

## TSGB 2008: MOT testing schemes - data tables

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### MOT testing schemes

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[Source: www.dft.gov.uk/pgr/statistics/datatablespublications/vehicles](http://www.dft.gov.uk/pgr/statistics/datatablespublications/vehicles)

## 9.9 Trailer tests by axle type: 1999/00-2007/08

| National totals          |              |              |              |              |              |              |              |              | Thousands     |
|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| First / Annual tests in: | 1999/00      | 2000/01      | 2001/02      | 2002/03      | 2003/04      | 2004/05      | 2005/06      | 2006/07      | 2007/08       |
| 1 axle                   | 7.5          | 7.1          | 6.7          | 6.4          | 6.0          | 5.6          | 5.2          | 5.0          | 4.7           |
| 2 axle                   | 89.8         | 82.2         | 74.1         | 68.9         | 63.9         | 58.4         | 53.9         | 49.0         | 45.9          |
| 3 axle                   | 143.2        | 151.2        | 156.7        | 166.5        | 171.5        | 177.9        | 184.7        | 186.1        | 189.62        |
| 4 axle                   | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2          | 0.2          | 0.2          | 0.2           |
| 5 axle                   | -            | -            | -            | -            | -            | -            | -            | -            | -             |
| <b>Total</b>             | <b>240.6</b> | <b>240.6</b> | <b>237.6</b> | <b>241.9</b> | <b>241.5</b> | <b>242.1</b> | <b>244.1</b> | <b>240.3</b> | <b>240.46</b> |

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The figures in this table are outside the scope of National Statistics  
Source - VOSA

## 9.10 Road vehicle testing scheme (MOT): test results: 1997/98-2007/08

|  | Thousand/percentage |         |         |         |         |         |                    |         |         |         |         |
|--|---------------------|---------|---------|---------|---------|---------|--------------------|---------|---------|---------|---------|
|  | 1997/98             | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04            | 2004/05 | 2005/06 | 2006/07 | 2007/08 |
| <b>(a) Motor cycles</b>  |                     |         |         |         |         |         |                    |         |         |         |         |
| Tested   | 541.1               | 564.4   | 513.8   | 567.8   | 568.4   | 584.9   | 745.0 <sup>1</sup> | 801.0   | 873.2   | 946.4   | 956.8   |
| Failed   | 116.0               | 124.4   | 114.4   | 112.9   | 113.1   | 108.4   | 126.5              | 166.4   | 164.1   | 163.4   | 176.5   |
| Percentage failed  | 21                  | 22      | 22      | 20      | 20      | 19      | 17                 | 21      | 19      | 17      | 18      |
| <b>(b) Cars, light goods vehicles, private passenger vehicles and other passenger vehicles</b> |                     |         |         |         |         |         |                    |         |         |         |         |
| <b>Cars and other passenger vehicles:</b>  |                     |         |         |         |         |         |                    |         |         |         |         |
| Tested   | 21.5                | 22.2    | 22.0    | 22.8    | 22.8    | 22.8    | 22.5               | 20.7    | 22.7    | 26.3    | 27.2    |
| Failed   | 7.8                 | 7.9     | 7.4     | 7.2     | 7.3     | 7.1     | 6.6                | 6.0     | 7.5     | 8.7     | 9.6     |
| Percentage failed  | 36                  | 36      | 34      | 32      | 32      | 31      | 29                 | 29      | 33      | 33      | 35      |
| <b>Light goods vehicles:</b>   |                     |         |         |         |         |         |                    |         |         |         |         |
| Tested   | 0.3                 | 0.2     | 0.3     | 0.3     | 0.3     | 0.4     | 0.5                | 0.6     | 0.4     | 0.5     | 0.6     |
| Failed   | 0.1                 | 0.1     | 0.1     | 0.1     | 0.1     | 0.1     | 0.2                | 0.2     | 0.2     | 0.2     | 0.2     |
| Percentage failed  | 37                  | 37      | 33      | 36      | 34      | 35      | 34                 | 33      | 44      | 43      | 45      |
| <b>Private passenger vehicles:<sup>2</sup></b>   |                     |         |         |         |         |         |                    |         |         |         |         |
| Tested   | 0.03                | 0.03    | 0.03    | 0.03    | 0.03    | 0.03    | 0.04               | 0.03    | 0.05    | 0.05    | 0.05    |
| Failed   | 0.01                | 0.01    | 0.01    | 0.01    | 0.01    | 0.01    | 0.01               | 0.01    | 0.01    | -       | -       |
| Percentage failed  | 28                  | 30      | 21      | 25      | 21      | 20      | 25                 | 17      | 27      | 28      | 31      |
| <b>(c) All vehicles</b>  |                     |         |         |         |         |         |                    |         |         |         |         |
| Tested   | 22.3                | 23.0    | 22.9    | 23.7    | 23.7    | 23.8    | 23.8               | 22.2    | 24.0    | 27.8    | 28.8    |
| Failed   | 8.0                 | 8.1     | 7.6     | 7.4     | 7.5     | 7.3     | 6.9                | 6.3     | 7.9     | 9.1     | 10.0    |
| Percentage failed  | 36                  | 35      | 33      | 31      | 32      | 31      | 29                 | 29      | 33      | 33      | 35      |

