeles	1,232	120	515	597
Orange	238	38	75	125
San Bernardino	160	28	57	75
San Bernardino	31	5	9	17
Redlands	14	2	9	3
Glendora	11	2	5	4
Fontana	11	1	2	8
Upland	8	1	3	4
San Dimas	5	1	3	1
Claremont	5	0	4	1
Rancho Cucamonga	5	1	1	3
Yucaipa	4	0	4	0
Rialto	3	0	1	2
Highland	2	0	1	1
Lake Arrowhead	1	1	0	0
Mentone	1	0	1	0
Wrightwood	1	0	0	1
La Verne	1	0	1	0
Big Bear Lake	1	1	0	0
Running Springs	0	0	0	0
Big Bear City	0	0	0	0
Piñon Hills	0	0	0	0
Trabuco Canyon	0	0	0	0
Silverado	0	0	0	0
Rancho Santa Margarita	0	0	0	0
Coto De Caza	0	0	0	0
Oak Glen	0	0	0	0
Crestline	0	0	0	0
Lytle Creek	0	0	0	0

*CrisisReady is a research response platform at the Harvard Data Science Initiative and Direct Relief that advances data-driven decision making in emergency response. Contact us at [info.crisisready.io](https://info.crisisready.io) to get in touch.*

*Report created on Sep 12, 2024 at 09:55 EDT*