

Presentation to Yosemite Stanislaus Solutions



January 17, 2025

Presentation Outline:

- What is the Forestry Challenge?
- 2024 Statistics
- Championship Information
- Q & A





What is the Forestry Challenge?



The Forestry Challenge is an academic competition for high school students in technical forestry and current forestry topics. Participants spend four days in the forest for an intensive field introduction to forest management. Focus topics are tailored to each event, and include silviculture, vegetation and fuels, and forest inventory.



Goal #1: Teach students the basic principles of forestry, connecting classroom math and science to hands-on experiences with real-world applications, enabling them to make recommendations about natural resource management.



Determining Basal Area



Measuring Tree Diameter



Determining Tree Species



Measuring Tree Height



Assessing Growth



Goal #2: Give students the opportunity to explore careers by interacting with natural resource professionals including foresters from public agencies, private industry, and other organizations.



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Goal #3: Provide an opportunity for a diverse student population to experience outdoor recreation and develop an appreciation of the forest and its benefits to all.



**Volleyball
at Shasta**



**Go Carts at
El Dorado**



**Banana Slugs
at Santa Cruz**

**Ziplining at
San Bernardino**





2024 Fall Event Statistics:

- 576 Students (56% female)
- 71 Schools
- 116 Teachers and Chaperones
- 200 Volunteers donated over 2,700 hours
- \$133,426 total volunteer in-kind value
- 3 grants – Wildfire Prevention, Workforce Development, and USFS Forest Stewardship
- 40 Sponsors
- 35 of the 141 teams scored at least a 200/250 and are invited to the Championship event, April 23 to 25 in Pinecrest

Event	Students
Shasta	118*
Santa Cruz	80
El Dorado	139*
San Bern 1	135*
San Bern 2	104
Fall Total	576
Champs	120*
2024 Total	696

