



# Fire Services Examinations Board

REPORT TO THE SECRETARY OF STATE FOR THE DEPARTMENT FOR  
TRANSPORT, LOCAL GOVERNMENT AND THE REGIONS,  
AND THE SCOTTISH MINISTERS ON THE QUALIFYING  
EXAMINATION FOR PROMOTION TO THE RANK OF SUB-OFFICER  
PART I - WRITTEN EXAMINATION 2001

1. The examination was set on the syllabus of study published in December 2000. This was the sixteenth occasion on which the qualifying examination for promotion to the rank of Sub-Officer was conducted by the Board.
2. The assessors responsible for the setting of question papers, the preparation of notes for the guidance of examiners and for the co-ordination of marking were appointed as follows:

Lead Assessor: Mr H E Wright  
General Assessor (Scotland): Mr L I Ibbotson

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|---------|--------------------------------------|---|
| PAPER 1 | Operations                           | Mr I Adam<br><br>Mr A MacInnes –<br>Assessor Designate<br>(AFMR Central Scotland) |
| PAPER 2 | Fire Safety, Education & Enforcement | Mr R Hards<br>(CFO Isle of Wight)   |
| PAPER 3 | Human Resources Management           | Mr A McGuirk<br>(DCFO Merseyside)   |
| PAPER 4 | Business Administration              | Mr M Elliott<br>(CFO Cumbria)   |

3. Examination centres at 62 locations were arranged by the local examination boards.
4. The examination was held on Thursday 4 October 2001.
5. 1741 candidates initially entered for the examination as at the Board's closing date for entries (1 August). However, the final number of candidates entering the examination was 1701, after late entries and withdrawals had both been accepted. 292 (17.2%) absented themselves from the examination. Thus, the number of candidates who attended the examination was 1409.

6. A total of 80 officers attended the marking session together with the assessors, one assessor designate, the General Assessor (Scotland) and the Lead Assessor.
7. The marking of scripts took place at Daventry from 28 October to 2 November 2001.

## RESULTS

8. Of the 1409 candidates, who attempted the examination, 262 (18.6%) of those who sat were awarded a pass in the whole examination. *Appendix B (Table II) shows the cumulative results for all candidates entered.*
9. The 1409 candidates attempting the examination included 40 females, of whom 12 were successful in passing the whole examination.
10. The top candidate, Firefighter Colin A Wallace, attained 82% in Paper 1, 90% in Paper 2, 91% in Paper 3 and 76% in Paper 4. The candidate scored 84% overall.
11. 292 candidates were absent for all papers of the examination. In addition, 68 candidates were absent from individual papers and under the Restriction of Entry Scheme, 26 candidates (7.2%) appealed to the Board against their automatic barring from next year's examination. Under the delegated authority given to the Chairman all appeals were individually considered and all 26 (100%) were upheld.

## GENERAL COMMENTS

12. The number of candidates who entered the 2001 examination was 1701, an increase of 120 (7.6%), and the number of candidates absenting themselves was 292 (17.2%) which in both numerical and percentage terms is an increase. This left 1409 candidates actually attempting the examination, an increase of 64 when compared with last year.
13. Of the 1409 candidates who sat the examination, 262 (18.6%) were awarded a pass, which is a small numerical increase but the same percentage figure as that achieved in 2000.
14. This was the second year of the new examination format using four papers with all questions to be answered and this enables comparisons to be made.
15. As a result of the flexible system of taking the examination, 1094 are indicated as having obtained a pass in at least one of the four papers of the examination and are able to progress towards achieving a full pass. This compares with 1027 following last year's examination.
16. Whilst there were numerous excellent scripts submitted by candidates these regrettably are in the great minority and it was evident that many were ill-prepared for the examination. 179 (10.5%) failed to achieve any passes which is a comparative increase in both numerical and percentage terms.

17. Paper 1 - Operations provided a pass rate of 38.5% which is an improvement on the pass rate of 20.7% achieved last year. The weaker responses related to the operational needs to effectively deal with a crashed tanker discharging petroleum spirit, and the application of legislation to obtain sufficient water for fire fighting purposes.
18. Paper 2 – Fire Safety, Education and Enforcement provided a reduced pass rate of 29.9% to that achieved last year (44.3%). The knowledge and understanding of fire investigation was a very weak area and the main reason for the relatively poor pass rate.
19. Paper 3 – Human Resource Management, provided a reduced pass rate of 24.7% which was especially disappointing when compared to a relatively low pass rate of 29.8% last year. The better knowledge of candidates related to the grievance procedure and the procedures and entitlements related to absence from work due to sickness. Weaker areas were best practises on training, risk assessment, and the minimum requirements for health in the Workplace (Health, Safety and Welfare) Regulations 1992.
20. Paper 4 – Business Administration dealt with numeracy and provided a pass rate of 60.8% which is disappointing when compared to the pass rate of 81.0% last year. The main reason for this poorer result was the calculations related to bund wall heights for storage areas with many illogical heights being forwarded as answers.
21. There were no problems with the format of the examination or the instructions to candidates contained in the individual papers.

#### ASSESSORS AND EXAMINERS' REPORT

22. Detailed comments of the assessors and examiners in connection with the answering of individual questions have been prepared and will be issued to brigades.

