

## 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			
<b>Bowman Compound</b>				<b>12</b>	<b>22</b>	<b>17</b>	<b>12</b>	<b>9</b>	<b>15</b>	<b>16</b>	<b>15.0</b>	<b>22.0</b>	<b>4.0</b>	<b>6.0</b>	<b>4.0</b>
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			
<b>Bowman Recurve</b>				<b>38</b>	<b>18</b>	<b>11</b>	<b>25</b>	<b>20</b>	<b>29</b>	<b>35</b>	<b>26.0</b>	<b>39.0</b>	<b>7.0</b>	<b>10.0</b>	<b>9.0</b>
<b>Bowman Total</b>				<b>50</b>	<b>40</b>	<b>28</b>	<b>37</b>	<b>29</b>	<b>44</b>	<b>51</b>	<b>40.0</b>	<b>61.0</b>			
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			
<b>Cub Compound</b>				<b>21</b>	<b>26</b>	<b>7</b>	<b>15</b>	<b>13</b>	<b>17</b>	<b>17</b>	<b>17.0</b>	<b>29.0</b>	<b>5.0</b>	<b>8.0</b>	<b>5.0</b>
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			
<b>Cub Recurve</b>				<b>37</b>	<b>14</b>	<b>17</b>	<b>30</b>	<b>37</b>	<b>46</b>	<b>48</b>	<b>33.0</b>	<b>48.0</b>	<b>9.0</b>	<b>12.0</b>	<b>12.0</b>
<b>Cub Total</b>				<b>58</b>	<b>40</b>	<b>24</b>	<b>45</b>	<b>50</b>	<b>63</b>	<b>65</b>	<b>50.0</b>	<b>77.0</b>			
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
<b>Cadet Compound</b>				<b>25</b>	<b>21</b>	<b>12</b>	<b>31</b>	<b>20</b>	<b>18</b>	<b>33</b>	<b>23.0</b>	<b>33.0</b>			
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
<b>Cadet Recurve</b>				<b>55</b>	<b>36</b>	<b>36</b>	<b>47</b>	<b>59</b>	<b>57</b>	<b>50</b>	<b>49.0</b>	<b>62.0</b>			
<b>Cadet Total</b>				<b>80</b>	<b>57</b>	<b>48</b>	<b>78</b>	<b>79</b>	<b>75</b>	<b>83</b>	<b>72.0</b>	<b>95.0</b>			
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
<b>Junior Compound</b>				<b>31</b>	<b>26</b>	<b>25</b>	<b>22</b>	<b>19</b>	<b>33</b>	<b>24</b>	<b>26.0</b>	<b>36.0</b>			
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
<b>Junior Recurve</b>				<b>40</b>	<b>36</b>	<b>50</b>	<b>47</b>	<b>36</b>	<b>49</b>	<b>51</b>	<b>45.0</b>	<b>54.0</b>			
<b>Junior Total</b>				<b>71</b>	<b>62</b>	<b>75</b>	<b>69</b>	<b>55</b>	<b>82</b>	<b>75</b>	<b>70.0</b>	<b>90.0</b>			
<b>Total Attendance</b>				<b>259</b>	<b>199</b>	<b>175</b>	<b>229</b>	<b>213</b>	<b>264</b>	<b>274</b>	<b>231.0</b>	<b>323.0</b>	<b>64.0</b>	<b>86.0</b>	<b>73.0</b>
<b>Compound Total</b>				89	95	61	80	61	83	90	80.0	120.0			
<b>Recurve Total</b>				170	104	114	149	152	181	184	151.0	203.0			
				34%	48%	35%	35%	29%	31%	33%	35%	37%	<b>GENERAL RULE: 2/3 RECURVE AND 1/3 COMPOUND</b>		
				66%	52%	65%	65%	71%	69%	67%	65%	63%			

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				
70m	21.0										
60m	8.0	Field 2	33.0					Conclusion: Field 2 could have 33 targets to accommodate Qualification Round		12.0	Practice
50m	14.0										
30m	11.0										
<b>Total</b>	<b>64.0</b>	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				
70m	25.0										
60m	11.0	Field 2	47.0					Conclusion: Field 2 could have 47 targets to accommodate the Qualification round		12.0	Practice
50m	20.0										
30m	16.0										
<b>Total</b>	<b>86.0</b>	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				
70m	23.0										
60m	9.0	Field 2	39.0					Conclusion: Field 2 could have 39 targets to accommodate the Qualification round		12.0	Practice
50m	17.0										
30m	13.0										
<b>Total</b>	<b>73.0</b>	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