



Monthly publication of National Statistics on the Incidence of Tuberculosis (TB) in Cattle to end April 2014 for Great Britain

These statistics were released today, Wednesday 16 July 2014 at 09:30, with the next notice to be updated on Wednesday 13 August 2014 at 09:30.

These statistics are obtained from the Animal Health and Veterinary Laboratories Agency (AHVLA) work management IT support system (Sam), used for the administration of TB testing in GB. They are a snapshot of the position on the date on which the data were extracted. These statistics may be subject to regular revision until all test results are available. In particular figures from 2012 onwards will be subject to further revision as test and incident records are completed.

The key points relating to April 2014 are:-

- Short term changes in these statistics should be considered in the context of long term trends.
 The charts and tables in this statistical notice illustrate how the trend in bovine TB incidence has changed since 1996.
- The provisional incidence rate for January to April 2014 is 3.7% compared to 4.1% for January to April 2013. However, care needs to be taken not to read too much into short term figures, especially as this figure includes a number of unclassified incidents. As such, the incidence rates are subject to further revisions as more tests and their results for the period are input.
- The number of new herd incidents during the period January to April 2014 was 1,767 compared to 1,809 for January to April 2013. The number of tests on officially TB free herds was 31,287 during January to April 2014, compared to 29,526 during January to April 2013.
- The number of cattle compulsorily slaughtered as reactors or direct contacts was 11,689 during January to April 2014, compared to 12,003 during January to April 2013.

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Figure 1: Number of officially TB free herd status being withdrawn incidents, as a percentage of tests on officially TB free herds:-

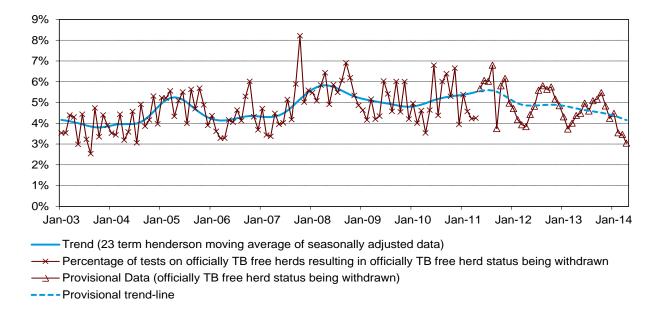
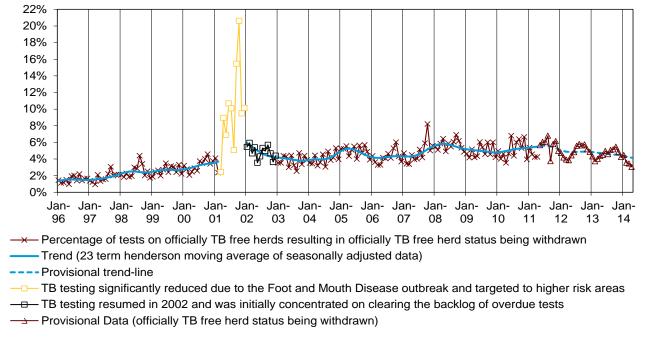


Figure 2: Number of officially TB free herd status being withdrawn incidents, as a percentage of tests on officially TB free herds:-



The charts published in this statistical notice, together with the equivalent figures from January 1996 onwards, are also available in spreadsheet format on the Defra web site at:- https://www.gov.uk/government/publications/incidence-of-tuberculosis-tb-in-cattle-in-great-britain. Visit the third link (MS Excel spreadsheet) entitled "Incidence of TB in cattle in Great Britain - GB dataset".

