



Public Health
England

Reports of Cases of Tuberculosis to the National Enhanced Tuberculosis Surveillance System, 2004 to 2013

Official Statistics

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. It does this through advocacy, partnerships, world-class science, knowledge and intelligence, and the delivery of specialist public health services. PHE is an operationally autonomous executive agency of the Department of Health.

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Notes

Tuberculosis definition

All new tuberculosis (TB) cases (including cases diagnosed post mortem) that meet one of the two following case definitions should be reported to ETS:

- culture confirmed case: culture confirmed disease, due to *Mycobacterium tuberculosis* complex (*M. tuberculosis*, *M. bovis*, *M. africanum* and *M. microti*)
- other than culture confirmed case: in the absence of culture confirmation, a case that meets the following criteria:

a clinician's judgement that the patient's clinical and/or radiological signs and/or symptoms are compatible with tuberculosis, *and*
a clinician's decision to treat the patient with a full course of anti-tuberculosis therapy.

Enhanced surveillance of tuberculosis

Enhanced Tuberculosis Surveillance (ETS) was introduced on 1 January 1999 in England and Wales and the following year in Northern Ireland. The equivalent scheme in Scotland, Enhanced Surveillance of Mycobacterial Infections (ESMI), was introduced in 2000. Data from the two systems are compiled for the purpose of UK reporting.

Clinical teams provide information on TB cases either directly through the web-based ETS by local users, or on a case report form to be entered onto the system at Health Protection Team level. Data include notification details, demographic information, clinical and microbiological information.

Data sources

All TB data presented in this report for England, Wales and Northern Ireland is from ETS; data for Scotland is from the Enhanced Surveillance of Mycobacterial Infections.

Population data is from the Office for National Statistics.

The data presented in this report is correct as at May 2014. Data for Scotland in this report may differ slightly from data presented by Scotland in their own reports as cases that have transferred from England to Scotland are not counted in the Scottish figures to avoid duplication at the UK level.

Data type and methodology

TB case notifications are reported by area of residence and by calendar year.

Overall TB rates per 100,000 population, as well as those by area of reporting, are calculated using the mid-year estimates provided by the Office for National Statistics (ONS), incorporating data from the General Register Office for Scotland and Northern Ireland Statistics and Research Agency.

The three-year rolling average rates for TB incidence have been calculated by first calculating a three-year average figure for the number of new TB cases (the numerator), and then the denominator used is the mid-year population data for the middle year of the three-year period.

A 95% confidence interval for incidence was obtained using the relevant procedure in Stata, assuming a Poisson distribution.

Statistical analysis was carried out using STATA 13.

Glossary

CI:	Confidence interval
ESMI:	Enhanced Surveillance of Mycobacterial Infections
ETS:	Enhanced Tuberculosis Surveillance
ONS:	Office for National Statistics
PHEC:	Public Health England centre

Table 1: TB case reports, rates and annual percentage change, UK, 2004-2013

Year	Total		Annual change in case numbers (%)	Annual change in rate (%)
	Number of cases	Rate per 100,000 (95% CI)		
2004	7,594	12.7 (12.4 -13.0)	-	-
2005	8,290	13.8 (13.5 -14.1)	9.2%	13.0%
2006	8,314	13.7 (13.4 -14.0)	0.3%	0.3%
2007	8,268	13.6 (13.3 -13.9)	-0.6%	0.3%
2008	8,495	13.8 (13.5 -14.1)	2.7%	5.5%
2009	8,878	14.4 (14.1 -14.7)	4.5%	4.2%
2010	8,398	13.5 (13.2 -13.8)	-5.4%	-2.4%
2011	8,923	14.1 (13.8 -14.4)	6.3%	8.5%
2012	8,729	13.7 (13.4 -14.0)	-2.2%	-2.5%
2013	7,892	12.3 (12.0 -12.6)	-9.6%	-10.4%

