

2015-2017

Human-Wildlife Conflict
Incident Reporting Summary- DRAFT
Wildlife Management
September 1, 2015 – April 30, 2017



Wildlife Branch

Wildlife Investigations Lab

California Department of Fish and Wildlife

The following tables and charts represent a brief Statewide summary of all human-wildlife conflict incidents that Wildlife Management (WLM) has responded to by Region, from September 1, 2015 – April 30, 2017.

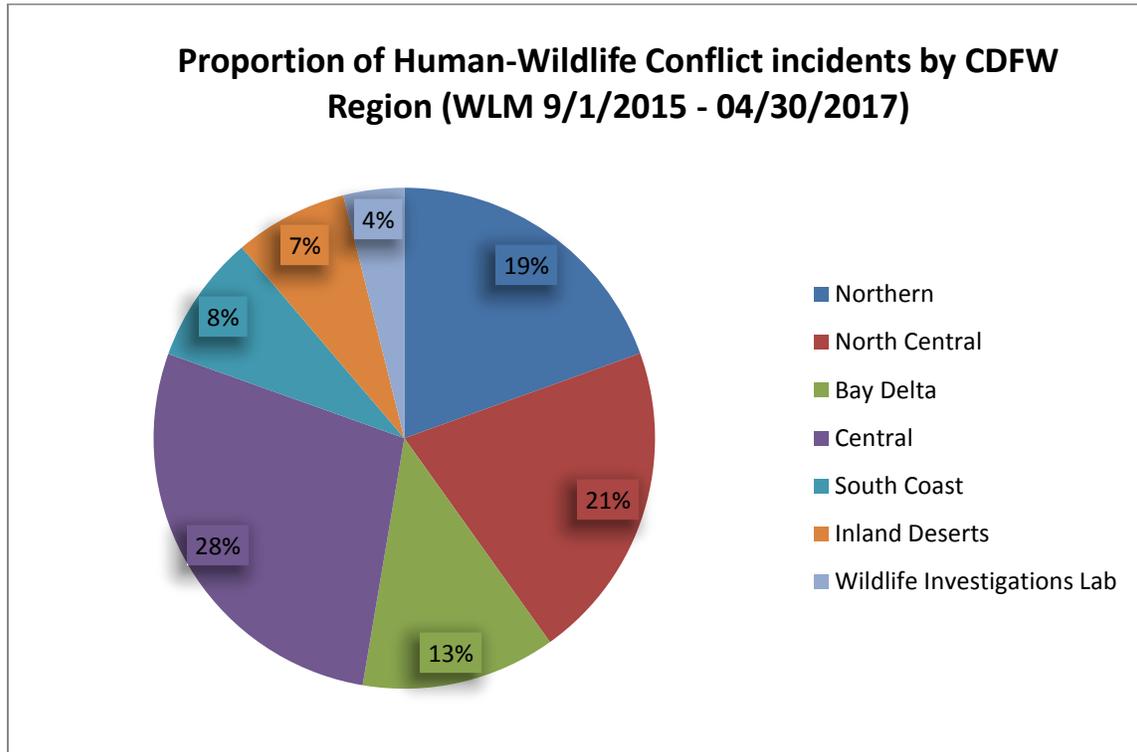


Figure 1. Proportion of Human-Wildlife Conflict related incidents recorded by the Department by Region

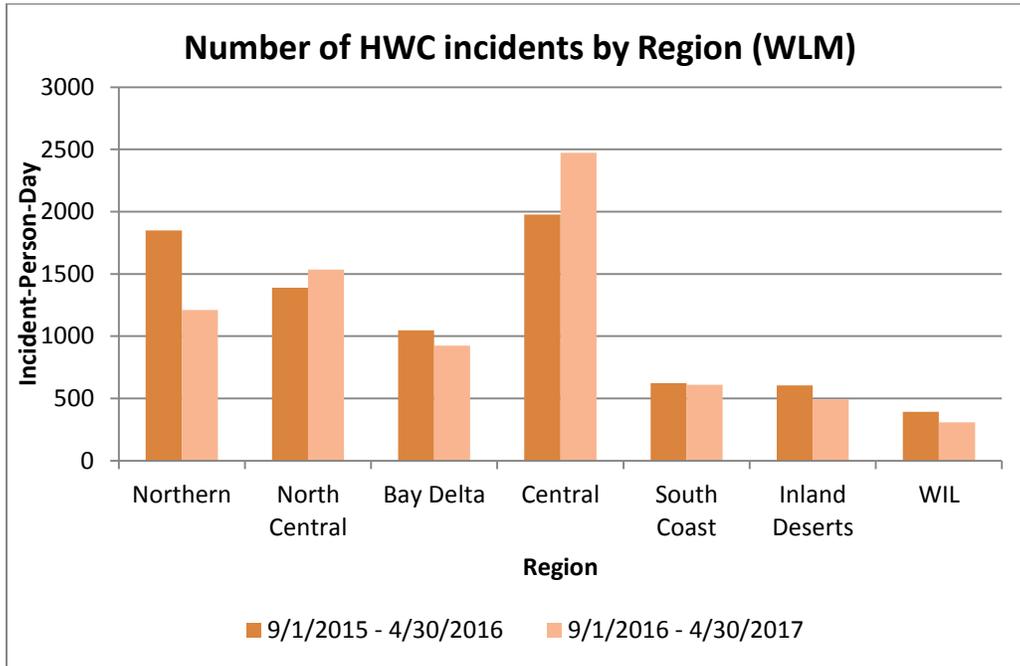


Figure 2. Temporal comparison of the number of HWC incidents responded to by Region in 2015-2017

