

## First Glance Reaction Time - Table 1

Distances in Feet		Radar Gun Speed in mph					
Distance to Mound	Distance Used	50 mph	60 mph	70 mph	80 mph	90 mph	100 mph
60.5 feet High School, College and Pro	60.5 feet	0.825 sec	0.688 sec	0.589 sec	0.516 sec	0.458 sec	0.413 sec
54 feet 13-14 Pony	54 feet	0.736 sec	0.614 sec	0.526 sec	0.460 sec	n/a	n/a
46 feet 11-12 Major	46 feet	0.627 sec	0.523 sec	0.448 sec	n/a	n/a	n/a
40 feet 7-10 PeeWee Minor	40 feet	0.545 sec	0.455 sec	n/a	n/a	n/a	n/a

## Realistic Reaction Time - Table 2

*Adjusted for pitcher's stride and release point, hitter's contact point, and pitch speed reduction to plate.*

Distances in Feet		Speed in mph					
Distance to Mound	Distance From Pitcher's Hand to Bat Contact	50 mph (46/47/47/48 mph)	60 mph (56/57/57/58 mph)	70 mph (66/67/67 mph)	80 mph (76/77 mph)	90 mph (86 mph)	100 mph (96 mph)
60.5 feet High School, College and Pro	53.5 feet	0.793 sec	0.651 sec	0.553 sec	0.480 sec	0.424 sec	0.380 sec
54 feet 13-14 Pony	47 feet	0.682 sec	0.562 sec	0.478 sec	0.416 sec	n/a	n/a
46 feet 11-12 Major	40 feet	0.580 sec	0.478 sec	0.407 sec	n/a	n/a	n/a
40 feet 7-10 PeeWee Minor	35 feet	0.497 sec	0.411 sec	n/a	n/a	n/a	n/a