Table 2: TB case reports and rates by country, UK, 2004-2013

Year	Country									
	England		Northern Ireland		Scotland		Wales		Total	
	Number of cases	Rate per 100,000 (95% CI)	Number of cases	Rate per 100,000 (95% CI)	Number of cases	Rate per 100,000 (95% CI)	Number of cases	Rate per 100,000 (95% CI)	Number of cases	Rate per 100,000 (95% CI)
2004	6,934	13.8 (13.5 -14.2)	81	4.7 (3.8 -5.9)	392	7.7 (7.0 -8.5)	187	6.3 (5.4 -7.3)	7,594	12.7 (12.4 -13.0)
2005	7,665	15.2 (14.9 -15.5)	75	4.3 (3.4 -5.4)	365	7.1 (6.4 -7.9)	185	6.2 (5.4 -7.2)	8,290	13.8 (13.5 -14.1)
2006	7,689	15.1 (14.8 -15.5)	61	3.5 (2.7 -4.5)	381	7.4 (6.7 -8.2)	183	6.1 (5.3 -7.1)	8,314	13.7 (13.4 -14.0)
2007	7,585	14.8 (14.5 -15.2)	69	3.9 (3.0 -5.0)	410	7.9 (7.2 -8.7)	204	6.8 (5.9 -7.8)	8,268	13.6 (13.3 -13.9)
2008	7,814	15.2 (14.8 -15.5)	66	3.7 (2.9 -4.7)	447	8.6 (7.8 -9.4)	168	5.6 (4.7 -6.5)	8,495	13.8 (13.5 -14.1)
2009	8,119	15.7 (15.3 -16.0)	59	3.3 (2.5 -4.2)	486	9.3 (8.5 -10.2)	214	7.0 (6.1 -8.1)	8,878	14.4 (14.1 -14.7)
2010	7,677	14.7 (14.4 -15.0)	66	3.7 (2.8 -4.7)	503	9.6 (8.7 -10.4)	152	5.0 (4.2 -5.8)	8,398	13.5 (13.2 -13.8)
2011	8,284	15.6 (15.3 -16.0)	61	3.4 (2.6 -4.3)	447	8.4 (7.7 -9.3)	131	4.3 (3.6 -5.1)	8,923	14.1 (13.8 -14.4)
2012	8,099	15.1 (14.8 -15.5)	87	4.8 (3.8 -5.9)	405	7.6 (6.9 -8.4)	138	4.5 (3.8 -5.3)	8,729	13.7 (13.4 -14.0)
2013	7,290	13.5 (13.2 -13.8)	73	4.0 (3.1 -5.0)	389	7.3 (6.6 -8.1)	140	4.5 (3.8 -5.4)	7,892	12.3 (12.0 -12.6)

Table 3: TB case reports and rates by PHE Region and Centre, England, 2013

PHE Area	Number of cases	Rate per 100,000 (95% CI)
North of England	1,437	9.5 (9.1 -10.1)
Cheshire and Merseyside	116	4.8 (4.0 -5.8)
Cumbria and Lancashire	181	9.2 (7.9 -10.6)
Greater Manchester	424	15.6 (14.2 -17.2)
North East	120	4.6 (3.8 -5.5)
Yorkshire and Humber	596	11.2 (10.3 -12.1)
Midlands and East of England	1,861	11.3 (10.8 -11.8)
Anglia and Essex	261	6.2 (5.5 -7.1)
East Midlands	371	9.5 (8.6 -10.6)
South Midlands and Hertfordshire	248	9.1 (8.0 -10.3)
West Midlands	981	17.3 (16.2 -18.4)
London	2,985	35.5 (34.2 -36.8)
South of England	1,007	7.2 (6.8 -7.7)
Avon, Gloucestershire and Wiltshire	220	9.2 (8.0 -10.5)
Devon, Cornwall and Somerset	78	3.5 (2.8 -4.4)
Kent, Surrey and Sussex	277	6.1 (5.4 -6.8)
Thames Valley	295	14.3 (12.7 -16.0)
Wessex	137	5.1 (4.3 -6.0)

CI - confidence interval

Table 4: Three-year average TB case reports and rates by local authority, England, 2011-2013