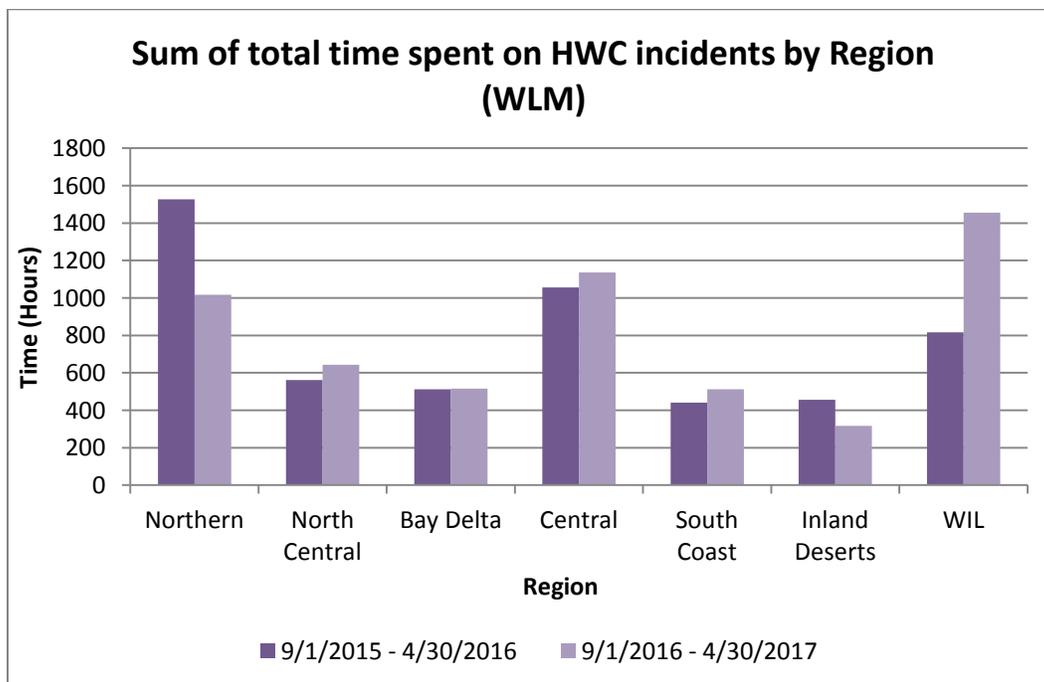


Figure 3. Temporal comparison of the sum of all time spent on HWC incidents by Region in 2015-2017

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Region	Public Safety	Perceived Public Safety	Property Damage	Animal Welfare	General Nuisance	Sighting	Grand Total
Northern	28	474	1214	1267	760	313	4056
North Central	26	406	1852	764	657	617	4322
Bay Delta	16	378	847	465	525	390	2621
Central	21	353	1781	1357	1236	977	5725
South Coast	21	142	256	363	553	396	1731
Inland Deserts	4	277	294	208	233	56	1072
WIL	71	33	119	454	52	5	734
Grand Total	187	2063	6363	4878	4016	2754	20261