1 The overall increase in 2003/04 reflects an increase in small cc scooters, bikes and mopeds being tested

2 Vehicles with more than 12 passenger seats.

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The figures in this table are outside the scope of National Statistics

Source - VOSA

## 9.11 Road passenger service vehicle testing scheme (PSV tests): 1997/98-2007/08

| Thousands of tests and failure rates |               |               |               |               |                      |               |               |               |               |               |               |
|--------------------------------------|---------------|---------------|---------------|---------------|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Year                                 | 1997/98       | 1998/99       | 1999/00       | 2000/01       | 2001/02 <sup>1</sup> | 2002/03       | 2003/04       | 2004/05       | 2005/06       | 2006/07       | 2007/08       |
| <b>First tests:</b>                  |               |               |               |               |                      |               |               |               |               |               |               |
| Passed                               | 64,769        | 62,950        | 67,219        | 67,016        | 65,899               | 65,458        | 67,528        | 67,425        | 69,270        | 69,447        | 70,777        |
| Failed                               | 11,001        | 12,332        | 11,216        | 11,583        | 14,290               | 14,515        | 13,832        | 13,045        | 12,086        | 12,237        | 11,046        |
| <b>Total tested</b>                  | <b>75,770</b> | <b>75,282</b> | <b>78,435</b> | <b>78,599</b> | <b>80,189</b>        | <b>79,973</b> | <b>81,360</b> | <b>80,470</b> | <b>81,356</b> | <b>81,684</b> | <b>81,823</b> |
| <b>Re-tests:</b>                     |               |               |               |               |                      |               |               |               |               |               |               |
| Passed                               | 9,894         | 11,443        | 10,417        | 10,533        | 13,207               | 13,731        | 13,067        | 11,608        | 10,148        | 10,043        | 11,072        |
| Failed                               | 998           | 1,141         | 980           | 1,053         | 1,265                | 1,318         | 1,197         | 1,076         | 847           | 880           | 889           |
| <b>Total tested</b>                  | <b>10,892</b> | <b>12,584</b> | <b>11,397</b> | <b>11,586</b> | <b>14,472</b>        | <b>15,049</b> | <b>14,264</b> | <b>12,684</b> | <b>10,995</b> | <b>10,923</b> | <b>11,961</b> |
| <b>Percentage failed:</b>            |               |               |               |               |                      |               |               |               |               |               |               |
| First test                           | 14.5          | 16.4          | 14.3          | 14.7          | 17.8                 | 18.1          | 17.0          | 16.2          | 14.9          | 15.0          | 13.5          |
| Re-tests                             | 9.2           | 9.1           | 8.6           | 9.1           | 8.7                  | 8.8           | 8.4           | 8.5           | 7.7           | 8.1           | 7.4           |
| <b>All tests</b>                     | <b>13.8</b>   | <b>15.3</b>   | <b>13.6</b>   | <b>14.0</b>   | <b>16.4</b>          | <b>16.7</b>   | <b>15.7</b>   | <b>15.2</b>   | <b>14.0</b>   | <b>14.2</b>   | <b>12.7</b>   |

<sup>1</sup> Due to revisions of testing policy, from 2001/02 onwards fewer defects are now allowed to be rectified at the testing station, resulting in a decrease in passes, an increase in failures and an increase in re-tests

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The figures in this table are outside the scope of National Statistics