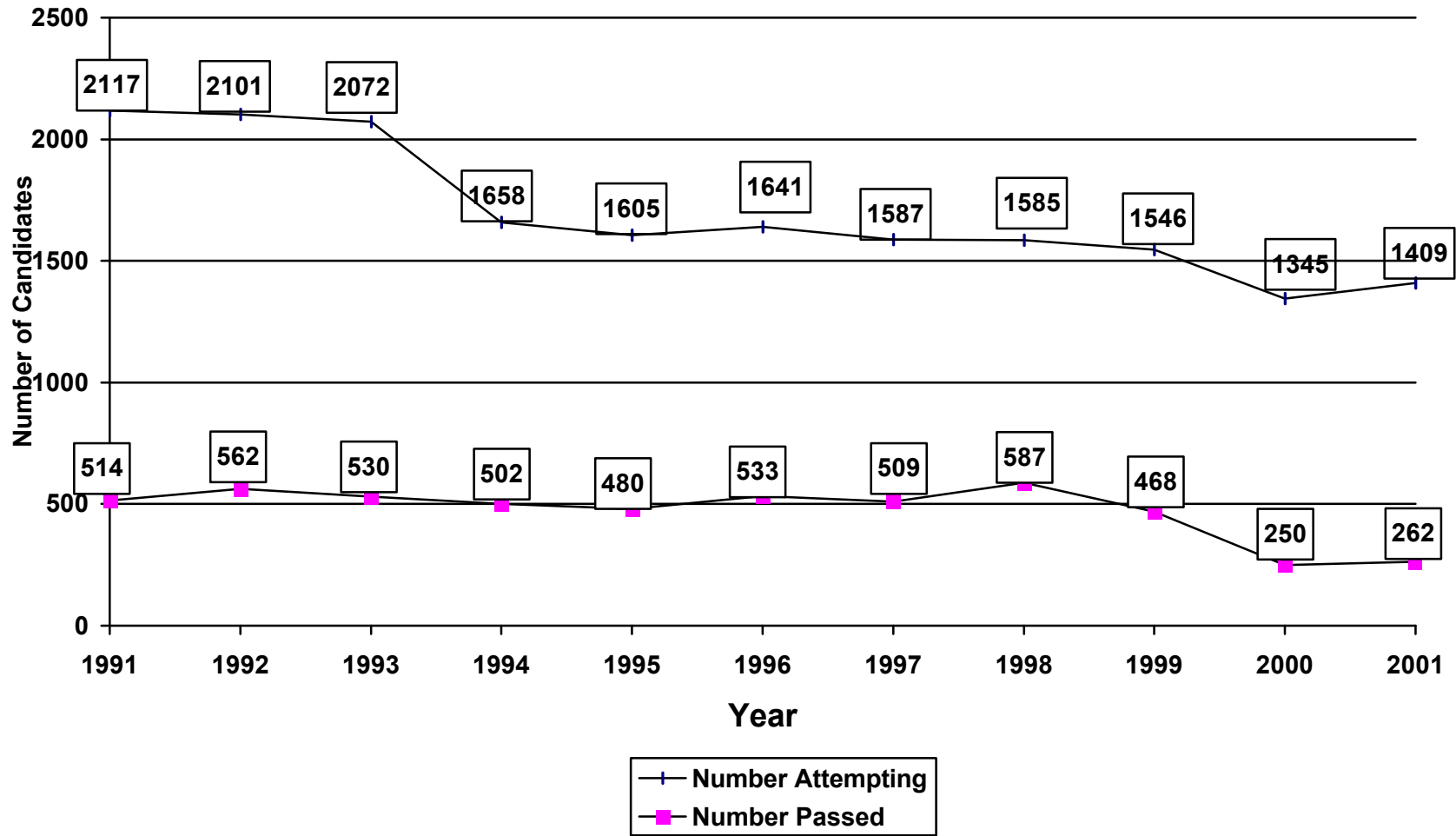
#### SUMMARY OF RESULTS

23. The following tables show the results in the examination as a whole, in both graphical and tabular format. A graph showing the numbers attempting the examination and the numbers passing is attached at Appendix A. A summary of statistics is attached at Appendix B and a full statistical report for the examination, including an analysis by brigade is attached at Appendix C.

G Meldrum  
Chairman

D Stanley  
Secretary

### Sub-Officers' Written Examination 1991 to 2001





## Fire Services Examinations Board

### Qualifying Examination for Promotion to the Rank of Sub-Officer 2001 Written Examination

#### SUMMARY OF STATISTICS

For All Examination Boards

#### Entry Summary

The following table provides a breakdown of candidates by the number of papers they have entered for the above examination.

Table I

| Quantity of Papers | Overall Total |            |              |             |              |
|--------------------|---------------|------------|--------------|-------------|--------------|
|                    | Entered       | Absent     |              | Sat         |              |
|                    | No            | No         | %            | No          | %            |
| 1                  | 128           | 4          | 3.13         | 124         | 96.88        |
| 2                  | 399           | 46         | 11.53        | 353         | 88.47        |
| 3                  | 477           | 100        | 20.96        | 377         | 79.04        |
| 4                  | 697           | 142        | 20.37        | 555         | 79.63        |
| <b>TOTAL</b>       | <b>1701</b>   | <b>292</b> | <b>17.17</b> | <b>1409</b> | <b>82.83</b> |

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| <b>Overall Cumulative Results</b> |
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The following table shows the cumulative results for candidates entered (including absentees) for the above examination.

**Table II**

| Paper Passes                      | Overall Total |               |
|-----------------------------------|---------------|---------------|
|                                   | No            | %             |
| Passed All Papers                 | 262           | 15.40         |
| Passed 3 Papers                   | 192           | 11.29         |
| Passed 2 Papers                   | 362           | 21.28         |
| Passed 1 Paper                    | 540           | 31.75         |
| Passed 0 Papers                   | 179           | 10.52         |
| Absent With No Cumulative Credits | 166           | 9.76          |
| <b>Total Candidates Entered</b>   | <b>1701</b>   | <b>100.00</b> |

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| <b>Paper Summary</b> |
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The following table provides a breakdown of the number of candidates entered for a particular paper in the above examination and the respective results.

**Table III**

| Paper Number | Overall Total |        |       |      |       |        |       |
|--------------|---------------|--------|-------|------|-------|--------|-------|
|              | Entered       | Absent |       | Sat  |       | Passed |       |
|              | No            | No     | %     | No   | %     | No     | %     |
| Paper 1      | 1408          | 296    | 21.02 | 1112 | 78.98 | 428    | 38.49 |
| Paper 2      | 1360          | 302    | 22.21 | 1058 | 77.79 | 316    | 29.87 |
| Paper 3      | 1526          | 304    | 19.92 | 1222 | 80.08 | 302    | 24.71 |
| Paper 4      | 851           | 168    | 19.74 | 683  | 80.26 | 415    | 60.76 |

Note: Passed percentage is calculated against the number of candidates who sat the paper.



## Fire Services Examinations Board

### Qualifying Examination for Promotion to the Rank of Sub-Officer 2001 Written Examination

#### FULL STATISTICAL REPORT

#### ANALYSIS OF ENTRIES BY AGE GROUP

The following table shows the distribution of candidates by age and their cumulative performance in the above examination.