Table 1. Number of incident types responded to by Region since 9/1/2015

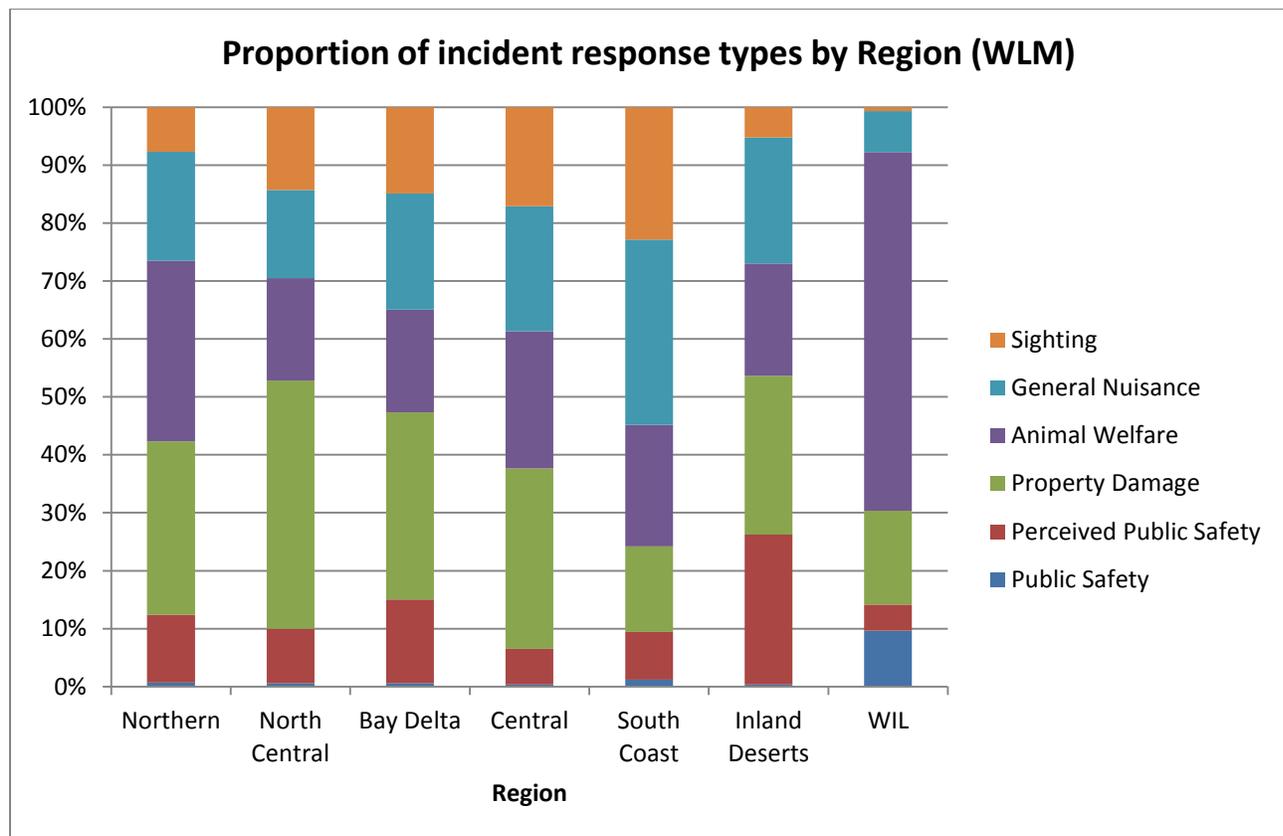


Figure 4. Proportion of incident response types responded to by Region since 9/1/2015

Region	Public Safety	Perceived Public Safety	Property Damage	Animal Welfare	General Nuisance	Sighting
Northern	1.23	0.73	0.96	0.88	0.55	0.75
North Central	0.58	0.53	0.83	0.75	0.32	0.30
Bay Delta	0.29	0.41	0.68	0.61	0.34	0.40
Central	1.71	0.42	0.58	0.65	0.36	0.30
South Coast	0.88	0.70	1.03	1.11	0.66	0.41
Inland Deserts	1.81	0.44	1.09	2.07	0.63	0.37
WIL	1.58	1.08	1.77	1.86	2.63	0.55