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Adur	2.3	3.2 (0.4 -11.7)
Allerdale	1.3	1 (0 -5.8)
Amber Valley	5.0	4.1 (1.3 -9.5)
Arun	7.3	4.6 (1.9 -9.5)
Ashfield	4.7	3.3 (0.9 -8.5)
Ashford	10.3	8.3 (4 -15.3)
Aylesbury Vale	14.0	7.9 (4.3 -13.2)
Babergh	1.3	1.1 (0 -6.3)
Barking and Dagenham	67.0	35.2 (27.2 -44.7)
Barnet	94.3	25.8 (20.9 -31.6)
Barnsley	6.7	2.6 (0.9 -5.6)
Barrow-in-Furness	3.7	4.4 (0.9 -12.8)
Basildon	11.0	6.2 (3.1 -11.2)
Basingstoke and Deane	10.7	5.9 (2.8 -10.8)
Bassetlaw	3.3	2.7 (0.5 -7.7)
Bath and North East Somerset	8.0	4.5 (1.9 -8.9)
Bedford	25.3	15.7 (10.2 -23.2)
Bexley	31.0	13.2 (9 -18.8)
Birmingham	412.7	38 (34.4 -41.8)
Blaby	5.3	5.3 (1.7 -12.3)
Blackburn with Darwen	52.3	35.2 (26.3 -46.2)
Blackpool	21.0	14.8 (9.2 -22.6)
Bolsover	2.3	2.6 (0.3 -9.5)
Bolton	55.0	19.7 (14.9 -25.7)
Boston	5.3	7.7 (2.5 -18)
Bournemouth	17.3	9.1 (5.3 -14.6)
Bracknell Forest	8.7	7 (3 -13.7)
Bradford	167.3	31.8 (27.2 -37)
Braintree	5.0	3.4 (1.1 -7.9)
Breckland	4.3	3 (0.8 -7.8)
Brent	298.7	94.7 (84.3 -106.1)
Brentwood	3.3	4.1 (0.8 -11.8)
Brighton and Hove	23.3	8.3 (5.3 -12.5)
Bristol, City of	89.3	20.6 (16.5 -25.3)
Broadland	3.3	2.4 (0.5 -7)
Bromley	33.7	10.5 (7.2 -14.8)
Bromsgrove	0.7	0 (0 -3.9)*
Broxbourne	6.3	6.3 (2.3 -13.8)
Broxtowe	6.7	5.4 (2 -11.8)
Burnley	11.0	12.6 (6.3 -22.6)
Bury	20.0	10.7 (6.6 -16.6)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Calderdale	21.0	10.2 (6.3 -15.6)
Cambridge	15.7	12 (6.7 -19.8)
Camden	59.0	26.2 (20 -33.8)
Cannock Chase	1.7	1 (0 -5.7)
Canterbury	12.0	7.8 (4 -13.7)
Carlisle	5.3	4.6 (1.5 -10.8)
Castle Point	3.0	3.4 (0.7 -9.9)
Central Bedfordshire	8.7	3.1 (1.3 -6.1)
Charnwood	11.3	6.5 (3.3 -11.7)
Chelmsford	5.0	3 (1 -6.9)
Cheltenham	8.7	6.9 (3 -13.6)
Cherwell	15.7	10.5 (5.9 -17.3)
Cheshire East	14.0	3.8 (2.1 -6.3)
Cheshire West and Chester	9.3	2.7 (1.2 -5.2)
Chesterfield	6.7	5.8 (2.1 -12.6)
Chichester	3.3	2.6 (0.5 -7.7)
Chiltern	5.7	5.4 (1.7 -12.6)
Chorley	6.0	5.5 (2 -12)
Christchurch	1.3	2.1 (0.1 -11.6)
City of London	1.3	13.2 (0.3 -73.3)
Colchester	9.7	5.1 (2.3 -9.7)
Copeland	1.3	1.4 (0 -7.9)
Corby	5.0	7.9 (2.6 -18.5)
Cornwall	17.7	3.2 (1.8 -5.1)
Cotswold	3.7	3.6 (0.7 -10.5)
County Durham	10.0	1.9 (0.9 -3.6)
Coventry	117.3	36.2 (29.9 -43.4)
Craven	1.3	1.8 (0 -10)
Crawley	25.0	23.1 (14.9 -34.1)
Croydon	120.3	32.5 (27 -38.9)
Dacorum	9.0	6.1 (2.8 -11.6)
Darlington	4.7	3.8 (1 -9.7)
Dartford	11.7	11.1 (5.5 -19.9)
Daventry	3.7	3.8 (0.8 -11.2)
Derby	41.0	16.4 (11.7 -22.2)
