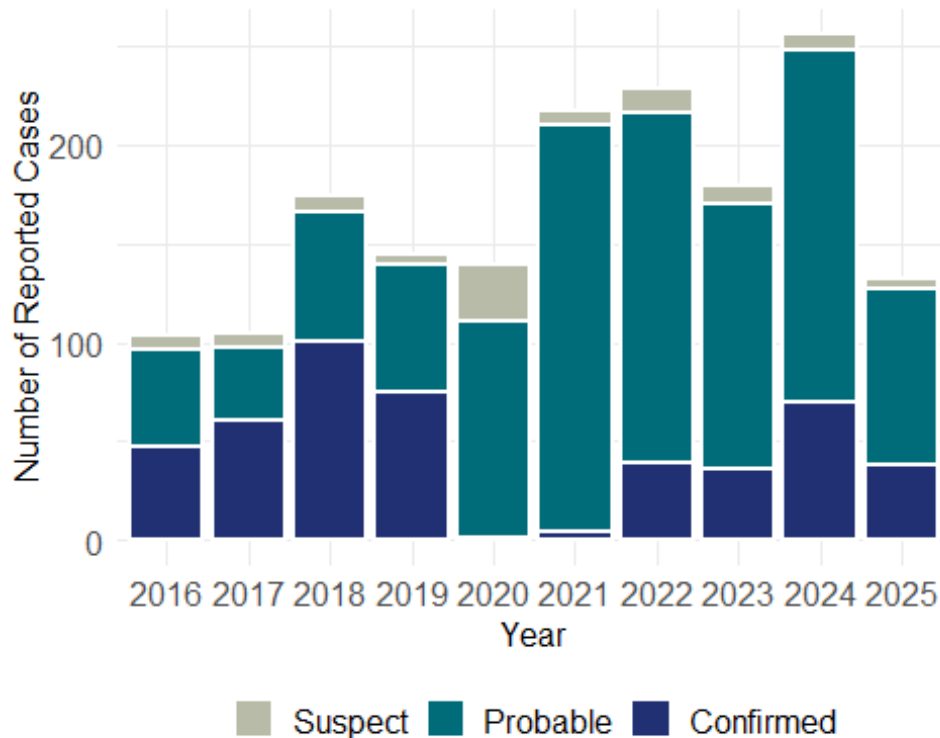


# Human Flea-Borne Typhus Cases in California

Vector-Borne Disease Section, California Department of Public Health

October 07, 2025

**Reported Typhus Cases, California, 2016 - 2025**



Classification	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Suspect	8	7	8	5	29	7	13	9	8	5
Probable	49	37	65	65	110	206	177	134	178	89
Confirmed	47	61	101	75	1	4	39	36	70	38

The case definition was updated in 2020, limiting the criteria for a confirmed case.

## **Typhus Case Definition** (CDPH working definition, 2020)

- **Confirmed:** A clinically compatible case (meets clinical criteria) that is laboratory confirmed.
- **Probable:** A clinically compatible case (meets clinical criteria) that has presumptive laboratory evidence and evidence of epidemiologic link.
- **Suspect:** A case with presumptive or confirmatory laboratory evidence of infection but no clinical information available, OR a clinically compatible cases (meets clinical criteria) that has evidence of epidemiologic link but no laboratory testing or equivocal laboratory evidence.

# Human Flea-Borne Typhus Cases by Year and County, California, 2016 – 2025

County	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total	Incidence
Alameda	0	1	0	0	0	0	1	0	0	0	2	0.01
Amador	1	0	0	0	0	0	0	0	0	0	1	0.27
Contra Costa	0	0	0	1	1	0	0	1	2	0	5	0.04
El Dorado	0	0	0	0	0	0	0	1	0	0	1	0.05
Fresno	0	1	0	0	0	0	1	0	0	0	2	0.02
Imperial	1	0	0	1	0	0	0	0	0	0	2	0.11
Los Angeles	83	87	149	118	114	177	191	143	214	99	1,375	1.35
Marin	0	0	0	0	1	0	0	0	1	0	2	0.08
Monterey	0	0	0	0	0	0	0	1	1	0	2	0.05
Orange	17	11	20	18	14	26	30	19	16	23	194	0.61
Placer	0	0	0	1	0	0	0	0	1	0	2	0.05
Riverside	1	0	0	1	1	9	5	7	3	3	30	0.13
Sacramento	0	1	0	0	0	1	0	0	0	0	2	0.01
San Bernardino	1	0	1	1	5	4	1	5	13	7	38	0.18
San Diego	0	2	2	1	1	0	0	1	3	0	10	0.03
San Francisco	0	0	0	0	0	0	0	0	1	0	1	0.01
San Mateo	0	0	1	0	0	0	0	0	0	0	1	0.01
Santa Barbara	0	0	0	0	1	0	0	0	0	0	1	0.02
Santa Clara	0	1	0	0	0	0	0	1	1	0	3	0.02
Santa Cruz	0	1	0	0	0	0	0	0	0	0	1	0.04
Shasta	0	0	1	0	0	0	0	0	0	0	1	0.06
Solano	0	0	0	0	1	0	0	0	0	0	1	0.02
Stanislaus	0	0	0	1	0	0	0	0	0	0	1	0.02
Sutter	0	0	0	0	1	0	0	0	0	0	1	0.10
Ventura	0	0	0	2	0	0	0	0	0	0	2	0.02
Total	104	105	174	145	140	217	229	179	256	132	1,681	0.43

Data includes all confirmed, probable and suspect cases as of October 07, 2025. Cases are reported based on county of residence. Most northern California cases have travel-related exposure to southern California or no travel information available. Flea-borne typhus has not been detected to date in northern California.