Table I

| Age Group      | Passed Complete Exam |              | Passed 3 Papers |              | Passed 2 Papers |              | Passed 1 Paper |              | Passed 0 Papers |              | Absent With No Credits |             | Total Entered |
|----------------|----------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|-----------------|--------------|------------------------|-------------|---------------|
|                | No                   | %            | No              | %            | No              | %            | No             | %            | No              | %            | No                     | %           | No            |
| Up To 20 Years | 0                    |              | 0               |              | 0               |              | 0              |              | 0               |              | 0                      |             | 0             |
| 20 To 24       | 8                    | 20.51        | 4               | 10.26        | 14              | 35.90        | 8              | 20.51        | 2               | 5.13         | 3                      | 7.69        | 39            |
| 25 To 29       | 66                   | 20.18        | 42              | 12.84        | 72              | 22.02        | 90             | 27.52        | 26              | 7.95         | 31                     | 9.48        | 327           |
| 30 To 34       | 106                  | 16.72        | 84              | 13.25        | 137             | 21.61        | 203            | 32.02        | 56              | 8.83         | 48                     | 7.57        | 634           |
| 35 To 39       | 67                   | 14.50        | 36              | 7.79         | 103             | 22.29        | 154            | 33.33        | 56              | 12.12        | 46                     | 9.96        | 462           |
| 40 To 44       | 12                   | 7.06         | 21              | 12.35        | 30              | 17.65        | 54             | 31.76        | 27              | 15.88        | 26                     | 15.29       | 170           |
| 45 To 49       | 3                    | 4.55         | 5               | 7.58         | 6               | 9.09         | 29             | 43.94        | 12              | 18.18        | 11                     | 16.67       | 66            |
| 50 +           | 0                    | 0.00         | 0               | 0.00         | 0               | 0.00         | 2              | 66.67        | 0               | 0.00         | 1                      | 33.33       | 3             |
| <b>TOTALS:</b> | <b>262</b>           | <b>15.40</b> | <b>192</b>      | <b>11.29</b> | <b>362</b>      | <b>21.28</b> | <b>540</b>     | <b>31.75</b> | <b>179</b>      | <b>10.52</b> | <b>166</b>             | <b>9.76</b> | <b>1701</b>   |

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| ANALYSIS OF ENTRIES BY RANK |
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The following table shows the distribution of candidates by rank and their cumulative performance in the above examination.

Table II

| Rank                | Passed Complete Exam |       | Passed 3 Papers |       | Passed 2 Papers |       | Passed 1 Paper |       | Passed 0 Papers |       | Absent With No Credits |      | Total Entered |
|---------------------|----------------------|-------|-----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|------------------------|------|---------------|
|                     | No                   | %     | No              | %     | No              | %     | No             | %     | No              | %     | No                     | %    | No            |
| Firefighter         | 193                  | 16.58 | 141             | 12.11 | 251             | 21.56 | 337            | 28.95 | 126             | 10.82 | 116                    | 9.97 | 1164          |
| Leading Firefighter | 69                   | 12.85 | 51              | 9.50  | 111             | 20.67 | 203            | 37.80 | 53              | 9.87  | 50                     | 9.31 | 537           |
| TOTALS:             | 262                  | 15.40 | 192             | 11.29 | 362             | 21.28 | 540            | 31.75 | 179             | 10.52 | 166                    | 9.76 | 1701          |

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| ANALYSIS OF ENTRIES BY GENDER |
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The following table shows the distribution of candidates by gender and their cumulative performance in the above examination.

Table III

| Gender  | Passed Complete Exam |       | Passed 3 Papers |       | Passed 2 Papers |       | Passed 1 Paper |       | Passed 0 Papers |       | Absent With No Credits |       | Total Entered |
|---------|----------------------|-------|-----------------|-------|-----------------|-------|----------------|-------|-----------------|-------|------------------------|-------|---------------|
|         | No                   | %     | No              | %     | No              | %     | No             | %     | No              | %     | No                     | %     | No            |
| Female  | 12                   | 26.67 | 7               | 15.56 | 12              | 26.67 | 7              | 15.56 | 2               | 4.44  | 5                      | 11.11 | 45            |
| Male    | 250                  | 15.10 | 185             | 11.17 | 350             | 21.14 | 533            | 32.19 | 177             | 10.69 | 161                    | 9.72  | 1656          |
| TOTALS: | 262                  | 15.40 | 192             | 11.29 | 362             | 21.28 | 540            | 31.75 | 179             | 10.52 | 166                    | 9.76  | 1701          |

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| ANALYSIS OF ENTRIES BY LENGTH OF SERVICE |
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The following table shows the distribution of candidates by length of service and their cumulative performance in the above examination.