Derbyshire Dales	2.3	2.8 (0.3 -10.1)
Doncaster	21.0	6.9 (4.3 -10.6)
Dover	6.3	5.4 (2 -11.7)
Dudley	35.3	11.2 (7.8 -15.5)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Ealing	233.7	68.4 (59.9 -77.8)
East Cambridgeshire	2.3	2.4 (0.3 -8.5)
East Devon	1.7	0.7 (0 -4.1)
East Dorset	2.0	2.3 (0.3 -8.2)
East Hampshire	2.3	1.7 (0.2 -6.2)
East Hertfordshire	3.7	2.2 (0.4 -6.3)
East Lindsey	2.0	1.5 (0.2 -5.3)
East Northamptonshire	2.3	2.3 (0.3 -8.3)
East Riding of Yorkshire	8.3	2.4 (1 -4.7)
East Staffordshire	13.0	11.4 (6.1 -19.4)
Eastbourne	5.3	5 (1.6 -11.7)
Eastleigh	4.3	3.2 (0.9 -8.1)
Eden	0.7	0 (0 -7)*
Elmbridge	6.0	4.6 (1.7 -9.9)
Enfield	74.3	23.3 (18.3 -29.3)
Epping Forest	11.7	8.7 (4.4 -15.6)
Epsom and Ewell	8.7	10.5 (4.5 -20.7)
Erewash	5.0	4.4 (1.4 -10.3)
Exeter	9.7	7.5 (3.4 -14.3)
Fareham	5.7	4.4 (1.4 -10.3)
Fenland	7.0	7.3 (2.9 -15)
Forest Heath	2.7	3.3 (0.4 -11.9)
Forest of Dean	0.7	0 (0 -4.5)*
Fylde	1.7	1.3 (0 -7.3)
Gateshead	6.7	3 (1.1 -6.5)
Gedling	6.3	5.3 (1.9 -11.5)
Gloucester	14.7	11.3 (6.2 -19)
Gosport	3.3	3.6 (0.7 -10.5)
Gravesham	21.0	20.4 (12.6 -31.2)
Great Yarmouth	8.3	8.2 (3.5 -16.2)
Greenwich	115.7	44.2 (36.5 -53.1)
Guildford	7.3	5 (2 -10.3)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Hackney	88.0	34.9 (28 -43)
Halton	0.7	0 (0 -2.9)*
Hambleton	1.0	1.1 (0 -6.2)
Hammersmith and Fulham	54.0	30 (22.6 -39.2)
Harborough	3.3	3.5 (0.7 -10.1)
Haringey	106.7	40.9 (33.5 -49.5)
Harlow	17.7	20.6 (12 -32.9)
Harrogate	4.7	2.5 (0.7 -6.5)
Harrow	161.0	66.4 (56.6 -77.5)
Hart	2.3	2.2 (0.3 -7.8)
Hartlepool	5.7	5.4 (1.8 -12.7)
Hastings	8.3	8.9 (3.8 -17.4)
Havant	1.7	0.8 (0 -4.6)
Havering	24.7	10 (6.4 -14.9)
Herefordshire, County of	6.0	3.2 (1.2 -7.1)
Hertsmere	10.7	9.9 (4.8 -18.3)
High Peak	4.0	4.4 (1.2 -11.2)
Hillingdon	123.3	43.7 (36.3 -52.1)
Hinckley and Bosworth	4.7	3.8 (1 -9.7)
Horsham	5.3	3.8 (1.2 -8.8)
Hounslow	178.7	68.7 (59 -79.6)
Huntingdonshire	7.7	4.1 (1.6 -8.4)
Hyndburn	11.3	13.7 (6.8 -24.5)
Ipswich	6.3	4.5 (1.6 -9.7)
Isle of Wight	4.7	2.9 (0.8 -7.4)
Isles of Scilly	0.0	0 (0 -162.9)*
Islington	71.7	33.6 (26.3 -42.4)
Kensington and Chelsea	38.3	24.4 (17.2 -33.4)
Kettering	6.7	6.3 (2.3 -13.8)
King's Lynn and West Norfolk	3.7	2 (0.4 -5.9)
Kingston upon Hull, City of	21.7	8.2 (5.1 -12.5)
Kingston upon Thames	27.7	16.5 (10.9 -24)
Kirklees	95.7	22.3 (18.1 -27.3)
Knowsley	4.0	2.7 (0.7 -7)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Lambeth	91.0	29.3 (23.6 -36)