TABLE 1: TB INCIDENTS IN GREAT BRITAIN - HERDS

| 1996 36,314 1,589 34,812 1,075 480 1,4% 1997 34,065 1,632 32,295 1,195 540 1,7% 1998 37,046 2,077 34,502 1,514 787 2,3% 1999 41,365 2,374 38,338 1,661 967 2,5% 2000 40,669 2,482 37,184 1,738 1,135 3,1% 2001 13,187 1,697 11,118 802 571 5,2% 2002 14,9709 4,167 43,641 3,323 2,042 4,7% 2003 56,208 5,460 47,568 3,214 1,789 3,18% 2004 56,836 5,220 49,027 3,341 1,934 4,0% 2005 55,887 5,669 46,725 3,665 2,308 4,9% 2006 64,467 5,859 56,051 3,530 2,303 4,1% 2007 64,145 6,582 54,856 4,188 2,546 4,7% 2008 66,432 7,935 54,854 5,011 3,093 5,6% 2009 72,205 8,386 58,894 4,599 2,847 4,99 2010 74,474 7,964 61,587 4,723 3,013 4,9% 2011 76,659 8,243 62,489 4,912 3,112 5,2% 2012 (prov) 88,882 8,970 73,657 5,152 3,470 4,8% 2014 (prov) 7,831 4,677 6,534 405 246 239 4,5% April (prov) 7,891 4,677 6,534 405 246 239 4,5% April (prov) 7,891 4,677 6,534 405 246 249 3,184 3,29 April (prov) 7,891 4,677 6,534 405 246 249 3,88 3,9% April (prov) 7,891 4,677 6,534 405 246 249 3,88 3,9% April (prov) 7,891 4,677 6,534 405 246 249 3,88 3,9% April (prov) 7,891 4,677 6,534 405 246 249 3,88 3,9% April (prov) 7,891 4,677 6,534 405 246 249 5,88 5,9% April (prov) 5,068 4,529 3,865 3,865 3,98 | | | Total tests on herds | Herds not Officially TB free due to a bovine TB incident (non-OTF Herds) | Tests on officially TB free herds (OTF) | New herd incidents (NHI) | NHI of which: officially TB free herd status withdrawn (OTFW) | Number of OTFW incidents as a percentage of tests on officially TB free herds |
|--|----------|--------|----------------------------|---|---|--------------------------------|--|--|
| 1996 36.314 1.589 34.812 1.075 490 1.4% 1997 34.065 1.632 32.295 1.195 540 1.7% 1998 37.046 2.077 34.502 1.514 787 2.3% 1999 41.365 2.374 33.338 1.661 967 2.25% 2000 40.669 2.482 37.184 1.738 1.135 3.1% 2001 13.187 1.697 11.118 802 571 5.2% 2002 149.709 4.167 43.641 3.323 2.042 4.7% 2003 56.208 5.460 47.568 3.214 1.789 3.8% 2004 56.836 5.220 47.568 3.214 1.789 3.8% 2005 55.887 5.669 40.027 3.341 1.934 4.0% 2006 64.457 5.659 40.725 3.665 2.308 4.9% 2007 64.145 6.582 54.856 4.188 2.546 4.7% 2008 66.432 7.935 54.854 5.011 3.093 5.56% 2009 72.205 8.386 58.894 4.599 2.2447 4.9% 2010 74.474 7.964 61.587 4.723 3.013 4.9% 2011 77.474 7.964 61.587 4.723 3.013 4.9% 2012 (prov) 88.582 8.970 73.657 5.152 3.470 4.8% 2013 (prov) 88.650 9.239 72.184 4.820 3.249 4.5% 2014 (prov) 36.384 5.924 31.287 1.767 1.137 3.7% 2012 Jan (prov) 8.194 4.303 6.995 485 326 333 4.796 4.8% Apr (prov) 7.891 4.677 6.534 405 2.86 3.10 3.7% Apr (prov) 7.891 4.677 6.534 405 2.86 3.12 4.99 4.5% Apr (prov) 7.891 4.677 6.534 405 2.86 3.10 3.89 5.99 Apr (prov) 7.891 4.677 6.534 405 2.86 3.39 4.99 4.99 Jul (prov) 5.428 4.599 4.178 3.25 200 203 4.8% 4.99 Jul (prov) 5.428 4.599 4.178 3.25 200 203 4.8% 4.99 Jul (prov) 5.428 4.599 4.179 3.365 3.39 2.30 3.8% 4.9% Apr (prov) 7.304 4.724 5.991 4.48 2.26 3.249 4.5% Apr (prov) 7.304 4.724 5.991 4.48 2.26 3.249 4.5% Apr (prov) 8.542 4.599 4.178 3.25 200 203 4.8% 4.99 Jul (prov) 5.428 4.599 4.178 3.25 200 203 4.8% 4.99 Jul (prov) 5.428 4.599 4.178 3.25 200 203 4.8% 4.99 Jul (prov) 5.428 4.599 4.178 3.25 200 203 4.8% 4.99 Dec (prov) 6.735 4.795 5.688 3.96 3.96 3.96 3.96 3.96 3.96 3.96 3.96 | | | (1) | (2) | (3) | (4) | (5) | (6) |
| 1997 | 1996 | | | | | | | |
| 1998 37,046 2,077 34,502 1,514 787 2,3% 1999 41,365 2,374 38,338 1,661 967 2,5% 2,5% 2000 40,669 2,482 37,184 1,738 1,135 3,1% 2001 * 13,187 1,697 11,118 802 571 5,2% 2002 ** 49,709 4,167 43,641 3,323 2,042 4,7% 2003 56,208 5,460 47,568 3,214 1,789 3,8% 2004 56,836 5,220 49,027 3,341 1,934 4,0% 2005 55,887 5,669 46,725 3,665 2,308 4,4% 2006 64,457 5,859 56,051 3,530 2,303 4,1% 2007 64,145 6,582 54,856 4,188 2,546 4,7% 2009 72,205 8,386 58,94 4,599 2,847 4,9% 2010 74,474 7,964 61,587 4,723 3,013 4,9% 2011 76,659 8,243 62,489 4,912 3,112 5,2% 2012 (prov) 88,852 8,970 73,657 5,152 3,470 4,8% 2013 (prov) 88,850 9,239 72,184 4,820 3,249 4,5% 2014 (prov) 36,384 5,924 31,287 1,767 1,1137 3,7% Feb (prov) 9,060 4,421 7,700 465 316 327 4,11% 4,22% Mar (prov) 1,74,74 4,960 4,421 7,700 465 316 327 4,11% 4,22% Mar (prov) 1,7891 4,672 5,991 448 261 -269 4,47% 4,97% Apr (prov) 5,628 4,599 4,421 3,112 5,2% Mar (prov) 1,74,74 4,960 4,421 7,700 4,8% 2013 (prov) 88,850 9,239 72,184 4,820 3,249 4,5% 2014 (prov) 36,384 5,924 31,287 1,767 1,1137 3,7% Feb (prov) 7,7891 4,677 6,534 405 248 254 3,8% 3,9% May (prov) 7,304 4,724 5,991 448 261 -269 40,48 3,9% 4,9% Jul (prov) 5,628 4,599 4,178 325 200 200 3,48 4,421 7,700 4,86 5,92 400 -408 3,9% 4,0% Apr (prov) 7,304 4,724 5,991 448 261 -269 4,4% 4,5% 3,9% Jul (prov) 5,628 4,599 4,178 325 200 -200 3,48 4,49 4,59 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,178 325 200 -200 3,48 4,49 4,59 5,94 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,99 3,49 4,49 5,49 5,49 5,49 5,49 5,49 5,49 5 | | | | | | , | | |
