

Calcuate Table Of Standard Ground Size And Area

Category	Length(cm)	Width(cm)	Linewidth(cm)	Area(sqm)
5-Man Soccer Field	4000(2500-4200)	2000(1500-2500)	8	800
	$4000+[200(\text{buffer zone})\times 2]=4400$	$2000+[100(\text{buffer zone})\times 2]=2200$	(linewidth included)	968
7-Man Soccer Field	6500(5000-7000)	4500(4000-5000)	10	2925
	$6500+[200(\text{buffer zone})\times 2]=6900$	$4500+[200(\text{buffer zone})\times 2]=4700$	(linewidth included)	3234
11-Man Soccer Field	10500(10000-11000)	6800(6400-7500)	12	7140
	$10500+[200(\text{buffer zone})\times 2]=10900$	$6800+[200(\text{buffer zone})\times 2]=7000$	(linewidth included)	7630
Tennis Yard	2377	1097	10(base line) 5(side line)	260.76
	$2377+[640(\text{buffer zone})\times 2]=3657$	$1097+[365(\text{buffer zone})\times 2]=1827$	(linewidth included)	668.134
Basketball Court	2800	1500	5	420
	$2800+[200(\text{buffer zone})\times 2]=3200$	$1500+[200(\text{buffer zone})\times 2]=1900$	(linewidth included)	608
Volleyball Court	1800	900	10	162
	$1800+[900(\text{buffer zone})\times 2]=3600$	$900+[600(\text{buffer zone})\times 2]=2100$	(linewidth included)	756
Badminton Court	Singles $1340+[200(\text{buffer zone})\times 2]=2140$	Singles $518+[400(\text{buffer zone})\times 2]=1318$	4	282.052
	Doubles $1340+[200(\text{buffer zone})\times 2]=2140$	Doubles $610+[400(\text{buffer zone})\times 2]=1410$	(linewidth included)	301.74
Hockey Field	9140	5500	7.5	5027
	$9140+[200(\text{buffer zone})\times 2]=9540$	$5500+[100(\text{buffer zone})\times 2]=5700$	(linewidth included)	5437.8
Handball Field	4000	2000	5	800
	$4000+[200(\text{buffer zone})\times 2]=4400$	$2000+[100(\text{buffer zone})\times 2]=2200$	(linewidth included)	968