Lancaster	6.7	4.3 (1.6 -9.4)
Leeds	104.3	13.7 (11.2 -16.6)
Leicester	176.0	53.1 (45.5 -61.5)
Lewes	5.3	5.1 (1.6 -11.8)
Lewisham	86.7	30.5 (24.4 -37.7)
Lichfield	1.3	1 (0 -5.5)
Lincoln	4.7	4.2 (1.2 -10.8)
Liverpool	43.7	9.2 (6.6 -12.3)
Luton	85.7	41.3 (33 -51.1)
Maidstone	8.7	5.1 (2.2 -10)
Maldon	1.3	1.6 (0 -9)
Malvern Hills	2.0	2.7 (0.3 -9.6)
Manchester	189.3	37 (31.9 -42.7)
Mansfield	4.0	3.8 (1 -9.8)
Medway	21.3	7.8 (4.8 -12)
Melton	1.0	2 (0 -11)
Mendip	3.3	2.7 (0.6 -8)
Merton	65.3	32.1 (24.8 -41)
Mid Devon	1.7	1.3 (0 -7.1)
Mid Suffolk	2.0	2 (0.2 -7.4)
Mid Sussex	10.3	7.1 (3.4 -13)
Middlesbrough	19.0	13.7 (8.2 -21.4)
Milton Keynes	37.3	14.7 (10.3 -20.2)
Mole Valley	2.0	2.3 (0.3 -8.4)
New Forest	3.3	1.7 (0.3 -4.9)
Newark and Sherwood	2.3	1.7 (0.2 -6.2)
Newcastle upon Tyne	40.7	14.2 (10.1 -19.3)
Newcastle-under-Lyme	5.7	4 (1.3 -9.4)
Newham	357.3	113.7 (102.2 -126.1)
North Devon	1.3	1.1 (0 -5.9)
North Dorset	2.3	2.9 (0.3 -10.4)
North East Derbyshire	1.3	1 (0 -5.6)
North East Lincolnshire	3.3	1.9 (0.4 -5.5)
North Hertfordshire	7.7	5.5 (2.2 -11.2)
North Kesteven	2.0	1.8 (0.2 -6.6)
North Lincolnshire	15.7	8.9 (5 -14.7)
North Norfolk	3.7	2.9 (0.6 -8.6)
North Somerset	7.3	3.4 (1.4 -7.1)
North Tyneside	6.7	3 (1.1 -6.5)
North Warwickshire	3.3	4.8 (1 -14.1)
North West Leicestershire	2.0	2.1 (0.3 -7.7)
Northampton	35.0	16.3 (11.4 -22.7)
Northumberland	6.3	1.9 (0.7 -4.1)
Norwich	11.7	8.2 (4.1 -14.7)
Nottingham	62.3	20.1 (15.4 -25.7)
Nuneaton and Bedworth	16.3	12.7 (7.3 -20.7)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Oadby and Wigston	6.7	10.7 (3.9 -23.3)
Oldham	46.7	20.4 (14.9 -27.2)
Oxford	38.7	24.9 (17.6 -34.2)
Pendle	20.7	22.3 (13.6 -34.5)
Peterborough	56.7	30 (22.7 -39)
Plymouth	16.3	6.2 (3.5 -10.1)
Poole	2.7	1.3 (0.2 -4.9)
Portsmouth	19.7	9.2 (5.5 -14.3)
Preston	35.3	24.9 (17.3 -34.6)
Purbeck	1.7	2.2 (0.1 -12.3)
Reading	53.0	33.7 (25.3 -44.1)
Redbridge	155.3	54.5 (46.2 -63.7)
Redcar and Cleveland	3.7	2.2 (0.5 -6.5)
Redditch	15.3	17.8 (9.9 -29.3)
Reigate and Banstead	14.3	10 (5.5 -16.8)
Ribble Valley	1.7	1.7 (0 -9.7)
Richmond upon Thames	13.7	6.9 (3.7 -11.8)
Richmondshire	2.0	3.7 (0.4 -13.4)
Rochdale	33.7	15.6 (10.7 -21.9)
Rochford	1.3	1.2 (0 -6.6)
Rossendale	2.0	2.9 (0.4 -10.6)
Rother	2.0	2.2 (0.3 -7.9)
Rotherham	20.7	7.7 (4.7 -12)
Rugby	11.0	10.9 (5.5 -19.5)
Runnymede	6.0	7.3 (2.7 -15.9)
Rushcliffe	4.7	3.6 (1 -9.2)
Rushmoor	27.0	28.5 (18.8 -41.4)
Rutland	2.7	5.4 (0.7 -19.5)
Ryedale	0.7	0 (0 -7.1)*