| 1999 | | | | | | | | |
| 2001 ** | 1999 | | | | | 1,661 | 967 | 2.5% |
| 2002 ** | 2000 | | 40,669 | 2,482 | 37,184 | 1,738 | 1,135 | 3.1% |
| 2003 56,208 5,460 47,568 3,214 1,789 3.8% 2004 56,836 5,220 49,027 3,341 1,934 4,0% 2005 55,887 5,669 46,725 3,665 2,308 4,49% 2006 64,457 5,859 56,051 3,530 2,303 4,1% 2007 64,145 6,582 54,856 4,188 2,546 4,7% 2008 66,432 7,935 54,854 5,011 3,093 5.6% 2009 72,205 8,386 58,894 4,599 2,847 4,9% 2010 74,474 7,964 61,587 4,723 3,013 4,9% 2011 776,659 8,243 62,489 4,912 3,112 5.2% 2012 (prov) 88,582 8,970 73,657 5,152 3,470 4,8% 2013 (prov) 86,850 9,239 72,184 4,820 3,249 4,5% 2014 (prov) 36,884 5,924 31,287 1,767 1,137 3,7% 2012 Jan (prov) 8,194 4,303 6,995 485 326 333 4,7% 4,8% Apr (prov) 7,891 4,672 6,534 405 248 254 400 408 3,9% 4,0% Apr (prov) 7,891 4,677 6,534 405 248 254 3,8% 3,99 4,4% Jun (prov) 5,428 4,599 4,178 325 240 200 408 3,9% 4,0% Apr (prov) 5,428 4,599 4,178 325 240 200 408 3,9% 4,0% Apr (prov) 5,428 4,599 4,178 325 240 200 408 3,9% 4,4% Jun (prov) 5,428 4,599 4,178 325 240 200 408 3,9% 4,4% 4,5% Jun (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,99 4,178 325 240 2,48 4,599 3,16 2,48 2,49 4,59 3,40 4,67 4,6% Aug (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,99 3,49 4,59 3,40 4,67 4,6% Aug (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,99 5,5% Aug (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,99 5,6% Aug (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,99 5,6% Aug (prov) 5,422 4,503 4,243 353 244 249 5,8% 5,5% Aug (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,8% Nov (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,8% Nov (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,8% Nov (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,8% Nov (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,8% Aug (prov) 5,568 4,967 8,011 4,90 316 324 4,0% 4,0% Apr (prov) 5,608 4,529 3,865 313 215 227 4,09 5,8% 5,5% Nov (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,58% Nov (prov) 6,817 4,579 5,748 444 328 333 5,7% 5,58% Nov (prov) 5,608 4,917 7,345 4,967 8,011 4,90 316 324 4,0% 4,0% Apr (prov) 5,608 4,917 7,345 4,967 8,011 4,90 316 324 4,0% 4,0% Apr (prov) 5,560 4,967 8,011 4,90 316 324 4,0% 4,0% Apr (prov) 5,800 4,417 7,345 4,967 8,011 4,90 316 324 4,0% 4,0% Apr (p | 2001 | * | 13,187 | 1,697 | 11,118 | 802 | 571 | 5.2% |
| 2004 56,836 5,220 49,027 3,341 1,934 4,0% 2005 55,887 5,669 46,725 3,665 2,308 4,9% 2006 64,457 5,859 56,051 3,530 2,303 4,1% 2007 64,145 6,582 54,856 4,188 2,546 4,7% 2008 66,432 7,935 54,856 5,011 3,093 5,6% 2009 72,205 8,386 58,894 4,599 2,847 4,9% 2010 74,474 7,964 615,867 4,723 3,013 4,9% 2011 76,659 8,243 62,489 4,912 3,112 5,2% 2012 (prov) 88,582 8,970 73,657 5,152 3,470 4,8% 2013 (prov) 86,850 9,239 72,184 4,820 3,249 4,5% 2014 (prov) 36,384 5,924 31,287 1,767 1,137 3,7% 2014 (prov) 36,384 5,924 31,287 1,767 1,137 3,7% Mar (prov) 11,718 4,628 10,283 592 400 408 3,9% 4,0% Apr (prov) 7,891 4,677 6,534 405 248 254 3,8% 3,9% 4,0% Apr (prov) 7,891 4,677 6,534 405 248 254 3,8% 3,9% Jul (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,9% Jul (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,9% Jul (prov) 5,428 4,599 4,178 325 200 203 4,8% 4,9% Jul (prov) 5,879 4,468 4,599 3,176 244 249 5,8% Jul (prov) 5,879 4,468 4,599 3,176 244 249 5,8% 5,9% 3pg (prov) 5,879 4,468 4,740 367 264 270 5,6% 5,6% Aug (prov) 5,879 4,468 4,717 7,682 559 393 401 5,1% -5,2% 2013 Jan (prov) 5,879 4,468 4,740 367 264 -270 5,6% -5,6% Aug (prov) 5,879 4,468 4,717 7,882 559 393 401 5,1% -5,2% 2013 Jan (prov) 8,766 4,917 7,345 498 312 321 4,24 -4,9% 2013 Jan (prov) 5,879 4,468 4,717 7,882 559 393 -401 5,1% -5,2% 2013 Jan (prov) 5,879 4,468 4,717 7,882 559 393 -401 5,1% -5,2% 2013 Jan (prov) 5,879 4,468 4,717 7,882 559 393 -401 5,1% -5,2% 2013 Jan (prov) 5,879 4,468 4,717 7,882 559 393 -401 5,1% -5,2% 2013 Jan (prov) 5,879 4,468 4,717 7,345 498 312 321 4,2% -4,4% Apr (prov) 5,879 4,468 4,717 7,345 498 312 321 4,2% -4,4% Apr (prov) 5,879 4,468 4,717 7,345 498 312 321 4,2% -4,4% Apr (prov) 5,879 4,468 4,717 7,345 498 312 321 4,2% -4,4% Apr (prov) 5,885 4,987 4,962 6,608 423 393 393 -401 5,1% -5,2% 2013 Jan (prov) 5,686 4,967 8,011 490 318 -324 4,0% -4,0% Apr (prov) 5,879 4,468 4,740 367 264 -270 5,66% 5,7% 5,6% Apr (prov) 5,885 4,967 8,011 4,90 318 -324 4,0% -4,0% Apr (prov) 5,586 4,967 8,011 4,90 318 -324 4,0% -4,0% Apr (prov) 5,883 4,360 5,970 402 265 | 2002 | ** | 49,709 | 4,167 | 43,641 | | | 4.7% |
| 2005 | 2003 | | 56,208 | 5,460 | | 3,214 | 1,789 | 3.8% |
