

How To Use the TGR Calculator

- 1 The TGR Calculator is designed to be a quick and easy way of generating TGR's for an Area. The calculator expresses the TGR in two ways, Teams per 1000 population , and Population needed to generate a single team.

- 2 TGR's are based on the actual number of the local population of an area which is within that age group, these are called Active Age Groups. The Calculator will provide TGR's per age group. All you need to do is input the following information;
 - a. Census Population totals for each your Local Authority Area.
 - b. Number of Teams within each Age Group for each sport.

The calculator has been designed to minimise the amount of information you have to input. The cells that need to be filled in with data, are all highlighted in Yellow. Once these cells have been filled in, the caluator will automatically generate the other figures.

- 4 First step is to fill in the census population totals for your Area. This information can be accessed form the Office of National Statistics Web site. <http://www.statistics.gov.uk/>. From the Census 2001 section you will be able to find your areas population breakdown form the Local Authority profiles. Copy these figures into the yellow cells on the 'Census Population' sheet of this calculator.

- 5 The Calculator will automatically calculate how much of the areas population are in each of the Active Age Groups. These are shown in the 'Active Age Group' sheet. Note, these figures will be automatically generated, and so you do not need to input any data in this sheet.

- 6 The second stage is to input the number of teams by sport and by age group. These need to be filled in on the 'TGR Calculator' sheet. Please note, that if there are no teams in an age group, please put '0'. The calculator will then generate the Team Geneartion rates for each age group and sport for you area.

- 7 When you have completed this TGR calculator, please send a copy of this file to Sport England. These figures will help in compiling a list of comparable TRG's from all over the country. This list will be published on Sport Engalnd's website.

APPENDIX 3 - TEAM GENERATION RATES

Population Breakdown

	Total	Male	Female
0 - 4	5420	2708	2712
5 - 9	6379	3174	3205
10 - 14	7111	3640	3471
15 - 19	6477	3436	3041
20 - 24	4738	2578	2160
25 - 29	5237	2636	2601
30 - 34	7073	3518	3555
35 - 39	8325	4071	4254
40 - 44	8184	4050	4134
45 - 49	7639	3736	3903
50 - 54	8520	4302	4218
55 - 59	7632	3763	3869
60 - 64	6340	3279	3061
65 - 69	5221	2538	2683
70 - 74	4375	2096	2279
75 - 79	3346	1448	1898
80 - 84	2106	781	1325
85 - 89	1179	345	834
90 and over	595	132	463
Totals	105897	52231	53666

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Population Totals within Active Age Groups

Active Age Group	Sport	Male	Female	Mixed
0-5 years	Non active			6696
6-9 years	Football			5103
8-12 years	Rugby			6818
10-15 years	Football	4327	4079	
11-15 years	Hockey	3599	3385	
11-17 years	Cricket	4974	4601	
13-17 years	Rugby	3518	3213	
16-17 years	Rugby		1216	
16-45 years	F'ball/Hockey	20349	19917	
18-45 years	Rugby	18975	18701	
18-55 years	Cricket	27018	26815	
Over 55 years	Non active			

APPENDIX 3 - TEAM GENERATION RATES

TEAM GENERATION RATE CALCULATOR

Local Authorities covered: **SOUTH STAFFORDSHIRE COUNCIL**

Date work completed:

Work undertaken by: **HALL ATIEN & WARDELL ARMSTRONG**

Please insert in the yellow cells your population figures and number of teams for each sport:

	Age Groups	Pop'tion within Age group	Age group as a % of total active pop'tion	Number of Teams within age group	Teams generated per 1000 pop	Pop in age group needed to generate 1 team
Football:						
Mini-soccer (U7-U10s) - mixed	6-9yrs	5103	7%	57	11.2	90
Youth football - boys	10-15yrs	4327	6%	78	18.0	55
Youth football - girls	10-15yrs	4079	6%	12	2.9	340
Men's football	16-45yrs	20349	29%	36	1.8	565
Women's football	16-45yrs	19917	29%	2	0.10	9959
Totals for football		53776		185	3.4	291
Cricket:						
Junior cricket - boys	11-17yrs	4974	7%	54	10.9	92
Junior cricket - girls	11-17yrs	4601	7%	1	0	0
Men's cricket	18-55yrs	27018	39%	56	2.1	482
Women's cricket	18-55yrs	26815	38%	0	#DIV/0!	#DIV/0!
Totals for Cricket		63408		111	1.8	571
Hockey:						
Junior hockey – boys	11-15yrs	3599	5%	7	1.9	514
Junior hockey – girls	11-15yrs	3385	5%	1	0.3	3385
Men's hockey	16-45yrs	20349	29%	14	0.7	1454
Women's hockey	16-45yrs	19917	29%	8	0.4	2490
Totals for Hockey		47251		30	0.6	1575
Rugby Union:						
Mini-rugby - mixed	8-12yrs	6818	10%	15	2.2	455
Junior rugby - boys	13-17yrs	3518	5%	17	4.8	207
Junior rugby - girls	16-17yrs	1216	2%	3	2.5	405
Men's rugby	18-45yrs	18975	27%	18	0.9	1054
Women's rugby	18-45yrs	18701	27%	0	#DIV/0!	#DIV/0!
Totals for Rugby		49227		53	1.1	929

Total Area Population for all active age groups (6-55yrs)

69683

Totals **379**