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Salford	26.3	11 (7.2 -16.1)
Sandwell	115.3	36.9 (30.5 -44.3)
Scarborough	3.7	2.8 (0.6 -8.1)
Sedgemoor	4.0	3.4 (0.9 -8.8)
Sefton	10.3	3.7 (1.8 -6.7)
Selby	1.0	1.2 (0 -6.6)
Sevenoaks	7.0	6 (2.4 -12.4)
Sheffield	93.0	16.7 (13.5 -20.4)
Shepway	10.0	9.2 (4.4 -16.9)
Shropshire	11.7	3.6 (1.8 -6.4)
Slough	82.7	57.8 (46 -71.8)
Solihull	19.7	9.2 (5.5 -14.3)
South Bucks	6.7	8.9 (3.3 -19.4)
South Cambridgeshire	7.0	4.6 (1.9 -9.5)
South Derbyshire	3.7	3.1 (0.6 -9.1)
South Gloucestershire	16.0	6 (3.4 -9.8)
South Hams	2.0	2.4 (0.3 -8.6)
South Holland	2.0	2.3 (0.3 -8.2)
South Kesteven	7.7	5.2 (2.1 -10.7)
South Lakeland	6.0	5.8 (2.1 -12.6)
South Norfolk	1.3	0.8 (0 -4.4)
South Northamptonshire	3.3	3.5 (0.7 -10.2)
South Oxfordshire	4.0	3 (0.8 -7.6)
South Ribble	5.0	4.6 (1.5 -10.7)
South Somerset	4.0	2.5 (0.7 -6.3)
South Staffordshire	1.3	0.9 (0 -5.1)
South Tyneside	4.0	2.7 (0.7 -6.9)
Southampton	43.3	18 (13 -24.2)
Southend-on-Sea	16.7	9.2 (5.2 -14.9)
Southwark	109.3	37.1 (30.5 -44.8)
Spelthorne	8.7	8.3 (3.6 -16.3)
St Albans	7.3	4.9 (2 -10.2)
St Edmundsbury	6.3	5.4 (2 -11.7)
St. Helens	4.3	2.3 (0.6 -5.8)
Stafford	9.0	6.8 (3.1 -13)
Staffordshire Moorlands	2.7	2.1 (0.2 -7.4)
Stevenage	8.0	9.4 (4.1 -18.6)
Stockport	20.0	7 (4.3 -10.9)
Stockton-on-Tees	10.7	5.2 (2.5 -9.6)
Stoke-on-Trent	40.3	16 (11.4 -21.8)
Stratford-on-Avon	5.3	4.1 (1.3 -9.7)
Stroud	4.7	3.5 (1 -9)
Suffolk Coastal	5.0	4 (1.3 -9.4)
Sunderland	20.7	7.3 (4.4 -11.2)
Surrey Heath	5.3	5.8 (1.9 -13.5)
Sutton	28.7	14.5 (9.6 -20.9)
Swale	2.7	1.5 (0.2 -5.2)
Swindon	23.7	10.9 (6.9 -16.3)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Tameside	30.3	13.6 (9.2 -19.4)
Tamworth	1.0	1.3 (0 -7.2)
Tandridge	1.0	1.2 (0 -6.7)
Taunton Deane	5.0	4.5 (1.5 -10.5)
Teignbridge	7.3	5.6 (2.3 -11.5)
Telford and Wrekin	11.0	6.6 (3.3 -11.7)
Tendring	3.3	2.2 (0.4 -6.3)
Test Valley	2.7	1.7 (0.2 -6.2)
Tewkesbury	3.3	3.6 (0.7 -10.6)
Thanet	10.3	7.4 (3.5 -13.6)
Three Rivers	7.0	7.9 (3.2 -16.2)
Thurrock	11.3	6.9 (3.4 -12.3)
Tonbridge and Malling	4.3	3.3 (0.9 -8.4)
Torbay	8.7	6.1 (2.6 -12)
Torridge	0.3	0 (0 -5.7)*
Tower Hamlets	119.7	45.2 (37.5 -54.1)
Trafford	32.3	14 (9.6 -19.8)
Tunbridge Wells	6.3	5.2 (1.9 -11.3)
Uttlesford	1.0	1.2 (0 -6.9)
Vale of White Horse	6.3	4.9 (1.8 -10.6)
Wakefield	18.0	5.5 (3.3 -8.7)
Walsall	56.7	20.7 (15.6 -26.8)
Waltham Forest	121.7	46.1 (38.2 -55.1)
Wandsworth	80.7	25.9 (20.6 -32.3)
Warrington	10.0	4.9 (2.4 -9)
Warwick	11.3	7.9 (4 -14.2)
Watford	14.7	15.3 (8.3 -25.6)
Waveney	5.7	4.3 (1.4 -10.1)
Waverley	7.0	5.7 (2.3 -11.8)
Wealden	5.7	3.3 (1.1 -7.7)