| 2006 64,457 5,859 56,051 3,530 2,303 4,1% 2007 64,145 6,582 54,856 4,188 2,546 4,7% 2008 66,432 7,935 54,854 5,011 3,093 5,6% 2009 72,205 8,366 58,894 4,599 2,847 4,9% 2011 76,659 8,243 62,489 4,912 3,112 5,2% 2012 (prov) 88,552 8,970 73,657 5,152 3,470 4,8% 2013 (prov) 86,850 9,239 72,184 4,820 3,249 4,5% 2014 (prov) 36,384 5,924 31,287 1,767 1,137 3,7% 2012 Jan (prov) 8,194 4,303 6,995 485 326 -333 4,7% -4,8% Feb (prov) 9,060 4,421 7,700 465 316 -327 4,1% -4,2% Mar (prov) 17,181 4,628 10,283 592 400 -408 3,9% 4,0% Apr (prov) 7,891 4,677 6,534 405 248 -254 3,8% -3,9% May (prov) 7,304 4,724 5,991 448 261 -269 4,4% -4,5% Jun (prov) 5,428 4,599 4,178 325 200 -203 4,8% -4,9% Aug (prov) 5,068 4,529 3,865 313 215 -217 5,6% -5,6% Aug (prov) 5,688 4,529 3,865 313 215 -217 5,6% -5,6% Aug (prov) 6,637 4,679 5,748 444 328 -333 5,7% -5,8% Dec (prov) 6,735 4,729 5,698 396 275 -277 4,8% -4,9% Mar (prov) 9,066 4,471 7,768 4,488 312 -321 4,249 5,8% -5,9% Oct (prov) 6,735 4,729 5,698 396 275 -277 4,8% -4,9% Apr (prov) 5,068 4,599 5,748 444 328 -333 5,7% -5,8% Nov (prov) 9,066 4,717 7,682 559 393 -401 5,1% -5,2% Dec (prov) 6,735 4,729 5,698 396 275 -277 4,8% -4,9% Apr (prov) 9,066 4,938 7,562 398 280 -283 3,7% -3,7% Mar (prov) 5,080 4,471 3,859 278 175 179 4,5% -5,6% Aug (prov) 5,587 4,605 5,970 402 265 -270 4,4% -4,5% Jun (prov) 5,587 4,695 5,991 3,865 313 215 -217 5,6% -5,6% Aug (prov) 5,879 4,468 4,740 367 264 -270 5,6% -5,7% Oct (prov) 6,817 4,679 5,748 444 328 -333 5,7% -5,8% Nov (prov) 9,066 4,917 7,345 498 312 -321 4,24 -4,4% Feb (prov) 9,066 4,917 7,345 498 312 -321 4,24 -4,4% Apr (prov) 5,080 4,471 3,859 278 175 -179 4,5% -4,6% Aug (prov) 5,580 4,962 6,608 423 266 -292 4,3% -4,9% Apr (prov) 5,080 4,471 3,859 278 175 -179 4,5% -6,6% Aug (prov) 5,580 4,346 4,413 328 223 -226 5,1% -5,1% Sep (prov) 5,580 4,346 4,413 328 223 -226 5,1% -5,1% Sep (prov) 5,581 4,494 7,442 503 386 342 5,4% -5,5% Nov (prov) 8,581 4,494 7,442 503 386 342 5,4% -5,5% Nov (prov) 8,581 4,494 7,442 503 386 361 4,8% -4,9% Dec (prov) 6,839 4,550 5,904 | 2004 | | 56,836 | 5,220 | 49,027 | 3,341 | 1,934 | 4.0% |
| 2007 64,145 6,582 54,856 4,188 2,546 4,7% 2008 66,432 7,935 54,854 5,011 3,093 5,6% 2009 72,205 8,386 58,894 4,599 2,847 4,9% 2010 74,474 7,964 61,587 4,723 3,013 4,9% 2011 76,659 8,243 62,489 4,912 3,112 5,52% 2012 (prov) 88,582 8,970 73,657 5,152 3,470 4,8% 2013 (prov) 86,650 9,239 72,184 4,820 3,249 4,5% 2014 (prov) 36,384 5,594 31,287 1,767 1,137 3,7% 2012 Jan (prov) 8,194 4,303 6,995 485 326 333 4,7% 4,8% Eeb (prov) 9,060 4,421 7,700 465 316 327 4,1% 4,2% Mar (prov) 11,718 4,628 10,283 592 400 408 3,9% 4,0% Apr (prov) 7,304 4,724 5,991 448 261 -269 4,4% 4,5% Jun (prov) 5,088 4,529 3,865 313 215 -217 5,6% 5,6% Aug (prov) 5,068 4,529 3,865 313 215 -217 5,6% 5,6% Aug (prov) 5,068 4,529 3,865 313 215 -217 5,6% 5,6% Aug (prov) 6,817 4,579 5,748 444 328 -333 5,7% 5,8% Dec (prov) 6,817 4,579 5,748 444 328 -333 5,7% 5,8% Dec (prov) 6,735 4,729 5,698 396 275 -277 4,8% -4,9% Apr (prov) 6,735 4,729 5,698 Apr (prov) 6,735 4,729 5,698 396 275 -277 4,8% -4,9% Apr (prov) 7,344 4,747 7,745 498 312 -221 -221 -221 -221 -221 -221 -221 | | | | | | | | |
| 2008 66,432 7,935 54,854 5,011 3,093 5.6% 2009 72,205 8,386 58,894 4,599 2,847 4,9% 2010 74,474 7,964 61,587 4,723 3,013 4,9% 2011 76,659 8,243 62,489 4,912 3,112 5.2% 2012 (prov) 88,582 8,970 73,657 5,152 3,470 4,8% 2013 (prov) 86,850 9,239 72,184 4,820 3,249 4.5% 2014 (prov) 36,384 5,924 31,287 1,767 1,137 3.7% 2014 (prov) 8,194 4,303 6,995 485 326 333 4,7% 4.8% Feb (prov) 9,060 4,421 7,700 465 316 327 4,1% 4.2% Mar (prov) 11,718 4,628 10,283 592 400 408 3,9% -4,0% Apr (prov) 7,891 4,677 6,534 405 248 254 3,8% -3,9% May (prov) 7,304 4,724 5,991 448 261 -269 4,4% -4,5% Jun (prov) 5,068 4,529 3,865 313 215 -217 5,6% -5,6% Sep (prov) 5,879 4,468 4,740 367 264 -270 5,6% -5,5% Oct (prov) 6,817 4,579 5,748 444 328 -333 57 -6,58% Sep (prov) 6,817 4,579 5,748 444 328 -333 5,7% -5,8% Nov (prov) 9,066 4,717 7,682 599 393 200 -203 3,8 -4,9 -4,9% 2013 Jan (prov) 5,879 4,468 4,740 367 264 -270 5,6% -5,5% Oct (prov) 6,817 4,579 5,748 444 328 -333 5,7% -5,8% Nov (prov) 9,066 4,717 7,682 599 393 401 5,1% -5,2% Dec (prov) 6,735 4,799 5,748 444 328 -333 5,7% -5,8% Nov (prov) 9,066 4,717 7,682 599 393 401 5,1% -5,2% Dec (prov) 6,735 4,799 5,748 444 328 -333 5,7% -5,8% Nov (prov) 9,066 4,717 7,682 599 393 401 5,1% -5,2% Dec (prov) 6,735 4,799 5,748 444 328 -333 5,7% -5,8% Mar (prov) 9,266 4,917 7,345 498 312 -321 42 -24 -4,4% 4,962 599 393 280 -283 3,7% -3,7% Mar (prov) 9,266 4,987 8,011 490 318 -324 4,0% -4,0% Apr (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% -4,9% May (prov) 5,080 4,471 3,889 278 175 -179 4,5% | | | , | , | , | , | , | |
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| Mar (prov) 11,718 4,628 10,283 592 400 - 408 3.9% - 4.0% Apr (prov) 7,891 4,677 6,534 405 248 - 254 3.8% - 3.9% May (prov) 7,304 4,724 5,991 448 261 - 269 4.4% - 4.5% Jun (prov) 5,428 4,599 4,178 325 200 - 203 4.8% - 4.9% Jul (prov) 5,068 4,529 3,865 313 215 - 217 5.6% - 5.6% Aug (prov) 5,422 4,503 4,243 353 244 - 249 5.8% - 5.9% Sep (prov) 5,872 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 8,756 4,917 7,345 498 | 2012 Jan | (prov) | 8,194 | 4,303 | | 485 | 326 - 333 | 4.7% - 4.8% |