Table 2. Average time expended per incident by category (hours) since 9/1/2015

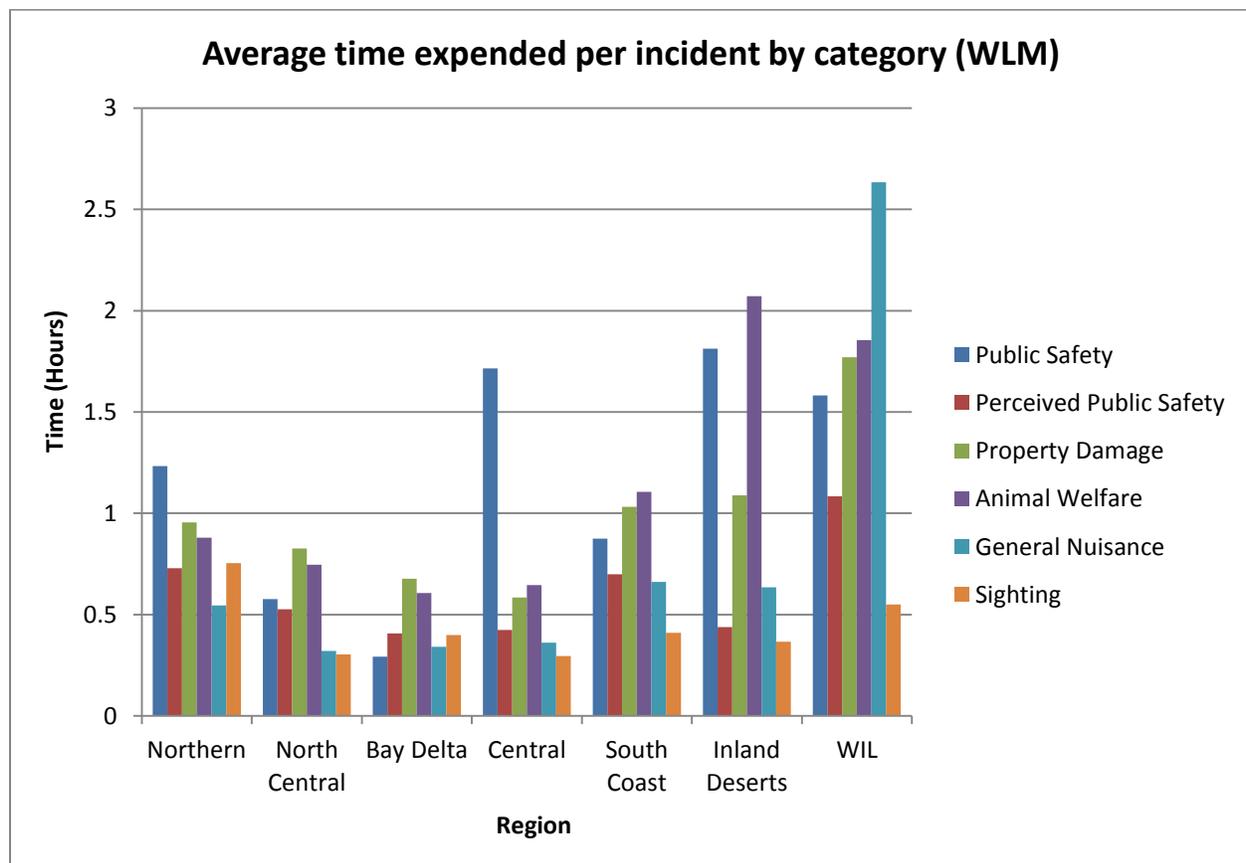


Figure 5. Average time expended per incident by category since 9/1/2015

Time claimed and time spent on HWC incidents 07/01/2016 -- 06/30/2017			
Region	Time claimed (hours)	Estimated time spent on incidents (hours)	Percentage of budget spent
Northern	290.75	1437.75	14.05%
North Central	1033.50	888.75	72.09%
Bay Delta	997.50	642.5	108.81%
Central	1102.25	1489.5	52.30%
South Coast	29.00	710.25	61.54%
Inland Deserts	193.75	525	66.85%
Wildlife Investigations Lab	591.25	1511.25	537.54%
Totals	4238.00	7205	77.26%

Table 3. Time claimed and time spent on HWC incidents 07/01/2016 – 06/30/2017

*Time claimed may exceed Estimated Time Spent on Incidents due to internal DRIP coordination.