Table IV

| Length of Service<br>Years | Passed Complete Exam |              | Passed 3 Papers |              | Passed 2 Papers |              | Passed 1 Paper |              | Passed 0 Papers |              | Absent With No Credits |             | Total Entered<br>No |
|----------------------------|----------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|-----------------|--------------|------------------------|-------------|---------------------|
|                            | No                   | %            | No              | %            | No              | %            | No             | %            | No              | %            | No                     | %           |                     |
| 0                          | 0                    |              | 0               |              | 0               |              | 0              |              | 0               |              | 0                      |             | 0                   |
| 1                          | 12                   | 32.43        | 6               | 16.22        | 12              | 32.43        | 5              | 13.51        | 2               | 5.41         | 0                      | 0.00        | 37                  |
| 2                          | 29                   | 23.77        | 17              | 13.93        | 30              | 24.59        | 30             | 24.59        | 8               | 6.56         | 8                      | 6.56        | 122                 |
| 3                          | 46                   | 21.80        | 20              | 9.48         | 42              | 19.91        | 61             | 28.91        | 18              | 8.53         | 24                     | 11.37       | 211                 |
| 4                          | 33                   | 21.57        | 25              | 16.34        | 32              | 20.92        | 41             | 26.80        | 9               | 5.88         | 13                     | 8.50        | 153                 |
| 5                          | 25                   | 18.94        | 18              | 13.64        | 25              | 18.94        | 39             | 29.55        | 13              | 9.85         | 12                     | 9.09        | 132                 |
| 6                          | 18                   | 15.79        | 19              | 16.67        | 22              | 19.30        | 40             | 35.09        | 7               | 6.14         | 8                      | 7.02        | 114                 |
| 7                          | 12                   | 11.32        | 13              | 12.26        | 30              | 28.30        | 36             | 33.96        | 8               | 7.55         | 7                      | 6.60        | 106                 |
| 8                          | 10                   | 11.11        | 3               | 3.33         | 27              | 30.00        | 36             | 40.00        | 10              | 11.11        | 4                      | 4.44        | 90                  |
| 9                          | 12                   | 12.63        | 8               | 8.42         | 22              | 23.16        | 32             | 33.68        | 14              | 14.74        | 7                      | 7.37        | 95                  |
| 10                         | 13                   | 17.11        | 11              | 14.47        | 14              | 18.42        | 22             | 28.95        | 11              | 14.47        | 5                      | 6.58        | 76                  |
| 11                         | 10                   | 11.90        | 6               | 7.14         | 22              | 26.19        | 28             | 33.33        | 9               | 10.71        | 9                      | 10.71       | 84                  |
| 12                         | 9                    | 10.59        | 7               | 8.24         | 9               | 10.59        | 32             | 37.65        | 14              | 16.47        | 14                     | 16.47       | 85                  |
| 13                         | 8                    | 12.50        | 11              | 17.19        | 15              | 23.44        | 15             | 23.44        | 10              | 15.63        | 5                      | 7.81        | 64                  |
| 14                         | 4                    | 6.90         | 3               | 5.17         | 14              | 24.14        | 22             | 37.93        | 6               | 10.34        | 9                      | 15.52       | 58                  |
| 15                         | 3                    | 6.25         | 5               | 10.42        | 11              | 22.92        | 18             | 37.50        | 5               | 10.42        | 6                      | 12.50       | 48                  |
| 16                         | 2                    | 6.25         | 3               | 9.38         | 3               | 9.38         | 12             | 37.50        | 7               | 21.88        | 5                      | 15.63       | 32                  |
| 17                         | 7                    | 20.59        | 2               | 5.88         | 6               | 17.65        | 9              | 26.47        | 5               | 14.71        | 5                      | 14.71       | 34                  |
| 18                         | 1                    | 4.00         | 4               | 16.00        | 6               | 24.00        | 10             | 40.00        | 3               | 12.00        | 1                      | 4.00        | 25                  |
| 19                         | 0                    | 0.00         | 1               | 9.09         | 2               | 18.18        | 3              | 27.27        | 2               | 18.18        | 3                      | 27.27       | 11                  |
| 20                         | 1                    | 4.55         | 0               | 0.00         | 6               | 27.27        | 8              | 36.36        | 1               | 4.55         | 6                      | 27.27       | 22                  |
| 21                         | 3                    | 23.08        | 3               | 23.08        | 0               | 0.00         | 4              | 30.77        | 2               | 15.38        | 1                      | 7.69        | 13                  |
| 22                         | 3                    | 8.11         | 3               | 8.11         | 6               | 16.22        | 15             | 40.54        | 5               | 13.51        | 5                      | 13.51       | 37                  |
| 23                         | 0                    | 0.00         | 4               | 19.05        | 3               | 14.29        | 6              | 28.57        | 4               | 19.05        | 4                      | 19.05       | 21                  |
| 24                         | 0                    | 0.00         | 0               | 0.00         | 1               | 11.11        | 4              | 44.44        | 3               | 33.33        | 1                      | 11.11       | 9                   |
| 25                         | 1                    | 14.29        | 0               | 0.00         | 2               | 28.57        | 2              | 28.57        | 1               | 14.29        | 1                      | 14.29       | 7                   |
| 26                         | 0                    | 0.00         | 0               | 0.00         | 0               | 0.00         | 7              | 77.78        | 1               | 11.11        | 1                      | 11.11       | 9                   |
| 27                         | 0                    | 0.00         | 0               | 0.00         | 0               | 0.00         | 2              | 50.00        | 1               | 25.00        | 1                      | 25.00       | 4                   |
| 28                         | 0                    |              | 0               |              | 0               |              | 0              |              | 0               |              | 0                      |             | 0                   |
| 29                         | 0                    | 0.00         | 0               | 0.00         | 0               | 0.00         | 1              | 50.00        | 0               | 0.00         | 1                      | 50.00       | 2                   |
| <b>TOTALS:</b>             | <b>262</b>           | <b>15.40</b> | <b>192</b>      | <b>11.29</b> | <b>362</b>      | <b>21.28</b> | <b>540</b>     | <b>31.75</b> | <b>179</b>      | <b>10.52</b> | <b>166</b>             | <b>9.76</b> | <b>1701</b>         |

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| <b>ANALYSIS OF ENTRIES BY ETHNIC ORIGIN</b> |
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The following table shows the distribution of candidates by ethnic origin and their cumulative performance in the above examination.

**Table V**

| Ethnic Origin   | Passed Complete Exam |              | Passed 3 Papers |              | Passed 2 Papers |              | Passed 1 Paper |              | Passed 0 Papers |              | Absent With No Credits |             | Total Entered |
|-----------------|----------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|-----------------|--------------|------------------------|-------------|---------------|
|                 | No                   | %            | No              | %            | No              | %            | No             | %            | No              | %            | No                     | %           | No            |
| Black-African   | 0                    | 0.00         | 0               | 0.00         | 0               | 0.00         | 1              | 50.00        | 1               | 50.00        | 0                      | 0.00        | 2             |
| Black-Caribbean | 0                    | 0.00         | 0               | 0.00         | 1               | 11.11        | 3              | 33.33        | 3               | 33.33        | 2                      | 22.22       | 9             |
| Black-Other     | 1                    | 11.11        | 1               | 11.11        | 3               | 33.33        | 4              | 44.44        | 0               | 0.00         | 0                      | 0.00        | 9             |
| Chinese         | 0                    | 0.00         | 0               | 0.00         | 0               | 0.00         | 0              | 0.00         | 1               | 100.00       | 0                      | 0.00        | 1             |
| Declined To Say | 8                    | 13.11        | 5               | 8.20         | 11              | 18.03        | 18             | 29.51        | 14              | 22.95        | 5                      | 8.20        | 61            |
| Indian          | 0                    | 0.00         | 0               | 0.00         | 2               | 100.00       | 0              | 0.00         | 0               | 0.00         | 0                      | 0.00        | 2             |
| Other           | 2                    | 13.33        | 0               | 0.00         | 1               | 6.67         | 8              | 53.33        | 3               | 20.00        | 1                      | 6.67        | 15            |
| White           | 251                  | 15.67        | 186             | 11.61        | 344             | 21.47        | 506            | 31.59        | 157             | 9.80         | 158                    | 9.86        | 1602          |
| <b>TOTALS:</b>  | <b>262</b>           | <b>15.40</b> | <b>192</b>      | <b>11.29</b> | <b>362</b>      | <b>21.28</b> | <b>540</b>     | <b>31.75</b> | <b>179</b>      | <b>10.52</b> | <b>166</b>             | <b>9.76</b> | <b>1701</b>   |