| Apr (prov) 7,891 4,677 6,534 405 248 - 254 3.8% - 3.9% May (prov) 7,304 4,724 5,991 448 261 - 269 4.4% - 4.5% Jun (prov) 5,428 4,599 4,178 325 200 - 203 4.8% - 4.9% Jul (prov) 5,068 4,529 3,865 313 215 - 217 5.6% - 5.6% Aug (prov) 5,422 4,503 4,243 353 244 - 249 5.8% - 5.9% Sep (prov) 5,879 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,256 4,967 8,011 490 | Feb | (prov) | 9,060 | 4,421 | 7,700 | 465 | 316 - 327 | 4.1% - 4.2% |
| May (prov) 7,304 4,724 5,991 448 261 - 269 4.4% - 4.5% Jun (prov) 5,428 4,599 4,178 325 200 - 203 4.8% - 4.9% Jul (prov) 5,068 4,529 3,865 313 215 - 217 5.6% - 5.6% Aug (prov) 5,422 4,503 4,243 353 244 - 249 5.8% - 5.9% Sep (prov) 5,879 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% Feb (prov) 9,066 4,918 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,066 4,918 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | Mar | (prov) | 11,718 | 4,628 | | 592 | 400 - 408 | 3.9% - 4.0% |
| Jun (prov) 5,428 4,599 4,178 325 200 - 203 4.8% - 4.9% Jul (prov) 5,068 4,529 3,865 313 215 - 217 5.6% - 5.6% Aug (prov) 5,422 4,503 4,243 353 244 - 249 5.8% - 5.9% Sep (prov) 5,879 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,066 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 | Apr | (prov) | 7,891 | 4,677 | 6,534 | 405 | 248 - 254 | 3.8% - 3.9% |
| Jul (prov) 5,068 4,529 3,865 313 215 - 217 5.6% - 5.6% Aug (prov) 5,422 4,503 4,243 353 244 - 249 5.8% - 5.9% Sep (prov) 5,879 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,066 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 7,354 4,805 5,970 402 | May | (prov) | 7,304 | 4,724 | 5,991 | 448 | | 4.4% - 4.5% |
| Aug (prov) 5,422 4,503 4,243 353 244 - 249 5.8% - 5.9% Sep (prov) 5,879 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% Peb (prov) 9,066 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,066 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | Jun | (prov) | 5,428 | 4,599 | 4,178 | 325 | | 4.8% - 4.9% |
| Sep (prov) 5,879 4,468 4,740 367 264 - 270 5.6% - 5.7% Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,006 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 | | | , | | , | | | |
| Oct (prov) 6,817 4,579 5,748 444 328 - 333 5.7% - 5.8% Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,006 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Aug (prov) 5,080 4,471 3,859 278 | • | , | | | | | | |
| Nov (prov) 9,066 4,717 7,682 559 393 - 401 5.1% - 5.2% Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,006 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Aug (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Sep (prov) 5,983 4,321 4,914 351 | • | , | | | | | | |
| Dec (prov) 6,735 4,729 5,698 396 275 - 277 4.8% - 4.9% 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,006 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | , | | | | | | |
| 2013 Jan (prov) 8,756 4,917 7,345 498 312 - 321 4.2% - 4.4% Feb (prov) 9,006 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% - 5.2% Oct (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | | , | | | | | |
| Feb (prov) 9,006 4,938 7,562 398 280 - 283 3.7% - 3.7% Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | , | , | , | , | | | |
| Mar (prov) 9,256 4,967 8,011 490 318 - 324 4.0% - 4.0% Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 <t< td=""><td></td><td> ,</td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | , | | | | | | |
| Apr (prov) 8,082 4,962 6,608 423 286 - 292 4.3% - 4.4% May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | | | | | | | |
| May (prov) 7,354 4,805 5,970 402 265 - 270 4.4% - 4.5% Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | | | | | | | |
| Jun (prov) 5,087 4,605 3,946 325 193 - 199 4.9% - 5.0% Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | • | , | , | | , | | | |
| Jul (prov) 5,080 4,471 3,859 278 175 - 179 4.5% - 4.6% Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | • | , | | | | | | |
| Aug (prov) 5,550 4,346 4,413 328 223 - 226 5.1% - 5.1% Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | , | | | | | | |
| Sep (prov) 5,983 4,321 4,914 351 253 - 254 5.1% - 5.2% Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | | | | | | | |
| Oct (prov) 7,276 4,400 6,210 470 338 - 342 5.4% - 5.5% Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | • | , | | | | | | |
| Nov (prov) 8,581 4,494 7,442 503 358 - 361 4.8% - 4.9% Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | • | , | | | | | | |
| Dec (prov) 6,839 4,500 5,904 354 248 - 252 4.2% - 4.3% | | | | | | | | |
| | | . , | , | | , | | | |
| | 2014 Jan | (prov) | 9,678 | 4,691 | 8,121 | 534 | 363 - 364 | 4.5% - 4.5% |
| Feb (prov) 9,047 4,705 7,894 429 279 - 280 3.5% - 3.5% | | | | | | | | |
| Mar (prov) 9,579 4,750 8,446 445 289 - 296 3.4% - 3.5% | | , | | | | | | |
| Apr (prov) 8,080 4,710 6,826 359 206 - 209 3.0% - 3.1% | | | , | , | , | | | |