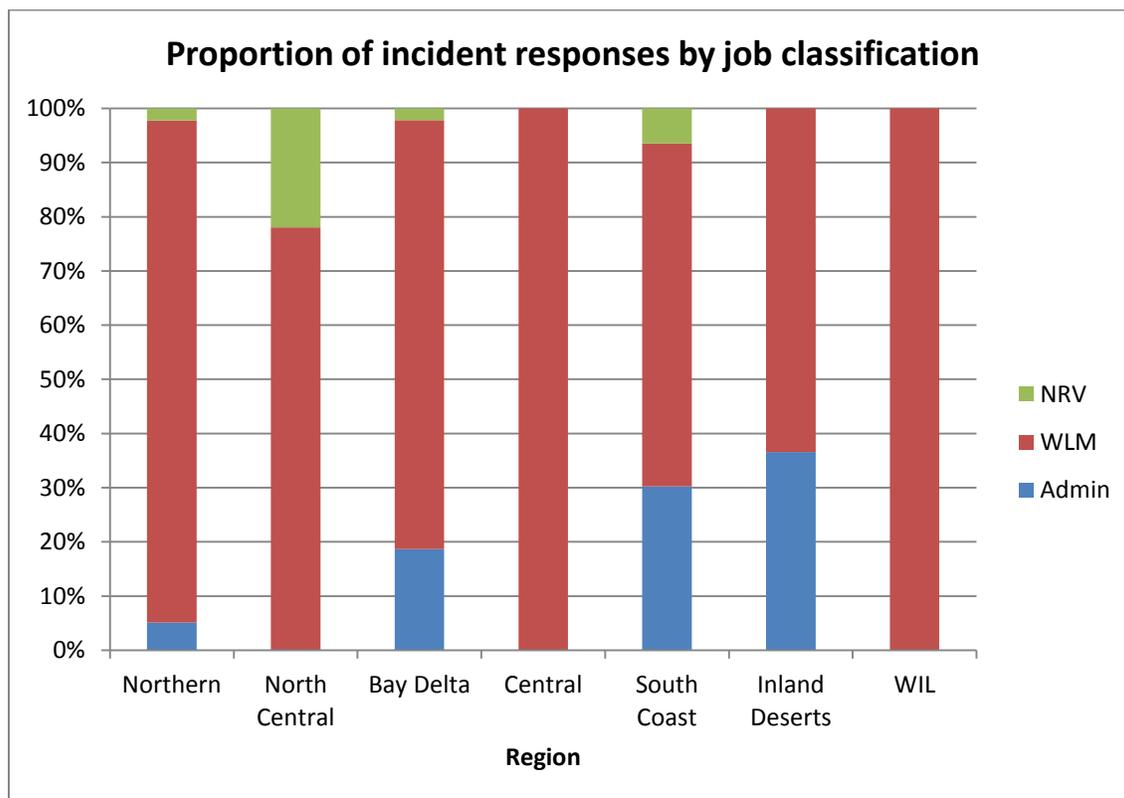


Figure 6. Proportion of HWC incident responses by CDFW job classification

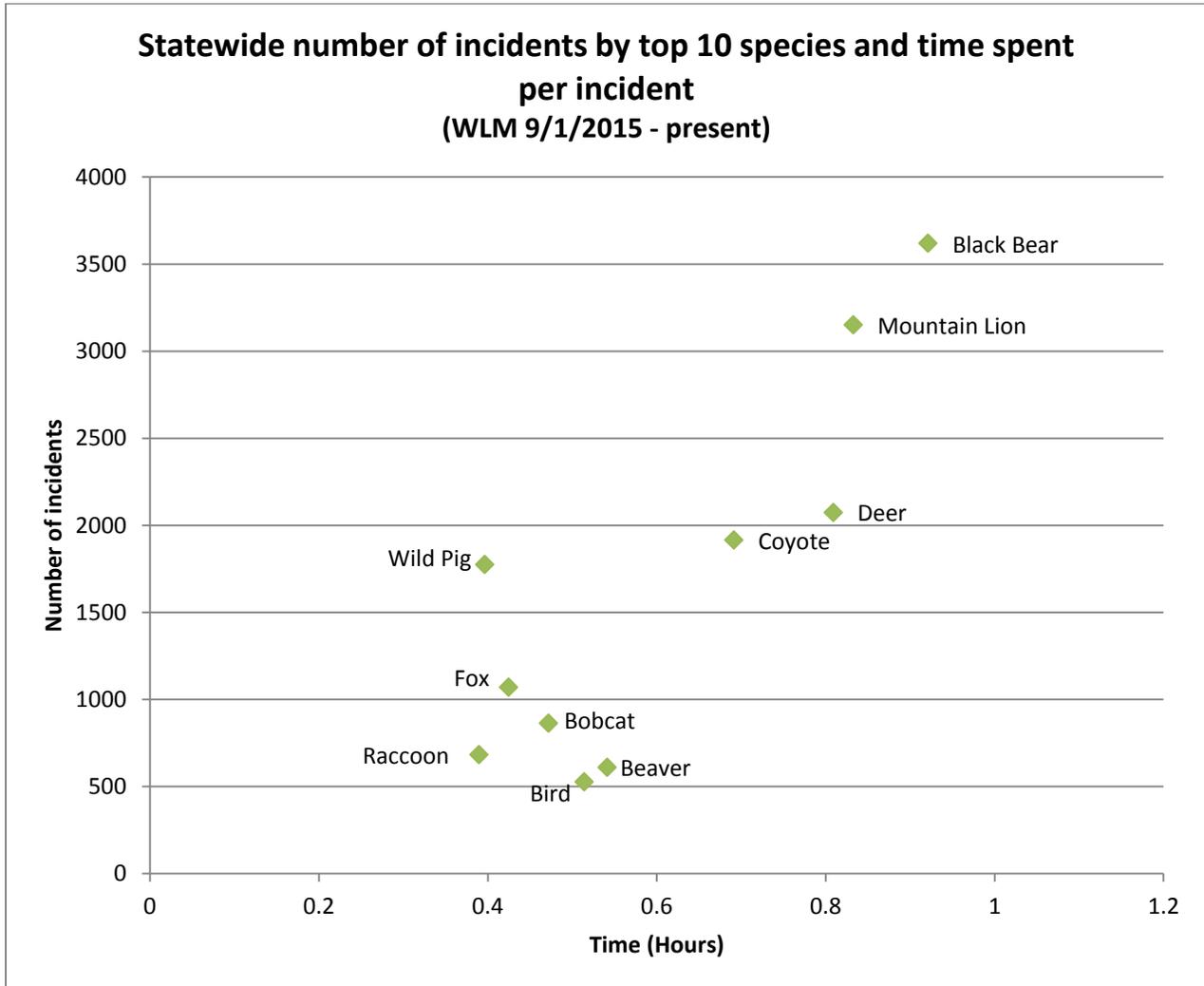


Figure 7. Top 10 species with the highest incident rates and time spent Statewide