Source - VOSA

**9.12 Goods vehicles over 3.5 tonnes testing scheme (HGV Motor vehicles & Trailers):  
1997/98-2007/08**

| Thousands of tests and failure rates |         |         |         |         |                      |         |         |         |         |         |         |
|--------------------------------------|---------|---------|---------|---------|----------------------|---------|---------|---------|---------|---------|---------|
| Year                                 | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 <sup>1</sup> | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 2006/07 | 2007/08 |
| <b>First tests:</b>                  |         |         |         |         |                      |         |         |         |         |         |         |
| Passed                               | 531.7   | 535.5   | 536.1   | 530.0   | 510.5                | 511.5   | 526.9   | 538.9   | 556.9   | 556.1   | 568.1   |
| Failed                               | 157.2   | 158.2   | 163.1   | 166.4   | 192.1                | 196.6   | 182.3   | 168.6   | 155.1   | 150.6   | 135.2   |
| All                                  | 688.9   | 693.6   | 699.2   | 696.4   | 702.6                | 708.0   | 709.1   | 707.4   | 711.9   | 706.7   | 703.3   |
| <b>Re-tests:</b>                     |         |         |         |         |                      |         |         |         |         |         |         |
| Passed                               | 149.9   | 150.3   | 150.7   | 153.9   | 179.1                | 182.7   | 169.5   | 148.0   | 127.9   | 121.5   | 125.5   |
| Failed                               | 21.5    | 22.0    | 23.7    | 24.4    | 31.5                 | 29.9    | 25.8    | 23.9    | 20.5    | 18.5    | 15.3    |
| All                                  | 171.4   | 172.3   | 174.4   | 178.3   | 210.6                | 212.6   | 195.3   | 171.9   | 148.4   | 140.0   | 140.8   |
| <b>Percentage failed:</b>            |         |         |         |         |                      |         |         |         |         |         |         |
| First test                           | 22.8    | 22.8    | 23.3    | 23.9    | 27.3                 | 27.8    | 25.7    | 23.8    | 21.8    | 21.3    | 19.2    |
| Re-tests                             | 12.5    | 12.8    | 13.6    | 13.7    | 15.0                 | 14.1    | 13.2    | 13.9    | 13.8    | 13.2    | 10.9    |
| All tests                            | 20.8    | 20.8    | 21.4    | 21.7    | 24.5                 | 24.6    | 23.0    | 22.0    | 20.4    | 20.0    | 17.8    |

<sup>1</sup> Due to revisions of testing policy, from 2001/02, fewer defects are now allowed to be rectified at the testing station, resulting in a decrease in passes, an increase in failures and an increase in re-tests

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 Figures in this table are  
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 Source - VOSA