Notes:- The data are a snapshot extracted from Sam. Data for 2012 onwards will remain provisional and subject to revision each month until all culture results are available and final data validation has been carried out. The herd incidence rates for the latest months are given as a range because a number of incidents are still unclassified, so data for these months should be treated as provisional results.

⁽¹⁾ Herds for which tuberculin skin testing is carried out on at least one animal during the period shown. Does not include gamma tests. (same as column 1 in Table 2).

⁽²⁾ Herds that had lost their OTF status at some time during the period shown due to a TB incident.

⁽³⁾ Any test carried out in an OTF herd during the period shown. Does not include gamma tests.

⁽⁴⁾ Herds which were previously OTF but either had cattle that reacted to a tuberculin test or had a tuberculous animal disclosed by routine meat inspection at slaughter, during the period shown.

⁽⁵⁾ New herd incidents (column 4) where OTF status was withdrawn from the herd.

⁽⁶⁾ Column 5 as a percentage of column 3.

Data for 2001 are not comparable with other years. During the outbreak of Foot and Mouth Disease, TB testing was significantly reduced and necessarily targeted to areas of higher risk.

^{**} Data for 2002 are not comparable with other years. Testing resources were concentrated on herds overdue their tests (because of the backlog caused by the Foot and Mouth Disease outbreak).

TABLE 2: TB INCIDENTS IN GREAT BRITAIN - ANIMALS

| | | Total tests on herds | Total cattle tests | Cattle compulsorily slaughtered as reactors or contacts: | | | |
|----------|--------|----------------------|--------------------|--|----------|-----------------|--|
| | | | | Total | Reactors | Direct contacts | |
| | | (1) | (2) | (3) | (4) | (5) | |
| 1996 | | 36,314 | 2,249,891 | 3,776 | 3,151 | 625 | |
| 1997 | | 34,065 | 2,170,630 | 3,384 | 3,017 | 367 | |
| 1998 | | 37,046 | 2,447,848 | 5,685 | 4,782 | 903 | |
| 1999 | | 41,365 | 2,825,177 | 6,754 | 5,794 | 960 | |
| 2000 | _ | 40,669 | 2,931,658 | 8,123 | 6,877 | 1,246 | |
| 2001 | * | 13,187 | 1,181,861 | 6,156 | 5,200 | 956 | |
| 2002 | ** | 49,709 | 3,961,145 | 22,072 | 19,191 | 2,881 | |
| 2003 | | 56,208 | 4,474,526 | 23,972 | 20,798 | 3,174 | |
| 2004 | | 56,836 | 4,604,721 | 22,214 | 19,636 | 2,578 | |
| 2005 | | 55,887 | 4,811,699 | 29,231 | 25,627 | 3,604 | |
| 2006 | | 64,457 | 5,417,573 | 22,062 | 20,090 | 1,972 | |
| 2007 | | 64,145 | 5,753,244 | 26,882 | 25,330 | 1,552 | |
| 2008 | | 66,432 | 6,178,789 | 39,007 | 36,968 | 2,039 | |
| 2009 | | 72,205 | 6,840,568 | 37,979 | 36,739 | 1,240 | |
| 2010 | | 74,474 | 7,447,653 | 31,949 | 31,277 | 672 | |
| 2011 | | 76,659 | 7,587,837 | 34,238 | 33,453 | 785 | |
| 2012 | (prov) | 88,582 | 8,031,272 | 37,734 | 37,049 | 685 | |
| 2013 | (prov) | 86,850 | 8,393,439 | 32,619 | 31,723 | 896 | |
| 2014 | (prov) | 36,384 | 3,542,023 | 11,689 | 11,348 | 341 | |
| 2012 Jan | (prov) | 8,194 | 720,195 | 2,580 | 2,537 | 43 | |
| Feb | (prov) | 9,060 | 781,979 | 3,769 | 3,714 | 55 | |
| Mar | (prov) | 11,718 | 990,667 | 3,124 | 3,090 | 34 | |
| Apr | (prov) | 7,891 | 722,223 | 2,805 | 2,774 | 31 | |
| May | (prov) | 7,304 | 580,122 | 3,467 | 3,414 | 53 | |
| Jun | (prov) | 5,428 | 491,658 | 2,526 | 2,460 | 66 | |
| Jul | (prov) | 5,068 | 477,630 | 3,311 | 3,244 | 67 | |
| Aug | (prov) | 5,422 | 487,429 | 2,989 | 2,864 | 125 | |
| Sep | (prov) | 5,879 | 547,051 | 2,637 | 2,619 | 18 | |
| Oct | (prov) | 6,817 | 656,463 | 3,935 | 3,874 | 61 | |
| Nov | (prov) | 9,066 | 932,913 | 3,753 | 3,681 | 72 | |
| Dec | (prov) | 6,735 | 642,942 | 2,838 | 2,778 | 60 | |
| 2013 Jan | (prov) | 8,756 | 771,367 | 3,200 | 3,141 | 59 | |
| Feb | (prov) | 9,006 | 815,155 | 3,104 | 2,997 | 107 | |
| Mar | (prov) | 9,256 | 854,194 | 2,973 | 2,860 | 113 | |
| Apr | (prov) | 8,082 | 825,277 | 2,726 | 2,690 | 36 | |
| May | (prov) | 7,354 | 664,809 | 3,243 | 2,962 | 281 | |
| Jun | (prov) | 5,087 | 482,595 | 2,035 | 2,004 | 31 | |
| Jul | (prov) | 5,080 | 512,930 | 2,706 | 2,651 | 55 50 | |
| Aug | (prov) | 5,550 | 537,268 | 2,523 | 2,470 | 53 | |
| Sep | (prov) | 5,983 7,276 | 575,812 | 2,105 | 2,067 | 38 | |
| Oct | (prov) | 7,276 | 722,425 | 2,855 | 2,811 | 44 | |
| Nov | (prov) | 8,581 | 926,185 | 2,750 | 2,715 | 35 | |
| Dec | (prov) | 6,839 | 705,422 | 2,399 | 2,355 | 44 | |
| 2014 Jan | (prov) | 9,678 | 998,873 | 2,923 | 2,883 | 40 | |
| Feb | (prov) | 9,047 | 863,662 | 3,004 | 2,871 | 133 | |
| Mar | (prov) | 9,579 8,080 | 879,837 799,651 | 2,896 | 2,847 | 49 | |
| Apr | (prov) | 8,080 | 799,651 | 2,866 | 2,747 | 119 | |