|                                       |
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| <b>ANALYSIS OF ENTRIES BY BRIGADE</b> |
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The following table shows the cumulative results achieved in each brigade (grouped in local examination boards). The percentage figure for absentees is calculated on the number of candidates entering the examination.

Table VI

| Board              | Brigade              | Passed Complete Exam |              | Passed 3 Papers |              | Passed 2 Papers |              | Passed 1 Paper |              | Passed 0 Papers |              | Absent With No Credits |              | Total Entered | Total Absent |              |
|--------------------|----------------------|----------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|-----------------|--------------|------------------------|--------------|---------------|--------------|--------------|
|                    |                      | No                   | %            | No              | %            | No              | %            | No             | %            | No              | %            | No                     | %            | No            | No           | %            |
| A                  | Cleveland            | 0                    | 0.00         | 1               | 5.88         | 4               | 23.53        | 5              | 29.41        | 3               | 17.65        | 4                      | 23.53        | 17            | 6            | 35.29        |
| A                  | Durham & Darlington  | 4                    | 22.22        | 2               | 11.11        | 4               | 22.22        | 7              | 38.89        | 1               | 5.56         | 0                      | 0.00         | 18            | 2            | 11.11        |
| A                  | Northumberland       | 3                    | 60.00        | 1               | 20.00        | 1               | 20.00        | 0              | 0.00         | 0               | 0.00         | 0                      | 0.00         | 5             | 0            | 0.00         |
| A                  | Tyne & Wear          | 7                    | 24.14        | 8               | 27.59        | 5               | 17.24        | 5              | 17.24        | 2               | 6.90         | 2                      | 6.90         | 29            | 2            | 6.90         |
| <b>Sub-Totals:</b> |                      | <b>14</b>            | <b>20.29</b> | <b>12</b>       | <b>17.39</b> | <b>14</b>       | <b>20.29</b> | <b>17</b>      | <b>24.64</b> | <b>6</b>        | <b>8.70</b>  | <b>6</b>               | <b>8.70</b>  | <b>69</b>     | <b>10</b>    | <b>14.49</b> |
| B                  | Humberside           | 6                    | 16.22        | 7               | 18.92        | 5               | 13.51        | 13             | 35.14        | 4               | 10.81        | 2                      | 5.41         | 37            | 5            | 13.51        |
| B                  | North Yorkshire      | 5                    | 45.45        | 2               | 18.18        | 3               | 27.27        | 0              | 0.00         | 0               | 0.00         | 1                      | 9.09         | 11            | 1            | 9.09         |
| B                  | South Yorkshire      | 10                   | 22.73        | 5               | 11.36        | 8               | 18.18        | 13             | 29.55        | 4               | 9.09         | 4                      | 9.09         | 44            | 7            | 15.91        |
| B                  | West Yorkshire       | 4                    | 9.52         | 7               | 16.67        | 12              | 28.57        | 11             | 26.19        | 7               | 16.67        | 1                      | 2.38         | 42            | 3            | 7.14         |
| <b>Sub-Totals:</b> |                      | <b>25</b>            | <b>18.66</b> | <b>21</b>       | <b>15.67</b> | <b>28</b>       | <b>20.90</b> | <b>37</b>      | <b>27.61</b> | <b>15</b>       | <b>11.19</b> | <b>8</b>               | <b>5.97</b>  | <b>134</b>    | <b>16</b>    | <b>11.94</b> |
| C                  | Cumbria              | 1                    | 6.25         | 2               | 12.50        | 4               | 25.00        | 3              | 18.75        | 4               | 25.00        | 2                      | 12.50        | 16            | 3            | 18.75        |
| C                  | Greater Manchester   | 11                   | 14.67        | 5               | 6.67         | 17              | 22.67        | 23             | 30.67        | 10              | 13.33        | 9                      | 12.00        | 75            | 16           | 21.33        |
| C                  | Lancashire           | 8                    | 17.78        | 4               | 8.89         | 11              | 24.44        | 11             | 24.44        | 5               | 11.11        | 6                      | 13.33        | 45            | 11           | 24.44        |
| <b>Sub-Totals:</b> |                      | <b>20</b>            | <b>14.71</b> | <b>11</b>       | <b>8.09</b>  | <b>32</b>       | <b>23.53</b> | <b>37</b>      | <b>27.21</b> | <b>19</b>       | <b>13.97</b> | <b>17</b>              | <b>12.50</b> | <b>136</b>    | <b>30</b>    | <b>22.06</b> |
| D                  | Cheshire             | 7                    | 26.92        | 3               | 11.54        | 3               | 11.54        | 7              | 26.92        | 2               | 7.69         | 4                      | 15.38        | 26            | 6            | 23.08        |
| D                  | Isle of Man          | 0                    | 0.00         | 0               | 0.00         | 1               | 20.00        | 3              | 60.00        | 1               | 20.00        | 0                      | 0.00         | 5             | 1            | 20.00        |
| D                  | Merseyside           | 3                    | 17.65        | 1               | 5.88         | 5               | 29.41        | 5              | 29.41        | 1               | 5.88         | 2                      | 11.76        | 17            | 4            | 23.53        |
| <b>Sub-Totals:</b> |                      | <b>10</b>            | <b>20.83</b> | <b>4</b>        | <b>8.33</b>  | <b>9</b>        | <b>18.75</b> | <b>15</b>      | <b>31.25</b> | <b>4</b>        | <b>8.33</b>  | <b>6</b>               | <b>12.50</b> | <b>48</b>     | <b>11</b>    | <b>22.92</b> |
| E                  | Shropshire           | 2                    | 15.38        | 3               | 23.08        | 4               | 30.77        | 4              | 30.77        | 0               | 0.00         | 0                      | 0.00         | 13            | 2            | 15.38        |
