



Key Skills - Application of Number

Here are 100 pieces of raw data taken from the replies to a question on favourite football teams included in *CensusAtSchool*.

www.CensusAtSchool.org.uk

Football	Gender	Year	Football	Gender	Year	Football	Gender	Year
53	F	7	0	F	8	0	F	9
53	F	7	53	F	8	77	F	9
77	M	7	53	F	8	77	M	9
77	M	7	0	M	8	0	F	9
89	M	7	0	M	8	77	F	9
77	F	7	53	F	8	53	M	9
77	M	7	77	F	8	53	F	9
54	M	7	53	F	8	77	M	9
77	M	7	77	M	8	53	F	9
53	F	7	53	M	8	35	F	9
0	M	7	45	M	8	77	M	10
53	M	7	53	M	8	77	M	10
77	F	7	77	F	8	77	M	10
53	M	7	53	M	8	53	F	10
49	M	7	77	M	8	77	F	10
0	M	7	21	M	8	53	F	10
77	F	7	77	M	8	77	M	10
53	F	7	53	M	8	49	M	10
77	F	7	77	M	9	53	F	10
0	F	7	77	F	9	53	F	10
53	M	7	0	M	9	77	F	10
0	M	8	77	M	9	77	M	10
53	M	8	53	F	9	0	F	10
77	M	8	0	F	9	77	M	10
77	F	8	53	M	9	53	M	10
53	F	8	77	F	9	77	F	10
77	F	8	77	M	9	77	M	10
77	M	8	77	F	9	77	F	11
53	F	8	77	F	9	77	F	11
77	M	8	53	M	9	53	F	11
53	M	8	53	M	9	53	F	11
53	M	8	53	M	9	53	F	11
53	M	8	45	M	9	77	F	12
						77	M	13

They all come from one postcode district (NE38). Analyse the given data in terms of the information given. Choose appropriate methods and a variety of graphs and statistics.

The list of codes for the football teams is given on page 4.

Now choose an alternate postcode either FK14 or W13 and compare and contrast the data.



Key Skills - Application of Number

FK14

Football	Gender	Year
49	F	7
21	F	8
21	M	8
45	M	8
49	M	8
89	M	8
98	M	8
96	M	8
49	F	8
101	M	8
49	M	8
101	M	8
40	F	8
41	M	8
101	M	8
1	M	8
1	M	8
49	F	8
0	F	8
7	M	8
0	F	8
21	F	8
97	F	8
97	M	8
0	M	8
21	M	8
49	M	8
81	M	8
49	M	8
94	M	8
49	F	8
49	F	8
103	M	8
0	F	8
15	F	8
94	F	9
0	M	9
95	M	9
1	M	9
0	F	9
0	M	9
0	M	9
53	M	9
101	F	9
101	F	9
0	F	9
45	M	9
94	F	9
49	M	9
1	M	9

W13

Football	Gender	Year
65	F	7
49	F	7
0	F	7
1	F	7
86	F	7
45	F	7
49	F	7
49	F	7
1	F	7
0	F	7
0	F	7
49	F	7
0	F	7
48	F	7
21	F	7
21	F	7
1	F	7
0	F	7
32	F	7
1	F	8
0	F	8
0	F	8
49	F	8
0	F	8
81	F	8
72	F	8
0	F	8
49	F	8
0	F	8
65	F	8
49	F	8
21	F	8
45	F	8
45	F	8
21	F	8
71	F	8
32	F	8
1	F	9
0	F	9
1	F	9
49	F	9
21	F	9
49	F	9
53	F	9
21	F	9
1	F	9
0	F	9
49	F	9
0	F	9
0	F	9