Notes: The data are a snapshot extracted from Sam. Data for 2012 onwards will remain provisional and subject to revision each month until all culture results are available and final data validation has been carried out.

⁽¹⁾ Herds for which tuberculin skin testing is carried out on at least one animal during the period shown. Does not include gamma tests. (same as column 1 in Table 1).

⁽²⁾ Count of the number of tests on cattle. An individual animal could be tested more than once in each time period.

⁽³⁾ Animals compulsorily slaughtered because they reacted to the tuberculin skin test or because they were considered to be direct contacts (see below). Not all of these animals showed evidence of *Mycobacterium bovis* infection at post-mortem examination.

⁽⁴⁾ An animal which was compulsorily slaughtered because it responded to the tuberculin skin test in a way that was consistent with it being infected with *Mycobacterium bovis*.

⁽⁵⁾ An animal in an OTFW incident that, although not a test reactor, was considered to have been exposed to *Mycobacterium bovis* and compulsorily slaughtered.

^{*} Data for 2001 are not comparable with other years. During the outbreak of Foot and Mouth Disease, TB testing was significantly reduced and necessarily targeted to areas of higher risk.

^{**} Data for 2002 are not comparable with other years. Testing resources were concentrated on herds overdue their tests (because of the backlog caused by the Foot and Mouth Disease outbreak).

What is bovine tuberculosis?

Bovine tuberculosis (bTB) is a chronic infectious disease of cattle¹. The risk bTB poses to human health is low, largely due to milk pasteurisation. The disease is detected either on farms (through mandatory skin tests² of cattle herds for bTB at regular intervals) and at abattoirs (through postmortem meat inspection of cattle carcases).

What are the impacts of bTB?

Bovine TB presents serious challenges to the food and farming industries and has economic and social impacts. The economic costs of a bTB breakdown³ are shared by farmers and government; in 2012 the estimated average cost of a confirmed herd breakdown in high risk areas of England was £14,000 to farmers and £20,000 to government⁴. Costs are incurred for a number of reasons:

- Cattle which are found (or are highly likely) to have bTB are slaughtered. This loses the farmer
 the value of the animal and its output. Government pays farmers compensation for slaughtered
 animals which is based on the market value of cattle.
- There are costs associated with testing animals for bTB. Farmers incur costs from gathering
 animals together, such as paying workers for their time, and government pays the vets' fees for
 carrying out tests on the herd (and in the event of a breakdown on herds in neighbouring
 farms).
- When an animal in a herd tests positive for the disease, the whole herd is put under movement restrictions until all the remaining animals are tested repeatedly with negative results. This presents costs to farmers, for example because they are unable to move their cattle to market or buy in replacements for animals that are slaughtered.

Other impacts of high bTB levels can include:

- Restrictions on trade in cattle within Europe⁵
- Significant stress amongst famors, their families and local communities⁶
- The infection spilling over to domestic and wild animals ⁷.

Why monitor statistics about bTB?

Legal requirements: EU Member States are legally required to have accelerated bTB eradication plans in place in order to achieve officially TB free (OTF) status⁸. Defra and Welsh Government policy is to achieve OTF status for the whole country by 2038, while Scotland achieved OTF status in September 2009. bTB statistics are used in England and Wales to measure progress towards this

¹ bTB is caused by the bacterium *Mycobacterium bovis* (*M. bovis*). Cattle are the natural host of the bacterium, but many other species, including wildlife such as badgers and (less commonly) deer, are also susceptible to *M. bovis*, can develop TB and transmit the infection to other species.

² the tuberculin skin test: if tuberculin (a purified sterile cocktail of proteins derived from *M. bovis* cultures) is injected into the skin of an animal infected with *M. bovis*, this will cause a localised allergic reaction characterised by temporary swelling of the skin, which is measured 72hrs after the injection. The principle is very similar to the skin tests for TB in humans.

³ A *breakdown* is the term used to describe the occurrence in a herd of at least one animal with a positive reaction to the skin test, or the identification of *M. bovis* in an animal with TB lesions detected at routine slaughter. The affected herd is then placed under restrictions and loses its Officially TB Free (OTF) status.