| E                  | Staffordshire        | 5                    | 27.78        | 1               | 5.56         | 4               | 22.22        | 6              | 33.33        | 1               | 5.56         | 1                      | 5.56         | 18            | 2            | 11.11        |
| E                  | Warwickshire         | 4                    | 16.00        | 0               | 0.00         | 4               | 16.00        | 9              | 36.00        | 3               | 12.00        | 5                      | 20.00        | 25            | 10           | 40.00        |
| E                  | West Midlands        | 17                   | 16.67        | 13              | 12.75        | 18              | 17.65        | 34             | 33.33        | 8               | 7.84         | 12                     | 11.76        | 102           | 27           | 26.47        |
| E                  | Hereford and Worcs   | 2                    | 13.33        | 1               | 6.67         | 4               | 26.67        | 8              | 53.33        | 0               | 0.00         | 0                      | 0.00         | 15            | 3            | 20.00        |
| <b>Sub-Totals:</b> |                      | <b>30</b>            | <b>17.34</b> | <b>18</b>       | <b>10.40</b> | <b>34</b>       | <b>19.65</b> | <b>61</b>      | <b>35.26</b> | <b>12</b>       | <b>6.94</b>  | <b>18</b>              | <b>10.40</b> | <b>173</b>    | <b>44</b>    | <b>25.43</b> |
| F                  | Derbyshire           | 4                    | 30.77        | 2               | 15.38        | 2               | 15.38        | 3              | 23.08        | 1               | 7.69         | 1                      | 7.69         | 13            | 1            | 7.69         |
| F                  | Leicestershire       | 2                    | 10.53        | 6               | 31.58        | 4               | 21.05        | 7              | 36.84        | 0               | 0.00         | 0                      | 0.00         | 19            | 4            | 21.05        |
| F                  | Nottinghamshire      | 4                    | 26.67        | 0               | 0.00         | 4               | 26.67        | 6              | 40.00        | 0               | 0.00         | 1                      | 6.67         | 15            | 3            | 20.00        |
| <b>Sub-Totals:</b> |                      | <b>10</b>            | <b>21.28</b> | <b>8</b>        | <b>17.02</b> | <b>10</b>       | <b>21.28</b> | <b>16</b>      | <b>34.04</b> | <b>1</b>        | <b>2.13</b>  | <b>2</b>               | <b>4.26</b>  | <b>47</b>     | <b>8</b>     | <b>17.02</b> |
| G                  | Cambridgeshire       | 0                    | 0.00         | 2               | 16.67        | 3               | 25.00        | 4              | 33.33        | 1               | 8.33         | 2                      | 16.67        | 12            | 3            | 25.00        |
| G                  | Lincolnshire         | 4                    | 19.05        | 5               | 23.81        | 7               | 33.33        | 4              | 19.05        | 1               | 4.76         | 0                      | 0.00         | 21            | 6            | 28.57        |
| G                  | Norfolk              | 4                    | 17.39        | 3               | 13.04        | 1               | 4.35         | 10             | 43.48        | 3               | 13.04        | 2                      | 8.70         | 23            | 7            | 30.43        |
| <b>Sub-Totals:</b> |                      | <b>8</b>             | <b>14.29</b> | <b>10</b>       | <b>17.86</b> | <b>11</b>       | <b>19.64</b> | <b>18</b>      | <b>32.14</b> | <b>5</b>        | <b>8.93</b>  | <b>4</b>               | <b>7.14</b>  | <b>56</b>     | <b>16</b>    | <b>28.57</b> |
| H                  | Bedfordshire & Luton | 3                    | 30.00        | 0               | 0.00         | 1               | 10.00        | 4              | 40.00        | 2               | 20.00        | 0                      | 0.00         | 10            | 0            | 0.00         |
| H                  | Northamptonshire     | 3                    | 20.00        | 0               | 0.00         | 4               | 26.67        | 4              | 26.67        | 2               | 13.33        | 2                      | 13.33        | 15            | 2            | 13.33        |
| H                  | Oxfordshire          | 2                    | 10.00        | 5               | 25.00        | 4               | 20.00        | 7              | 35.00        | 2               | 10.00        | 0                      | 0.00         | 20            | 2            | 10.00        |
| <b>Sub-Totals:</b> |                      | <b>8</b>             | <b>17.78</b> | <b>5</b>        | <b>11.11</b> | <b>9</b>        | <b>20.00</b> | <b>15</b>      | <b>33.33</b> | <b>6</b>        | <b>13.33</b> | <b>2</b>               | <b>4.44</b>  | <b>45</b>     | <b>4</b>     | <b>8.89</b>  |
| I                  | Essex                | 9                    | 16.36        | 6               | 10.91        | 16              | 29.09        | 13             | 23.64        | 5               | 9.09         | 6                      | 10.91        | 55            | 12           | 21.82        |
| I                  | Hertfordshire        | 2                    | 7.41         | 1               | 3.70         | 4               | 14.81        | 10             | 37.04        | 6               | 22.22        | 4                      | 14.81        | 27            | 9            | 33.33        |
| I                  | Suffolk              | 2                    | 18.18        | 1               | 9.09         | 3               | 27.27        | 3              | 27.27        | 1               | 9.09         | 1                      | 9.09         | 11            | 1            | 9.09         |
| <b>Sub-Totals:</b> |                      | <b>13</b>            | <b>13.98</b> | <b>8</b>        | <b>8.60</b>  | <b>23</b>       | <b>24.73</b> | <b>26</b>      | <b>27.96</b> | <b>12</b>       | <b>12.90</b> | <b>11</b>              | <b>11.83</b> | <b>93</b>     | <b>22</b>    | <b>23.66</b> |
| J                  | London               | 28                   | 12.79        | 16              | 7.31         | 42              | 19.18        | 80             | 36.53        | 30              | 13.70        | 23                     | 10.50        | 219           | 48           | 21.92        |
| <b>Sub-Totals:</b> |                      | <b>28</b>            | <b>12.79</b> | <b>16</b>       | <b>7.31</b>  | <b>42</b>       | <b>19.18</b> | <b>80</b>      | <b>36.53</b> | <b>30</b>       | <b>13.70</b> | <b>23</b>              | <b>10.50</b> | <b>219</b>    | <b>48</b>    | <b>21.92</b> |
| K                  | East Sussex          | 2                    | 8.70         | 2               | 8.70         | 8               | 34.78        | 5              | 21.74        | 3               | 13.04        | 3                      | 13.04        | 23            | 4            | 17.39        |