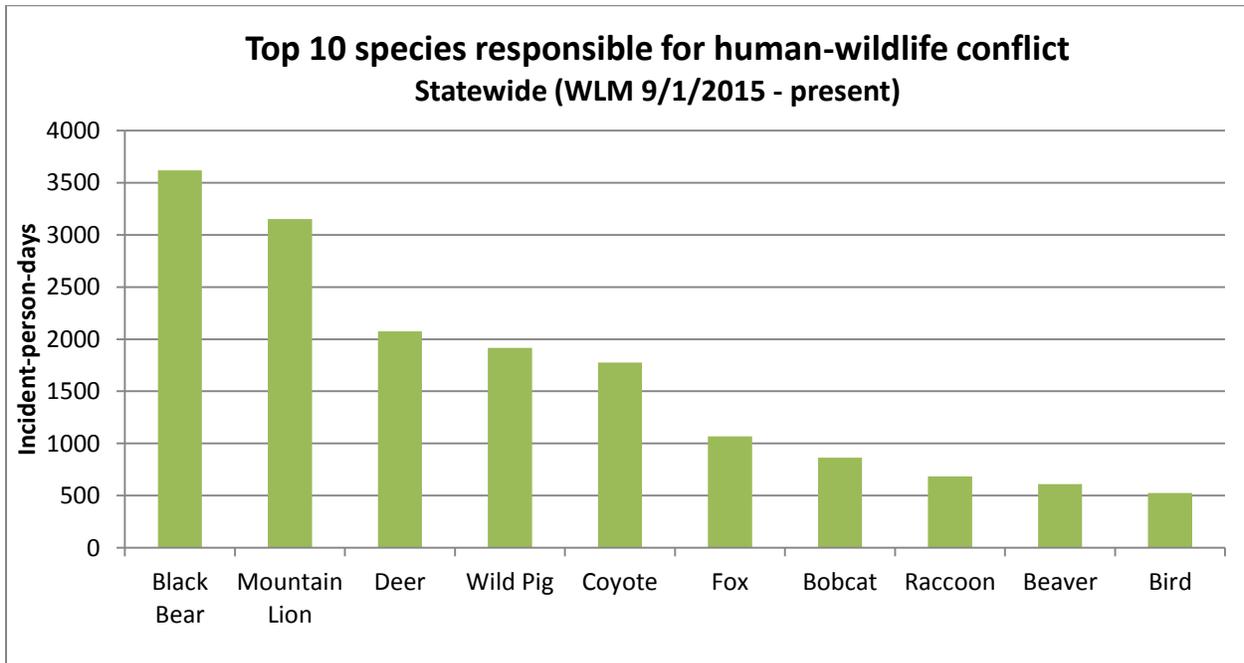


Figure 8. Top 10 species responsible for human-wildlife conflicts Statewide

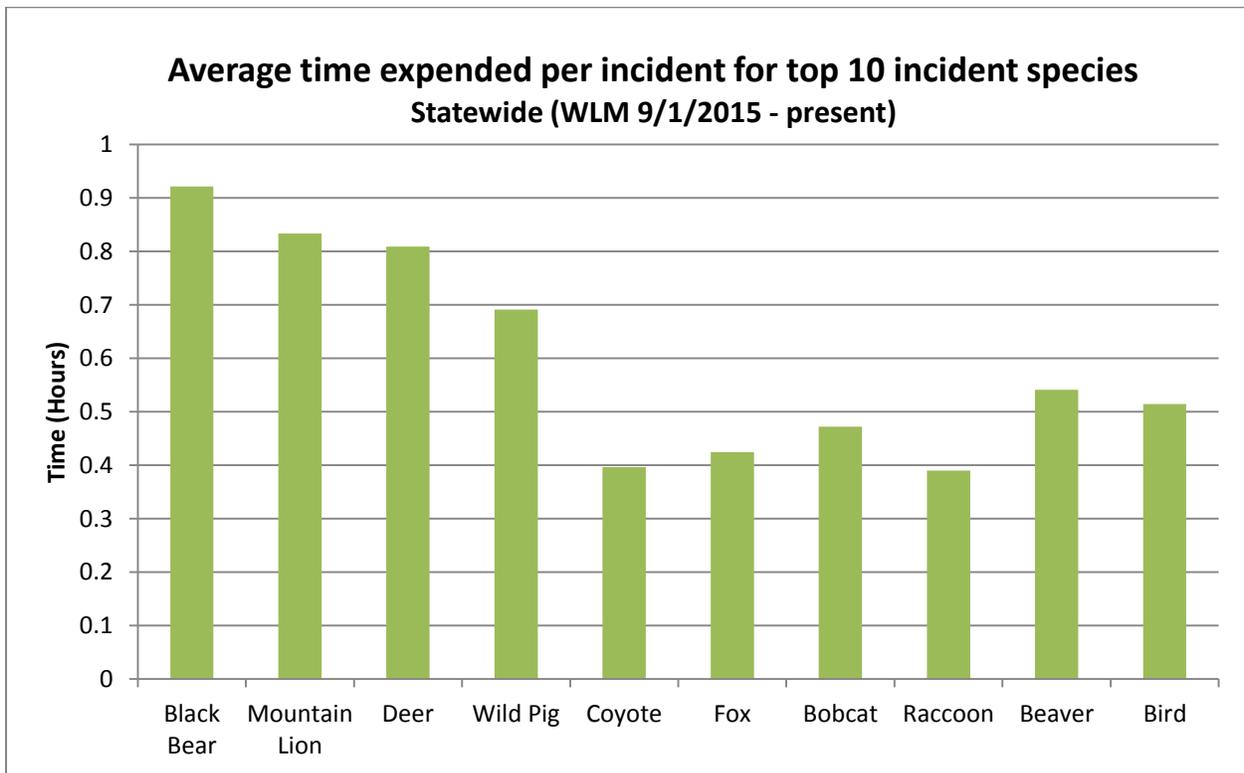


Figure 9. Average time expended per incident for top 10 species responsible for human-wildlife conflicts Statewide