⁴ Economic analysis based on research report SE3112 for Defra, 2004

⁵ Because the disease undermines the effective operation of the single market – see the EU Animal Health Strategy

⁶ See for example research report SE3120 for Defra, 2008

⁷ For example Broughan, J. M., Downs, S. H., Crawshaw, T. R., Upton, P. A., Brewer, J. & Clifto-Hadley, R. S. (2013) *Mycobacterium bovis* infections in domesticated non-bovine mammalian species. Part 1: review of epidemiology and laboratory submissions in Great Britain 2004-2010. *Veterinary Journal* **198**, 346-35. See also http://www.defra.gov.uk/animal-diseases/a-z/bovine-tb/animal-keepers/other-species/

⁸ "OTF Status" takes its meaning from European law: for a region or Member State of the EU to be considered to be OTF the annual incidence of herds with confirmed *M. bovis* infection must not have exceeded 0.1% and at least 99.9% of the herds within it must have been free from bTB at the end of the year for at least six consecutive years.

target, and to support the annual case for Scotland to retain its OTF status, as the qualification is based on herd incidence.

Monitoring policy effectiveness: Statistics on the incidence of bTB in cattle herds and the number of cattle slaughtered as a result of bTB are used by policymakers to monitor the spread and concentration of the disease and to inform decisions around the potential approaches to controlling it. Existing controls include routine testing in cattle based on the disease incidence (or risk) in a given area, restricting movements of cattle from herds where an animal has tested positive for the disease and addressing the problem of disease spread through wildlife (principally badgers).

Factors affecting statistics on incidence of bTB in cattle herds

Variation in the monthly statistics can occur for a number of reasons, including:

- **Disease**: an increase in the trend can be the result of a higher proportion of herds experiencing a breakdown because of an increase in the underlying incidence of bTB.
- Surveillance policy (including the frequency of testing): Cattle herds in high risk areas are tested annually and cattle herds in low risk areas are usually tested every four years. If cattle herds in a low prevalence region are tested more frequently than every four years, the increase in the number of bTB tests will not necessarily be followed by a similar increase in the detection of infected cattle and so this may result in a decline in the incidence rate.
- **Seasonality**: more animals are tested when they are housed, during winter months, compared with when they are grazing outdoors in summer months. This is simply because it is easier to gather and test the cattle when they are already contained within a building. The blue trend line in Figures 1 and 2 account for this by presenting seasonally adjusted data.
- Number of testing days in a given month: tests tend to be carried out at the beginning of the
 working week and the results collected and entered into the data system towards the end of
 the week. Months containing five Fridays may therefore have more positive test results than
 months containing four.

An extreme example of the impact of testing on the incidence rate can be seen in the statistics for 2001, when bTB testing was significantly reduced for most of the year due to the outbreak of Foot and Mouth Disease but new bTB breakdowns continued to be detected through disease surveillance in abattoirs. This led to an unusually high incidence rate for 2001 and 2002, when effectively two years' worth of breakdowns were identified in one year when the normal testing regime resumed.

Surveillance policy in GB

These statistics are presented for GB, but the bTB surveillance and control policy – including how frequently animals are tested for bTB – varies between England, Wales and Scotland and has changed over time.

Timeline:

- 1990s: most herds in GB tested every four years and background testing intervals determined on a parish basis. Herds in parishes with a high incidence of bTB breakdowns (in the South West of England and in parts of Wales) are tested on an annual or biennial basis, with a smaller number of three-yearly testing herds.
- 2004 to 2010: the proportion of parishes and herds in England and Wales with annual testing
 increases gradually as the disease spread, with a corresponding decrease in the proportion of
 parishes with four-yearly testing.

⁹ South West, West Midlands and East Sussex, where the majority of TB cases are found and where the prevalence (probability) of TB-infected cattle and badgers is relatively high.

- October 2009: the European Commission designates Scotland as an officially bTB free region of the UK.
- January 2010: In England, a core annual testing area is established, spanning entire counties in the South West and West Midlands (the 'high risk area') and surrounded by a 'buffer' of two-yearly testing parishes. Most of the rest of England remains on background four-year testing. The Welsh Government puts all cattle herds in Wales on annual bTB testing (with herds in the small Intensive Action Area of West Wales put on 6-monthly bTB testing).
- 2011 and 2012: further expansion of the annual testing area in England to the east and north.
- January 2013: herd testing intervals are determined on a county basis and England is split into annual testing and four-yearly testing counties. Annual testing of herds is extended to all the counties at the edge of the high risk area (more detail below). Three- and two-yearly testing is abolished.

Current differences in surveillance policy in GB

- England is divided into two cattle bTB testing frequency areas that broadly reflect the geographically clustered nature of the disease. The majority of bTB cases are found in counties of the South West, West Midlands and East Sussex. These herds are tested for bTB annually and represent nearly 60% of all herds in England. In the rest of England most herds are tested every four years. Herds that have a high risk of contracting bTB or present a potential public health risk (e.g. producer-retailers of unpasteurised milk) are tested annually regardless of their location.
- All herds in Wales are tested annually.
- In **Scotland**, a risk-based routine herd testing policy is in place. This targets testing at higher risk herds and exempts low risk herds from routine testing. Around 35 per cent of herds are exempt from testing, with herds that are not exempt tested every four years.

More information on bovine TB can be found at:

England :-

https://www.gov.uk/government/policies/reducing-bovine-tuberculosis

Wales :-

http://wales.gov.uk/topics/environmentcountryside/ahw/disease/bovinetuberculosis

Scotland :-

http://www.scotland.gov.uk/Topics/farmingrural/Agriculture/animal-welfare/Diseases/disease/tuberculosis

Methodology

For a description of the data sources and methodology used in the calculation of the TB statistics, together with notes on data revisions policy etc. Refer to the Annex document at :- https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/305850/bovinetb-annex-24apr14.pdf

Further Information

This statistical notice and a wide range of other statistics are available on the internet at - https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs/about/statistics