* record breaking
for that event

Championship



Shasta



Santa Cruz



**FORESTRY
CHALLENGE**

2024

El Dorado



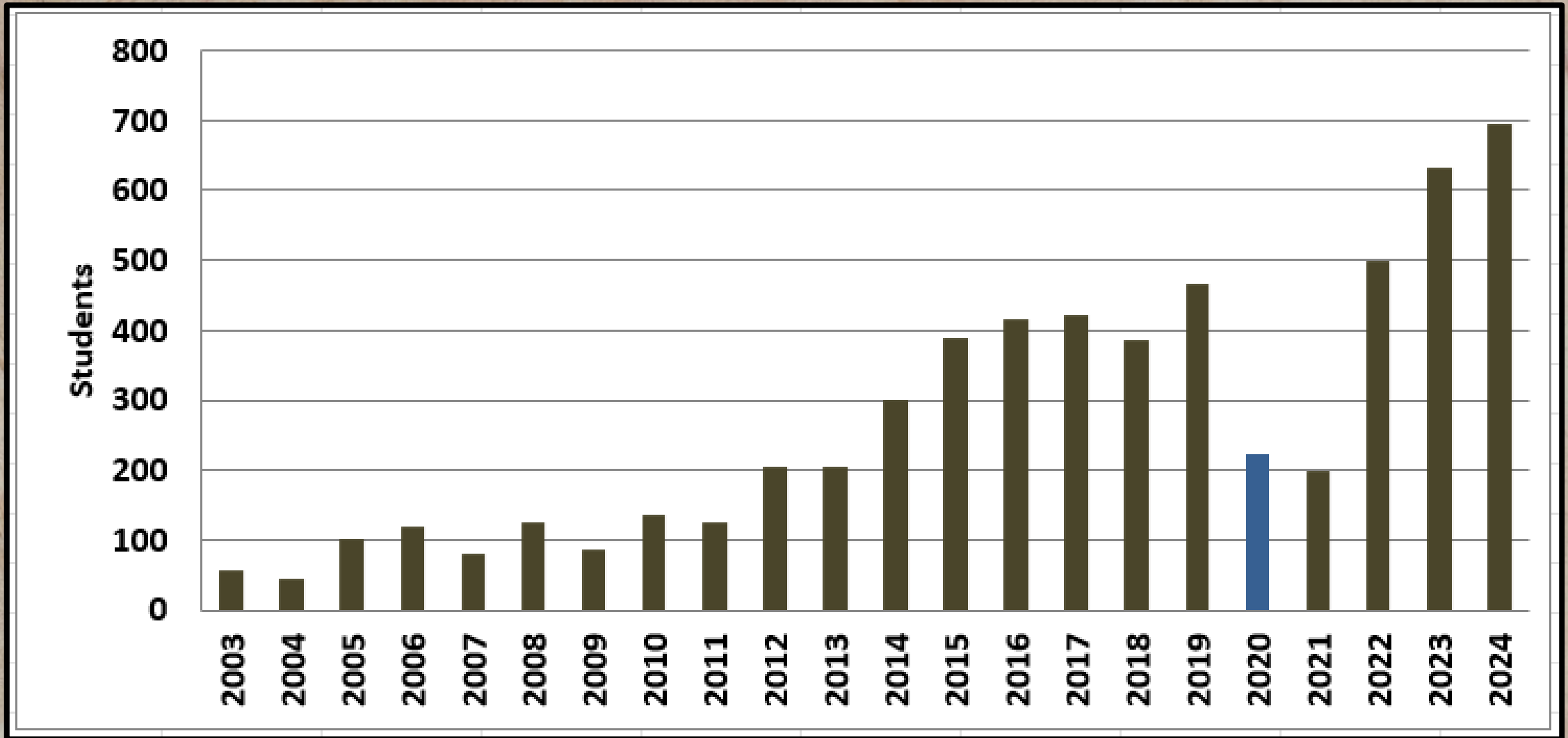
San Bernardino Session 1



San Bernardino Session 2



Growth Since 2003



Championship Information

- Wednesday through Friday April 23 to 25
- Camp Sylvester in Pinecrest
- 35 teams from 20 schools invited
- 24 yes, 6 no, 5 undecided
- Mill tours offered before and after
- **Volunteers Needed!**



Rank	Score	School	From (County)	Event
1	226.4	Foresthill High School, Team 12	Foresthill (Placer)	El Dorado
2	223.8	Golden Sierra High School, Team 6	Garden Valley (El Dorado)	El Dorado
3	221.3	Granada Hills Charter High School, Team 26	Granada Hills (Los Angeles)	El Dorado
4	216.3	Charter Oak High School, Team 11	Covina (Los Angeles)	San Bernardino 1
5	215.3	El Dorado High School, Team 3	Placerville (El Dorado)	El Dorado
6	215.1	Oxford Academy High School, Team 24	Cypress (Orange)	San Bernardino 2
7	214.5	Golden Sierra High School, Team 7	Garden Valley (El Dorado)	El Dorado
8	214.3	Granada Hills Charter High School, Team 21	Granada Hills (Los Angeles)	San Bernardino 2
9	213.7	Oceanside High School, Team 18	Oceanside (San Diego)	San Bernardino 2
10	213.4	Oak Ridge High School, Team 37	El Dorado Hills (El Dorado)	El Dorado
11	213.3	Granada Hills Charter High School, Team 27	Granada Hills (Los Angeles)	El Dorado
12	212.7	Granada Hills Charter High School, Team 14	Granada Hills (Los Angeles)	Santa Cruz
13	212.4	Mira Loma High School, Team 29	Arden-Arcade (Sacramento)	El Dorado
14	210.8	Palisades Charter High School, Team 11	Pacific Palisades (Los Angeles)	San Bernardino 2
15	210.0	Woodside High School, Team 9	Woodside (San Mateo)	Santa Cruz
16	209.8	Foresthill High School, Team 11	Foresthill (Placer)	El Dorado
17	209.7	Adolfo Camarillo High School, Team 1	Camarillo (Ventura)	San Bernardino 2
18	209.1	Palisades Charter High School, Team 12	Pacific Palisades (Los Angeles)	San Bernardino 2
19	207.7	Grant Union High School, Team 13	Sacramento (Sacramento)	Shasta
20	207.4	Mariposa High School, Team 17	Mariposa (Mariposa)	Shasta
21	207.2	Palisades Charter High School, Team 10	Pacific Palisades (Los Angeles)	San Bernardino 2
22	207.0	West Campus High School, Team 20	Sacramento (Sacramento)	Santa Cruz
23	206.4	Charter Oak High School, Team 12	Covina (Los Angeles)	San Bernardino 1
24	206.0	Benicia High School, Team 4	Benicia (Solano)	Santa Cruz
25	205.3	El Dorado High School, Team 2	Placerville (El Dorado)	El Dorado
26	204.3	Vista Del Lago High School, Team 20	Folsom (Sacramento)	El Dorado
27	204.0	Granada Hills Charter High School, Team 13	Granada Hills (Los Angeles)	Santa Cruz
28	203.4	Mira Loma High School, Team 28	Arden-Arcade (Sacramento)	El Dorado
29	200.9	John F Kennedy High School, Team 20	Granada Hills (Los Angeles)	San Bernardino 1
30	200.7	Grant Union High School, Team 14	Sacramento (Sacramento)	Shasta
31	200.4	Piedmont High School, Team 9	Piedmont (Alameda)	El Dorado
32	200.3	Vista Del Lago High School, Team 21	Folsom (Sacramento)	El Dorado
33	199.8	Cordova High School, Team 10	Rancho Cordova (Sacramento)	Shasta
34	199.7	Oak Ridge High School, Team 36	El Dorado Hills (El Dorado)	El Dorado
35	199.5	Oxford Academy High School, Team 23	Cypress (Orange)	San Bernardino 2

Questions?