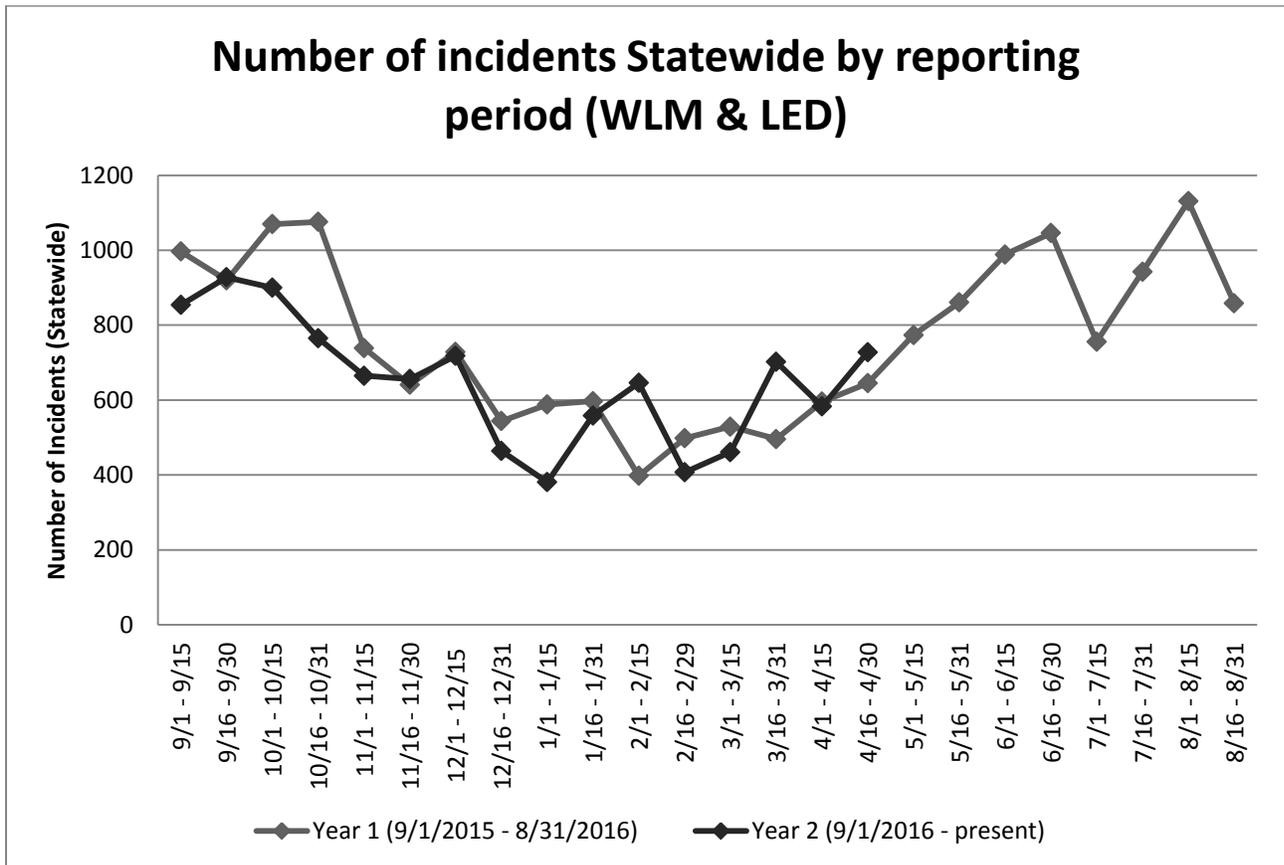


Figure 10. Number of HWC incidents CDFW has responded to during each reporting period

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HWC Data Statewide 9/1/2015 – 04/30/2017 (LED and WLM)					
County	Number of Incidents	Sum of Estimated Time Spent on Incidents (Hours)	County	Number of Incidents	Sum of Estimated Time Spent on Incidents (Hours)
Alameda	448	417.53	Riverside	1019	827.52
Alpine	38	37.25	Sacramento	588	577.91
Amador	225	213.17	San Benito	139	66.78
Butte	571	763.64	San Bernardino	647	840.86
Calaveras	320	370	San Diego	444	423.01
Colusa	163	167.73	San Francisco	36	24.5
Contra Costa	696	370.62	San Joaquin	176	126.49
Del Norte	286	438.21	San Luis Obispo	703	733.35
El Dorado	1115	946.81	San Mateo	348	503.92
Fresno	1180	1495.27	Santa Barbara	354	691.43
Glenn	86	159.86	Santa Clara	592	699.69
Humboldt	1201	1115	Santa Cruz	431	566.66
Imperial	6	5	Shasta	1210	1526.74
Inyo	130	172.48	Sierra	94	215.92
Kern	1866	1198.55	Siskiyou	651	1240.56
Kings	50	38.3	Solano	150	167.25
Lake	427	759.15	Sonoma	480	365.56
Lassen	219	278.58	Stanislaus	232	159
Los Angeles	1843	3651.5	Sutter	45	49.91
Madera	667	454.98	Tehama	411	407.21
Marin	119	66.21	Trinity	242	525.88
Mariposa	431	640.92	Tulare	839	824.13
Mendocino	905	1347.34	Tuolumne	509	582
Merced	430	384.75	Ventura	398	514.97
Modoc	129	273.73	Yolo	108	77.25
Mono	192	349.21	Yuba	121	170.46
Monterey	387	426.47	Grand Total	28063	33328.51
Napa	296	229.75			
Nevada	494	338.71			
Orange	1037	2224.19			
Placer	870	528.81			
Plumas	269	555.83			

