

**1. How many 3-story vs. 4-story buildings does Davis now have?**

This is a question about the City of Davis. Please contact them for assistance.

**2. How frequent are fires at these two building heights respectively?**

This is a question about the City of Davis. Please contact them for assistance.

**3. How are these fires contained without a ladder truck?**

Fire suppression tactics and strategy vary greatly depending on specific buildings and incidents. Building construction, area and extent of involvement, occupancy type, and weather are just a few of the many factors that play a significant role in the response plan put in place by an incident commander. An aerial apparatus is only one part of that process. At some incidents, an aerial apparatus plays a crucial role in incident stabilization. In others, an aerial apparatus may play little to no role in incident stabilization and is simply utilized for the staff assigned to it.

**4. How many 5-7 story buildings are there in the City currently? How many are in construction? How many are in the planning phases?**

This is a question about the City of Davis. Please contact them for assistance.

**5. How often have ladder trucks<sup>1</sup> from UC Davis and other jurisdictions been called on?**

Since 2010, Truck 34 (the UC Davis ladder truck) has been called to an incident (of any kind) in a City of Davis district (excluding freeways) 872 times. See Table 1 below for a breakdown by calendar year. Please note, UC Davis Fire only tracks data from our department responses and we don't have information on responses to the City of Davis from other agencies. Please contact those other agencies for assistance.

**6. How often has the UC Davis ladder truck been used for on-campus fires?**

Truck 34 has been used for on-campus fires a total of 107 times between calendar years 2010 and 2020. Of those incidents, 71 of them are defined as structure fires per NFIRS. See Table 2 below for a breakdown by calendar year.

**7. What is the probability that the UC Davis truck would not be available should there be a fire in a multi-story building in the City?**

The UC Davis Fire Department has a robust plan in place to maintain fire protection and emergency response capabilities to the campus. This plan includes routine and emergency maintenance planning, emergency staffing plans, personnel training, and vehicle share agreements with neighboring agencies in case of equipment failure. We are extremely successful in keeping our apparatus response ready and providing emergency response coverage to the campus. As part of long-standing mutual aid agreements, our resources are also made available to other areas within our region if needed. This

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service is returned to us in our time of need by those same agencies. We are proud of our relationships with our partnering agencies and greatly appreciate their support of the UC Davis campus.

**8. *Has this ever happened?***

UC Davis Fire department does not keep records on City of Davis incidents to which we haven't responded. Please contact the City of Davis to obtain this information. We do not have any recorded incidents of campus structure fires within the requested data range where the ladder truck was not available to respond.

**9. *How many times has the UC Davis ladder truck been dispatched to a reported fire in the city, but cancelled either on the way or upon arrival?***

Between 2010-2020, Truck 34 has been dispatched to a reported structure fire in the City of Davis 387 times, and was cancelled en-route 160 times and cancelled upon arrival on scene 101 times.

**10. *How many times did the UC Davis ladder truck arrive and actually remain on scene working?***

Between 2010-2020, Truck 34 arrived at the scene of a structure fire in the City of Davis and remained on scene working 141 times.

**11. *How many times was the nature of their work on scene specific to the functionality of the UCD ladder truck itself, or were the firefighters on the truck assigned work that an engine company could have completed in the absence of the truck?***

The Federal Emergency Management Agency (FEMA) has established a National Fire Incident Reporting System (NFIRS) to track fire department emergency response across the entire nation. NFIRS defines each call type as well as standard actions taken on scene. The deployment of an aerial ladder is not a data point that is tracked in fire department incident reporting systems. The chart below summarizes the actions taken at these calls based on NFIRS categories. More than 1 action may be recorded for each incident.

Primary Incident Record?	1																						
Incident_cat	(Multiple Items)																						
Count of Incident_numbr	Column Labels																						
Row Labels		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total											
-		1										1											
10 - Fire control or extinguishment, other					2	1	3	4	3	2		15											
11 - Extinguishment by fire service personnel		2			2	5	8	6	5	4	1	33											
12 - Salvage & overhaul		1			2	2	4	2	3	3	1	18											
21 - Search		1							1	1		3											
51 - Ventilate			3	1	4		1		2			11											
57 - Provide light or electrical power				1								1											
58 - Operate apparatus or vehicle		1										1											
70 - Assistance, Other		1										1											
73 - Provide manpower					1	2		2	2	1		8											
731 - Provide Staffing		1										1											
80 - Information, investigation & enforcement, Other								1				1											
81 - Incident command					1							1											
86 - Investigate		1	1		1	2	2	1	3	1		12											
860 - Report on conditions										1		1											
90 - Fill-in, standby, Other			1					1	1			3											
92 - Standby					4	2	1					7											
<b>Grand Total</b>		<b>9</b>	<b>5</b>	<b>2</b>	<b>17</b>	<b>14</b>	<b>21</b>	<b>15</b>	<b>20</b>	<b>13</b>	<b>2</b>	<b>118</b>											

**12. Is the City of Davis paying the UCDFD for any of these responses?**

UC Davis is signatory to the Yolo County Fire Services Mutual Aid agreement. Per this agreement, signatory agencies do not financially compensate other signatory agencies for emergency response aid rendered. Signatory agencies provide service as possible and appropriate to one another in time of need.

# Tables

Table 1: Truck 34 Responses to City of Davis Incidents by Calendar Year

Count of T34 Responses to DFD Districts												
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Grand Total
T34 Incident Responses	71	42	16	84	88	104	118	103	85	83	84	872

Table 2: Fire Incidents in UC Davis Districts by Calendar Year

Fire Incidents in UC Davis Districts, CY 2010-2020												
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Grand Total
<b>Structure Fires</b>	<b>4</b>	<b>5</b>	<b>14</b>	<b>8</b>	<b>14</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>71</b>
111 - Building fire	2	2	7	3	5	4	1	5	3	1		33
112 - Fires in structure other than in a building				3					1		1	5
113 - Cooking fire, confined to container		2	5	2	6	1	2		1	2	1	22
115 - Incinerator overload or malfunction, fire confined					1							1
116 - Fuel burner/boiler malfunction, fire confined			1									1
117 - Commercial Compactor fire, confined to rubbish	1											1
118 - Trash or rubbish fire, contained	1	1	1		2	1			1		1	8
<b>Other Fire Types</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>5</b>		<b>3</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>36</b>
100 - Fire, Other						1	1	1		1	3	7
140 - Natural vegetation fire, Other	1		1	1		1		1				5
142 - Brush or brush-and-grass mixture fire			1						2		1	4
143 - Grass fire							1	1				2
150 - Outside rubbish fire, Other	1		1	1		1						4
151 - Outside rubbish, trash or waste fire	1		1	1				1				4
154 - Dumpster or other outside trash receptacle fire	2	1	1	1								5
160 - Special outside fire, Other				1								1
162 - Outside equipment fire	1											1
170 - Cultivated vegetation, crop fire, Other								1				1
171 - Cultivated grain or crop fire											1	1
173 - Cultivated trees or nursery stock fire							1					1
<b>Grand Total</b>	<b>10</b>	<b>6</b>	<b>19</b>	<b>13</b>	<b>14</b>	<b>9</b>	<b>6</b>	<b>10</b>	<b>8</b>	<b>4</b>	<b>8</b>	<b>107</b>