Local Authority	Average number of cases	Average rate per 100,000 (95% CI)
Wellingborough	7.7	9.2 (3.7 -19)
Welwyn Hatfield	13.0	11.6 (6.2 -19.8)
West Berkshire	8.7	5.2 (2.2 -10.2)
West Devon	3.3	5.6 (1.1 -16.3)
West Dorset	1.3	1 (0 -5.6)
West Lancashire	1.3	0.9 (0 -5)
West Lindsey	2.7	2.2 (0.3 -8)
West Oxfordshire	4.0	3.7 (1 -9.6)
West Somerset	0.0	0 (0 -10.7)*
Westminster	60.0	26.8 (20.5 -34.5)
Weymouth and Portland	1.3	1.5 (0 -8.6)
Wigan	10.3	3.1 (1.5 -5.8)
Wiltshire	14.0	2.9 (1.6 -4.9)
Winchester	3.0	2.5 (0.5 -7.4)
Windsor and Maidenhead	10.7	6.9 (3.3 -12.6)
Wirral	10.7	3.1 (1.5 -5.7)
Woking	19.0	19.1 (11.5 -29.9)
Wokingham	12.0	7.7 (4 -13.4)
Wolverhampton	83.0	33.1 (26.3 -41)
Worcester	7.0	7 (2.8 -14.5)
Worthing	8.0	7.6 (3.3 -14.9)
Wychavon	5.3	4.2 (1.4 -9.9)
Wycombe	24.0	13.8 (8.9 -20.6)
Wyre	7.3	6.5 (2.6 -13.4)
Wyre Forest	1.3	1 (0 -5.7)
York	7.3	3.5 (1.4 -7.2)

(*) one-sided, 97.5% confidence interval