| Board              | Brigade               | Passed Complete Exam |              | Passed 3 Papers |              | Passed 2 Papers |              | Passed 1 Paper |              | Passed 0 Papers |              | Absent With No Credits |              | Total Entered | Total Absent |              |
|--------------------|-----------------------|----------------------|--------------|-----------------|--------------|-----------------|--------------|----------------|--------------|-----------------|--------------|------------------------|--------------|---------------|--------------|--------------|
|                    |                       | No                   | %            | No              | %            | No              | %            | No             | %            | No              | %            | No                     | %            | No            | No           | %            |
| K                  | Kent                  | 2                    | 5.88         | 6               | 17.65        | 6               | 17.65        | 11             | 32.35        | 5               | 14.71        | 4                      | 11.76        | 34            | 9            | 26.47        |
| K                  | Surrey                | 4                    | 19.05        | 2               | 9.52         | 4               | 19.05        | 6              | 28.57        | 4               | 19.05        | 1                      | 4.76         | 21            | 4            | 19.05        |
| K                  | West Sussex           | 2                    | 13.33        | 2               | 13.33        | 1               | 6.67         | 6              | 40.00        | 1               | 6.67         | 3                      | 20.00        | 15            | 6            | 40.00        |
| <b>Sub-Totals:</b> |                       | <b>10</b>            | <b>10.75</b> | <b>12</b>       | <b>12.90</b> | <b>19</b>       | <b>20.43</b> | <b>28</b>      | <b>30.11</b> | <b>13</b>       | <b>13.98</b> | <b>11</b>              | <b>11.83</b> | <b>93</b>     | <b>23</b>    | <b>24.73</b> |
| L                  | Berkshire             | 2                    | 7.69         | 1               | 3.85         | 2               | 7.69         | 10             | 38.46        | 3               | 11.54        | 8                      | 30.77        | 26            | 8            | 30.77        |
| L                  | Buckinghamshire       | 2                    | 7.69         | 4               | 15.38        | 5               | 19.23        | 11             | 42.31        | 3               | 11.54        | 1                      | 3.85         | 26            | 7            | 26.92        |
| L                  | Hampshire             | 6                    | 15.79        | 1               | 2.63         | 5               | 13.16        | 22             | 57.89        | 3               | 7.89         | 1                      | 2.63         | 38            | 6            | 15.79        |
| L                  | Isle of Wight         | 0                    | 0.00         | 0               | 0.00         | 4               | 50.00        | 3              | 37.50        | 1               | 12.50        | 0                      | 0.00         | 8             | 0            | 0.00         |
| <b>Sub-Totals:</b> |                       | <b>10</b>            | <b>10.20</b> | <b>6</b>        | <b>6.12</b>  | <b>16</b>       | <b>16.33</b> | <b>46</b>      | <b>46.94</b> | <b>10</b>       | <b>10.20</b> | <b>10</b>              | <b>10.20</b> | <b>98</b>     | <b>21</b>    | <b>21.43</b> |
| M                  | Cornwall              | 2                    | 22.22        | 2               | 22.22        | 2               | 22.22        | 2              | 22.22        | 1               | 11.11        | 0                      | 0.00         | 9             | 1            | 11.11        |
| M                  | Devon                 | 7                    | 28.00        | 2               | 8.00         | 8               | 32.00        | 3              | 12.00        | 2               | 8.00         | 3                      | 12.00        | 25            | 3            | 12.00        |
| <b>Sub-Totals:</b> |                       | <b>9</b>             | <b>26.47</b> | <b>4</b>        | <b>11.76</b> | <b>10</b>       | <b>29.41</b> | <b>5</b>       | <b>14.71</b> | <b>3</b>        | <b>8.82</b>  | <b>3</b>               | <b>8.82</b>  | <b>34</b>     | <b>4</b>     | <b>11.76</b> |
| N                  | Dorset                | 2                    | 8.33         | 2               | 8.33         | 7               | 29.17        | 9              | 37.50        | 0               | 0.00         | 4                      | 16.67        | 24            | 7            | 29.17        |
| N                  | Somerset              | 0                    | 0.00         | 1               | 6.25         | 5               | 31.25        | 6              | 37.50        | 2               | 12.50        | 2                      | 12.50        | 16            | 2            | 12.50        |
| N                  | Wiltshire             | 2                    | 11.76        | 2               | 11.76        | 5               | 29.41        | 6              | 35.29        | 1               | 5.88         | 1                      | 5.88         | 17            | 3            | 17.65        |
| <b>Sub-Totals:</b> |                       | <b>4</b>             | <b>7.02</b>  | <b>5</b>        | <b>8.77</b>  | <b>17</b>       | <b>29.82</b> | <b>21</b>      | <b>36.84</b> | <b>3</b>        | <b>5.26</b>  | <b>7</b>               | <b>12.28</b> | <b>57</b>     | <b>12</b>    | <b>21.05</b> |
| O                  | Avon                  | 8                    | 29.63        | 4               | 14.81        | 6               | 22.22        | 4              | 14.81        | 4               | 14.81        | 1                      | 3.70         | 27            | 3            | 11.11        |
| O                  | Gloucestershire       | 5                    | 25.00        | 5               | 25.00        | 5               | 25.00        | 4              | 20.00        | 1               | 5.00         | 0                      | 0.00         | 20            | 3            | 15.00        |