Key Skills - Application of Number

1	M	9
0	M	9
40	M	9
0	F	9
0	M	9
98	F	9
41	M	9
97	F	9
97	F	9
97	M	9
0	F	9
0	M	9
21	F	9
97	M	9
81	M	9
0	M	9
45	M	9
94	F	10
112	F	10
49	M	10
49	F	10
97	F	10
30	M	10
7	M	10
49	M	10
101	M	10
45	M	10
9	F	10
6	M	10
69	M	10
76	M	10
0	M	10
1	M	10
101	F	10
0	M	10
97	M	10
51	M	10
49	F	10
0	M	10
102	M	10
8	F	10
45	M	10
21	M	10
94	F	11
56	F	11
104	M	11
101	M	11
21	F	11
97	M	11
101	F	11

1	F	9
0	F	9
1	F	9
21	F	9
21	F	9
1	F	9
45	F	9
1	F	9
11	F	9
1	F	9
0	F	9
49	F	10
49	F	10
81	F	10
30	F	10
1	F	10
65	F	10
65	F	10
45	F	10
21	F	10
72	F	10
11	F	10
41	F	10
65	F	10
0	F	10
21	F	10
53	F	10
49	F	10
32	F	10
0	F	10
21	F	10
1	F	11
0	F	11
1	F	11
49	F	11
1	F	11
0	F	11
0	F	11
1	F	11
45	F	11
49	F	11
21	F	11
21	F	11
21	F	11
1	F	11
65	F	11
1	F	11
30	F	11
0	F	11
0	F	11

You may also collect data yourself from your own postcode district and compare this. Do be careful about how you choose your sample and write about this choice.



Key Skills - Application of Number

Football League Teams

0	NONE	58	Oldham Athletic
1	Arsenal	59	Oxford United
2	Aston Villa	60	Peterborough United
3	Barnet	61	Plymouth Argyle
4	Barnsley	62	Port Vale
5	Birmingham City	63	Portsmouth
6	Blackburn Rovers	64	Preston North End
7	Blackpool	65	Queens Park Rangers
8	Bolton Wanderers	66	Reading
9	Bournemouth	67	Rochdale
10	Bradford City	68	Rotherham United
11	Brentford	69	Scunthorpe United
12	Brighton & Hove	70	Sheffield United
13	Bristol City	71	Sheffield Wednesday
14	Bristol Rovers	72	Shrewsbury Town
15	Burnley	73	Southampton
16	Bury	74	Southend United
17	Cambridge United	75	Stockport County
18	Cardiff City	76	Stoke City
19	Carlisle United	77	Sunderland
20	Charlton Athletic	78	Swansea City
21	Chelsea	79	Swindon Town
22	Cheltenham Town	80	Torquay United
23	Chesterfield	81	Tottenham Hotspur
24	Colchester United	82	Tranmere Rovers
25	Coventry City	83	Walsall
26	Crewe Alexandra	84	Watford
27	Crystal Palace	85	West Bromwich Albion
28	Darlington	86	West Ham United
29	Derby County	87	Wigan Athletic
30	Everton	88	Wimbledon
31	Exeter City	89	Wolves
32	Fulham	90	Wrexham
33	Gillingham	91	Wycombe Wanderers
34	Grimsby Town	92	York City
35	Halifax Town	93	Aberdeen
36	Hartlepool United	94	Celtic
37	Huddersfield Town	95	Dundee
38	Hull City	96	Dundee United
39	Ipswich Town	97	Dunfermline
40	Kidderminster Harriers	98	Hearts
41	Leeds United	99	Kilmarnock
42	Leicester City	100	Motherwell
43	Leyton Orient	101	Rangers
44	Lincoln City	102	St. Johnstone
45	Liverpool	103	Ballymena
46	Luton Town	104	Cliftonville
47	Macclesfield Town	105	Coleraine
48	Manchester City	106	Crusaders
49	Manchester United	107	Glenavon
50	Mansfield Town	108	Glentoran
51	Middlesbrough	109	Linfield
52	Millwall	110	Newry
53	Newcastle United	111	Omagh Town
54	Northampton Town	112	Portadown
55	Norwich City		
56	Nottingham Forest		
57	Notts County		