Table 4. Combined data from Law Enforcement and Wildlife Management displaying the number of incidents and sum of estimated time spent on incidents for Human-Wildlife Conflicts statewide

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Drought map for Human Wildlife Conflicts:

<http://arcg.is/2m9HMPI>

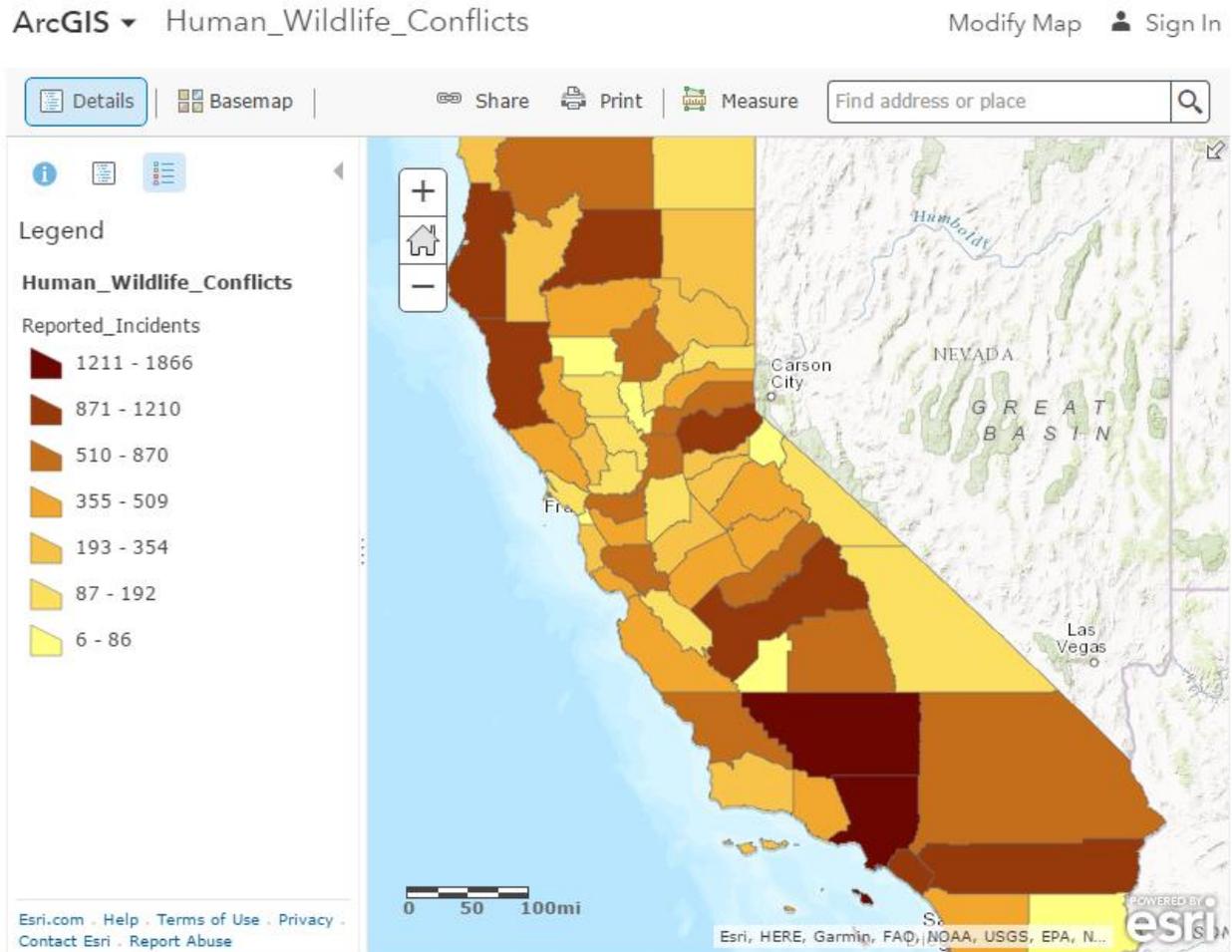


Figure 11. Depiction of the number of human-wildlife conflicts addressed by Law Enforcement and Wildlife Management within the CDFW since September 1, 2015