| <b>Sub-Totals:</b> |                       | <b>13</b>            | <b>27.66</b> | <b>9</b>        | <b>19.15</b> | <b>11</b>       | <b>23.40</b> | <b>8</b>       | <b>17.02</b> | <b>5</b>        | <b>10.64</b> | <b>1</b>               | <b>2.13</b>  | <b>47</b>     | <b>6</b>     | <b>12.77</b> |
| P                  | Mid & West Wales      | 1                    | 4.00         | 4               | 16.00        | 10              | 40.00        | 6              | 24.00        | 2               | 8.00         | 2                      | 8.00         | 25            | 3            | 12.00        |
| P                  | North Wales           | 2                    | 7.69         | 6               | 23.08        | 2               | 7.69         | 8              | 30.77        | 7               | 26.92        | 1                      | 3.85         | 26            | 2            | 7.69         |
| P                  | South Wales           | 7                    | 23.33        | 5               | 16.67        | 3               | 10.00        | 5              | 16.67        | 4               | 13.33        | 6                      | 20.00        | 30            | 9            | 30.00        |
| <b>Sub-Totals:</b> |                       | <b>10</b>            | <b>12.35</b> | <b>15</b>       | <b>18.52</b> | <b>15</b>       | <b>18.52</b> | <b>19</b>      | <b>23.46</b> | <b>13</b>       | <b>16.05</b> | <b>9</b>               | <b>11.11</b> | <b>81</b>     | <b>14</b>    | <b>17.28</b> |
| Q                  | Strathclyde           | 15                   | 15.00        | 11              | 11.00        | 17              | 17.00        | 36             | 36.00        | 11              | 11.00        | 10                     | 10.00        | 100           | 24           | 24.00        |
| <b>Sub-Totals:</b> |                       | <b>15</b>            | <b>15.00</b> | <b>11</b>       | <b>11.00</b> | <b>17</b>       | <b>17.00</b> | <b>36</b>      | <b>36.00</b> | <b>11</b>       | <b>11.00</b> | <b>10</b>              | <b>10.00</b> | <b>100</b>    | <b>24</b>    | <b>24.00</b> |
| R                  | Fife                  | 2                    | 6.06         | 2               | 6.06         | 10              | 30.30        | 11             | 33.33        | 2               | 6.06         | 6                      | 18.18        | 33            | 12           | 36.36        |
| R                  | Grampian              | 2                    | 12.50        | 0               | 0.00         | 4               | 25.00        | 6              | 37.50        | 4               | 25.00        | 0                      | 0.00         | 16            | 1            | 6.25         |
| R                  | Highlands and Islands | 0                    | 0.00         | 0               | 0.00         | 2               | 50.00        | 1              | 25.00        | 0               | 0.00         | 1                      | 25.00        | 4             | 2            | 50.00        |
| R                  | Tayside               | 4                    | 13.33        | 4               | 13.33        | 8               | 26.67        | 9              | 30.00        | 2               | 6.67         | 3                      | 10.00        | 30            | 9            | 30.00        |
| <b>Sub-Totals:</b> |                       | <b>8</b>             | <b>9.64</b>  | <b>6</b>        | <b>7.23</b>  | <b>24</b>       | <b>28.92</b> | <b>27</b>      | <b>32.53</b> | <b>8</b>        | <b>9.64</b>  | <b>10</b>              | <b>12.05</b> | <b>83</b>     | <b>24</b>    | <b>28.92</b> |
| S                  | Central Scotland      | 4                    | 33.33        | 0               | 0.00         | 3               | 25.00        | 4              | 33.33        | 0               | 0.00         | 1                      | 8.33         | 12            | 2            | 16.67        |
| S                  | Dumfries & Galloway   | 2                    | 18.18        | 0               | 0.00         | 3               | 27.27        | 4              | 36.36        | 0               | 0.00         | 2                      | 18.18        | 11            | 3            | 27.27        |
| S                  | Lothian and Borders   | 8                    | 19.05        | 6               | 14.29        | 10              | 23.81        | 11             | 26.19        | 2               | 4.76         | 5                      | 11.90        | 42            | 16           | 38.10        |
| <b>Sub-Totals:</b> |                       | <b>14</b>            | <b>21.54</b> | <b>6</b>        | <b>9.23</b>  | <b>16</b>       | <b>24.62</b> | <b>19</b>      | <b>29.23</b> | <b>2</b>        | <b>3.08</b>  | <b>8</b>               | <b>12.31</b> | <b>65</b>     | <b>21</b>    | <b>32.31</b> |
| T                  | Northern Ireland      | 2                    | 10.53        | 3               | 15.79        | 4               | 21.05        | 9              | 47.37        | 1               | 5.26         | 0                      | 0.00         | 19            | 4            | 21.05        |
| <b>Sub-Totals:</b> |                       | <b>2</b>             | <b>10.53</b> | <b>3</b>        | <b>15.79</b> | <b>4</b>        | <b>21.05</b> | <b>9</b>       | <b>47.37</b> | <b>1</b>        | <b>5.26</b>  | <b>0</b>               | <b>0.00</b>  | <b>19</b>     | <b>4</b>     | <b>21.05</b> |
| U                  | Guernsey              | 1                    | 50.00        | 0               | 0.00         | 1               | 50.00        | 0              | 0.00         | 0               | 0.00         | 0                      | 0.00         | 2             | 0            | 0.00         |
| U                  | Jersey                | 0                    | 0.00         | 2               | 100.00       | 0               | 0.00         | 0              | 0.00         | 0               | 0.00         | 0                      | 0.00         | 2             | 0            | 0.00         |
| <b>Sub-Totals:</b> |                       | <b>1</b>             | <b>25.00</b> | <b>2</b>        | <b>50.00</b> | <b>1</b>        | <b>25.00</b> | <b>0</b>       | <b>0.00</b>  | <b>0</b>        | <b>0.00</b>  | <b>0</b>               | <b>0.00</b>  | <b>4</b>      | <b>0</b>     | <b>0.00</b>  |
| <b>TOTALS:</b>     |                       | <b>262</b>           | <b>15.40</b> | <b>192</b>      | <b>11.29</b> | <b>362</b>      | <b>21.28</b> | <b>540</b>     | <b>31.75</b> | <b>179</b>      | <b>10.52</b> | <b>166</b>             | <b>9.76</b>  | <b>1701</b>   | <b>362</b>   | <b>21.28</b> |