

JOAD NATIONALS STATISTICS 2003 - 2009

											ALL NUMBERS ROUNDED UP				
				PA	OK City	Chula Vista	Ohio	Orlando	Conyers	Denver			Average	Potential	Based on Denver
Class	Gender	Distance	Division	2009	2008	2007	2006	2005	2004	2003	Average No. of Archers	Potential Archers	No. of Targets	No. of Targets	No. of Targets
													AB/CD	AB/CD	AB/CD
1	Bow	M	30m C	6	14	13	10	5	14	11	11.0	14.0			
2	Bow	F	30m C	6	8	4	2	4	1	5	5.0	8.0			
Bowman Compound				12	22	17	12	9	15	16	15.0	22.0	4.0	6.0	4.0
3	Bow	M	30m R	24	10	3	15	16	19	20	16.0	24.0			
4	Bow	F	30m R	14	8	8	10	4	10	15	10.0	15.0			
Bowman Recurve				38	18	11	25	20	29	35	26.0	39.0	7.0	10.0	9.0
Bowman Total				50	40	28	37	29	44	51	40.0	61.0			
5	Cub	M	50m C	15	12	5	10	12	9	9	11.0	15.0			
6	Cub	F	50m C	6	14	2	5	1	8	8	7.0	14.0			
Cub Compound				21	26	7	15	13	17	17	17.0	29.0	5.0	8.0	5.0
7	Cub	M	50m R	22	12	11	15	22	28	28	20.0	28.0			
8	Cub	F	50m R	15	2	6	15	15	18	20	13.0	20.0			
Cub Recurve				37	14	17	30	37	46	48	33.0	48.0	9.0	12.0	12.0
Cub Total				58	40	24	45	50	63	65	50.0	77.0			
9	Cadet	F	60m C	8	7	5	8	5	3	10	7.0	10.0	2.0	3.0	3.0
10	Cadet	M	70m C	17	14	7	23	15	15	23	17.0	23.0	5.0	6.0	6.0
Cadet Compound				25	21	12	31	20	18	33	23.0	33.0			
11	Cadet	F	60m R	31	15	20	16	25	31	24	24.0	31.0	6.0	8.0	6.0
12	Cadet	M	70m R	24	21	16	31	34	26	26	26.0	31.0	7.0	8.0	7.0
Cadet Recurve				55	36	36	47	59	57	50	49.0	62.0			
Cadet Total				80	57	48	78	79	75	83	72.0	95.0			
13	Junior	F	70m C	15	11	8	7	6	12	11	10.0	15.0	3.0	4.0	3.0
14	Junior	M	90m C	16	15	17	15	13	21	13	16.0	21.0	4.0	6.0	4.0
Junior Compound				31	26	25	22	19	33	24	26.0	36.0			
15	Junior	F	70m R	22	18	21	21	19	21	25	21.0	25.0	6.0	7.0	7.0
16	Junior	M	90m R	18	18	29	26	17	28	26	24.0	29.0	6.0	8.0	7.0
Junior Recurve				40	36	50	47	36	49	51	45.0	54.0			
Junior Total				71	62	75	69	55	82	75	70.0	90.0			
Total Attendance				259	199	175	229	213	264	274	231.0	323.0	64.0	86.0	73.0
Compound Total				89	95	61	80	61	83	90	80.0	120.0			
Recurve Total				170	104	114	149	152	181	184	151.0	203.0			
GENERAL RULE:				34%	48%	35%	35%	29%	31%	33%	65%	63%	2/3 RECURVE AND 1/3 COMPOUND		

Targets Based on Average Attendance				Target Resources needed			
90m	10.0	Field 1	31.0	Conclusion: Field 1 should have minimum 32 targets to accommodate OR Round	65.0 Competition 12.0 Practice 5.0 Spares		
70m	21.0						
60m	8.0	Field 2	33.0			Conclusion: Field 2 could have 33 targets to accommodate Qualification Round	82.0 Total
50m	14.0						
30m	11.0						
Total	64.0	Average might work for next North Rotation as Ohio had 229 archers					

Targets Based on Potential Attendance (highest entries/category in any year)				Target Resources needed			
90m	14.0	Field 1	39.0	Conclusion: Field 1 could have 39 targets to accommodate the Qualification Round	86.0 Competition 12.0 Practice 5.0 Spares		
70m	25.0						
60m	11.0	Field 2	47.0			Conclusion: Field 2 could have 47 targets to accommodate the Qualification round	103.0 Total
50m	20.0						
30m	16.0						
Total	86.0	Might be needed if JOAD suddenly grows or starts drawing from NASP kids					

Targets Based on Denver Attendance				Target Resources needed			
90m	11.0	Field 1	34.0	Conclusion: Field 1 could have 34 targets to accommodate the Qualification Round	73.0 Competition 12.0 Practice 5.0 Spares		
70m	23.0						
60m	9.0	Field 2	39.0			Conclusion: Field 2 could have 39 targets to accommodate the Qualification round	90.0 Total
50m	17.0						
30m	13.0						
Total	73.0	Conclusion: Denver is a reasonable model for initial planning					

Notes:

- Add 8 targets for a minimal Practice Range: ie 1 target for each distance (90, 70, 60, 50, 40, 30, 25, 20)
- Add 12 targets for a Practice Range that handles all different target faces (90-122cm, 70-122cm, 60-122cm, 50-122cm, 50-80cm, 40-122cm, 40-80cm, 30-122cm, 30-80cm, 25-122cm, 25-80cm, 20-80cm)
- Have 5 additional targets for replacements, as well as, arrow stop mats to put behind targets that have pass-thru problems
- All butts/matts must accommodate 122cm target faces so they can be used anywhere during the tournament
- Plan for easily penetrated and easy pull target butts for the Bowman categories to reduce bounce-outs and adult help needed
- Separate Fields should accommodate a minimum of 32 targets wide to handle the OR rounds