

Ontario Christian High School Knights
 2008 Varsity Baseball Statistics
 Pitching: Balls and Strikes - 20 Games

R031 Date 042008
 Time 2051
 Rev --

Ln	Category	(A)	(B)		(C)		(D)	
		BF	Balls Count	Avg	Strikes Count	Avg	Pitches Count	Avg
1	All Batters	644*	903	1.4	1360*	2.1	2263*	3.5
2	Walks	68*	272	4.0*				
3	Non-Walks	576	631	1.1				
4	Strikeouts	106*			329	3.1		
5	Non-K's	538			1031	1.9		
6	Walks	68	272	4.0	129	1.9	401	5.9
7	Strikeouts	106	117	1.1	329	3.1	446	4.2
8	Other (PIP, HBP)	470	514	1.1	902	1.9	1416	3.0
9	Totals (Line 1)	644	903	1.4	1360	2.1	2263	3.5

Observations:

It takes 5.9 pitches to walk a batter. (Avg is full count + ball 4)
 It takes 4.2 pitches to strike out a batter. (Avg 1-2 count + strike 3)
 It takes 3.0 pitches to hit a batter, or for the batter to
 put the ball in play. (Average is 1-1 count + 1 pitch)
 About twice as many pitches are required to walk a batter,
 versus making the batter put the ball in play (5.9 vs 3.0).

Remember that strikes include foul balls. JLB

Symbols: * Actual Numbers, Constants PIP Put In Play
 v Average per Batter, e.g., D1v = D1 / A1

1. B1 = D1-C1 Balls = Pitches - Strikes
2. B2 = A2x4 Balls to Walkers = Walks x 4
3. A3 = A1-A2 Non-Walkers = All Batters - Walkers
4. B3 = B1-B2 Balls to Non-Walkers = Total Balls - Balls to Walkers
5. A5 = A1-A4 Non-Strikeouts = All Batters - Strikeouts
6. C4 = A4x(C1v+1) Strikeout Strikes = Strikeouts x
 (Avg Strikes per BF +1) 3 Min.
7. C5 = C1-C4 Non-Strikeout Strikes = All Strikes - Strikeout Strikes
8. C6 = A6xC5v Strikes to Walkers = Walkers x Avg Strikes per Non-K'er
9. D6 = B6+C6 Pitches to Walkers = Balls to Walkers+Strikes to Walkers
10. B7 = A7xB3v Balls to K'ers = Strikeouts x Avg Balls to Non-Walkers
11. C7 = C4 Strikeout Strikes (See Step 6)
12. D7 = B7+C7 Pitches to K'ers = Balls to K'ers + Strikes to K'ers
13. A8 = A1-A6-A7 = Other Batters = All Batters - Walks - Strikeouts
14. B8 = B1-B6-B7 = Other Balls
15. C8 = C1-C6-C7 = Other Strikes
16. D8 = D1-D6-D7 = Other Total Pitches JLB