**9.13 Road vehicle testing scheme (MOT): percentage of vehicles failing: by type of defect:  
1997/98-2007/08**

| Motor cycles: <sup>1</sup>                            | Percentage |         |         |         |         |         |         |         |                      |                      |                      |
|---|------------|---------|---------|---------|---------|---------|---------|---------|----------------------|----------------------|----------------------|
|   | 1997/98    | 1998/99 | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 <sup>7</sup> | 2006/07 <sup>7</sup> | 2007/08 <sup>7</sup> |
| Brakes  | 7.9        | 7.4     | 8.6     | 6.5     | 6.1     | 5.7     | 5.7     | 7.1     | 5.9                  | 5.2                  | 7.68                 |
| Steering  | 8.3        | 8.9     | 9.2     | 7.9     | 6.6     | 6.7     | 6.7     | 7.4     | 2.7                  | 2.4                  | 2.96                 |
| Lights  | 10.7       | 11.4    | 11.6    | 10.1    | 9.8     | 9.5     | 9.1     | 9.5     | 10.0                 | 9.7                  | 10.44                |
| Tyres   | 5.2        | 5.5     | 6.2     | 4.9     | 4.4     | 4.4     | 4.0     | 4.3     | 3.3                  | 3.0                  | 4.78                 |
| Other   | 7.5        | 7.2     | 5.9     | 6.4     | 6.2     | 5.8     | 5.4     | 6.2     | . <sup>6</sup>       | . <sup>6</sup>       | . <sup>6</sup>       |
| <b>Cars and other passenger vehicles:<sup>2</sup></b> |            |         |         |         |         |         |         |         |                      |                      |                      |
| Brakes  | 15.1       | 14.3    | 13.4    | 12.4    | 12.4    | 12.0    | 11.1    | 10.6    | 11.8                 | 12.0                 | 18.2                 |
| Steering  | 16.8       | 16.8    | 15.8    | 14.4    | 13.9    | 13.5    | 12.3    | 11.4    | 2.7                  | 2.6                  | 3.6                  |
| Lights  | 18.4       | 18.0    | 17.6    | 15.9    | 16.1    | 15.8    | 15.7    | 14.9    | 16.4                 | 16.7                 | 19.0                 |
| Tyres   | 9.2        | 9.3     | 8.9     | 8.1     | 8.0     | 8.2     | 8.0     | 7.7     | 8.0                  | 8.0                  | 13.4                 |
| Petrol emission <sup>3</sup>                          | 7.1        | 6.4     | 5.6     | 4.3     | 3.1     | 2.4     | 1.8     | 1.4     | 2.9                  | 3.1                  | 3.3                  |
| Diesel emission <sup>3</sup>                          | 8.5        | 7.3     | 5.9     | 6.1     | 5.5     | 5.0     | 4.4     | 3.8     | 2.7                  | 2.7                  | 2.3                  |
| Other   | 16.4       | 15.6    | 14.0    | 12.8    | 12.1    | 11.2    | 9.9     | 9.0     | . <sup>6</sup>       | . <sup>6</sup>       | . <sup>6</sup>       |
| <b>Light goods vehicles:<sup>4</sup></b>              |            |         |         |         |         |         |         |         |                      |                      |                      |
| Brakes  | 18.7       | 18.1    | 14.2    | 16.8    | 15.9    | 16.4    | 14.9    | 14.1    | 23.3                 | 23.5                 | 32.0                 |
| Steering  | 21.2       | 20.3    | 17.3    | 19.3    | 17.0    | 19.1    | 16.3    | 16.0    | 6.6                  | 6.4                  | 8.1                  |
| Lights  | 22.5       | 22.4    | 18.7    | 21.2    | 19.9    | 20.5    | 20.4    | 19.0    | 26.1                 | 27.1                 | 29.8                 |
| Tyres   | 9.2        | 8.1     | 7.0     | 7.2     | 7.7     | 7.9     | 6.7     | 7.0     | 7.3                  | 7.3                  | 12.5                 |
| Petrol emission <sup>3</sup>                          | 8.4        | 6.9     | 5.6     | 5.0     | 4.4     | 4.8     | 2.8     | 2.2     | 5.7                  | 7.9                  | 5.5                  |
| Diesel emission <sup>3</sup>                          | 6.4        | 5.6     | 4.6     | 4.6     | 4.0     | 4.3     | 4.0     | 3.1     | 2.1                  | 2.2                  | 2.0                  |
| Reg. plates and VIN                                   | 2.0        | 1.8     | 2.1     | 1.9     | 1.7     | 1.7     | 2.0     | 1.6     | 2.0                  | 2.0                  | 2.3                  |
| Other   | 19.8       | 18.6    | 13.9    | 16.7    | 15.8    | 15.3    | 13.8    | 12.7    | . <sup>6</sup>       | . <sup>6</sup>       | . <sup>6</sup>       |
| <b>Private passenger vehicles:<sup>5</sup></b>        |            |         |         |         |         |         |         |         |                      |                      |                      |
| Brakes  | 13.0       | 9.7     | 7.8     | 7.8     | 7.1     | 6.4     | 10.6    | 6.2     | 11.1                 | 12.1                 | 17.5                 |
| Steering  | 10.6       | 10.8    | 8.1     | 7.6     | 7.5     | 6.7     | 9.3     | 6.2     | 3.0                  | 3.2                  | 4.6                  |
| Lights  | 12.7       | 12.3    | 10.0    | 9.8     | 8.2     | 8.4     | 14.0    | 8.9     | 12.4                 | 13.8                 | 16.0                 |
| Tyres   | 5.9        | 4.3     | 3.0     | 4.0     | 3.0     | 2.5     | 5.2     | 2.5     | 2.4                  | 3.0                  | 5.9                  |
| Petrol emission <sup>3</sup>                          | 4.5        | 4.1     | 2.5     | 2.6     | 1.4     | 1.7     | 1.6     | 2.0     | 4.9                  | 5.8                  | 5.1                  |
| Diesel emission <sup>3</sup>                          | 3.8        | 5.1     | 3.7     | 3.2     | 3.4     | 3.0     | 5.7     | 2.0     | 1.0                  | 1.2                  | 1.1                  |
| Other   | 14.1       | 19.2    | 12.6    | 10.7    | 8.9     | 10.2    | 11.6    | 8.3     | . <sup>6</sup>       | . <sup>6</sup>       | . <sup>6</sup>       |

1 Emissions testing is not carried out on motorcycles.

2 Cars, 3 wheeled vehicles, motor caravans, vehicles with up to 12 passenger seats, taxis, goods vehicles not exceeding 3000kg gross weight

3 Petrol and diesel emissions tests are calculated individually as a percentage of petrol or diesel vehicles tested.

4 Gross weight over 3000kg up to 3500kg

5 Private passenger vehicles with 13 or more passenger seats (including community buses) etc

6 The failure category of Other is no longer applicable with the introduction of the MOT Computerised system

7 From 2005/06 the failure rates are taken from the new MOT Computerised system.

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Source - VOSA