



SCOTTISH HOME AND HEALTH DEPARTMENT

Her Majesty's
Inspector of Fire Services
for Scotland
Report for 1969 and 1970

*Presented to Parliament by the Secretary of State for Scotland
by Command of Her Majesty
September 1971*

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HER MAJESTY'S STATIONERY OFFICE

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September 1971

HER MAJESTY'S STATIONERY OFFICE
LONDON

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Report for 1969 and 1970

of JOHN JACKSON, Esq., O.B.E., M.I.F.E.,
Her Majesty's Inspector of Fire Services for Scotland

TO THE RIGHT HONOURABLE GORDON CAMPBELL, M.C., M.P.,
Her Majesty's Secretary of State for Scotland.

SIR,

1. I have the honour to submit my report on the Fire Services in Scotland for the two years ending 31st December, 1969 and 1970.

During the two year period covered by this report I have taken the opportunity to make an investigation in depth into the organisation and administration of the eleven fire brigades in Scotland. It was most gratifying to note the deep sense of responsibility which fire authorities display in carrying out their duty to provide and to maintain an efficient and effective fire service. Despite the continuing increase in costs they make genuine and whole-hearted efforts to achieve this objective by encouraging and supporting new developments in appliances and equipment, training facilities, fire prevention and building programmes. In all areas good progress has been achieved in the erection of new and replacement of out-of-date stations and each year new stations with modern facilities are being opened.

3. Not unnaturally fire authorities view with great concern the high incidence of fire and while the total fire calls made on brigades in 1969 continued its annual increase it is noteworthy that in 1970 total fire calls for Scotland fell by 128. It is too early to assume that we are at the beginning of a downward trend but it is sincerely to be hoped that the efforts of publicity and the continued and wider application of fire prevention measures are having the desired results. The calls made on brigades in the field of special services, however, do continue to grow and each year the rescue and public safety aspects of road accidents make greater demands on brigades' resources.

4. While the number of fires attended by brigades in Scotland during 1969 increased by 2,777 and in the following year a reduction of 128 was recorded it is interesting to note that the estimated annual monetary losses from fire of £12.2 million and £10.3 million, respectively, show a progressive improvement when compared with the loss for 1968. When compared with the United Kingdom total monetary loss these figures are not perhaps too unsatisfactory but they still represent an excessive and unnecessary waste of our national resources and vigorous efforts are still essential to reduce them substantially.

5. I am glad to be able to report that there was a reduction in both of the years covered by this report in the number of lives lost by fire in Scotland: seven fewer in 1969 and eight fewer in 1970. These improvements are to be welcomed but show no reason for complacency: we ought to consider any loss of life from fire as completely intolerable.

6. The majority of fire deaths result from fires in dwelling houses the main causes of which are faulty heating appliances, carelessness with smoking materials and children playing with fire or faulty electrical equipment. Too little attention is given to the proper maintenance of electrical equipment and faults such as overloaded plugs and frayed wiring are too often completely ignored. I very much welcome the growing practice among local authorities of rewiring electrical installations in older houses. Private owners of older property should, where they have not already done so, take expert advice on the soundness of their installations.

7. The continuing high losses from fire demand a far greater consciousness, among all sectors of the public in industry, commerce and at home, of the very real dangers of fire to life, and of the damage and distress it can cause. They point to the importance, not only of sensible fire prevention measures such as those laid down by statute, but of good daily working and living habits which show a sensible awareness of the risk of fire and of how that risk can be reduced.

8. For their part the Fire Service in Scotland is increasing its efforts on the fire prevention front. There has been a continuing and welcome increase in the number of requests made to brigades for advice on fire prevention. The publicity campaigns carried out by brigades help to increase public awareness of the danger and produce a response from at any rate some members of the public who request advice to enable them to improve their standards. The public should be aware that their local fire brigade is always ready to give advice on any aspect of fire prevention in the home or in any other environment.

9. Each brigade maintains a specialist fire prevention department staffed by officers who have been specially trained in all aspects of this work. The work-load of these departments has continued to increase. A particularly heavy part of their workload arises from inspections made of factories and commercial premises as required under the appropriate statutes and in the examination of plans for new developments under the Building Regulations. It will be appreciated that no matter how well advanced a brigade may be in its programme of inspections the work is never complete since there are continuing changes such as the erection of extensions, building alterations, changes in occupancy and the opening of new premises all of which demand either a review and issue of new certificates or an amendment to existing certificates. Throughout the period of my review there has also been a growing demand for advice on fire prevention on a goodwill basis. Such requests, though demanding of manpower, are very much welcomed by brigades since they indicate a growing awareness by management of the need to maintain high standards of fire safety.

10. The Fire Precautions Bill which was being considered by Parliament during the period covered by this report will add substantially to the fire prevention work done by brigades but is nevertheless to be warmly welcomed as a substantial contribution to fire safety in places of public entertainment and resort and in certain kinds of residential premises not adequately covered under existing legislation.

11. A new problem facing the fire service arises from the development of multi-purpose building complexes with limited access for vehicular traffic. In this type of complex provision is made for various occupancies including factory, office, shopping, residential and social amenity blocks, often at various levels and in

the main interconnected only by pedestrian walkways or podium decks. Such developments have demanded that brigades develop new techniques for fire fighting since the conventional type of fire appliance can only approach the perimeter area of these complexes. New appliances fitted with height and direction-controlled monitors with sufficient ancillary equipment to enable a first attack to be effectively mounted have been designed within a weight factor sufficiently light to promote their deployment on the podium deck of the complex.

12. This new type of complex has also given rise to communications problems associated with fire-ground operations. Experiments have been carried out to establish the reliability of radio communication both on very high frequency and ultra high frequency for this purpose. These complexes demand intensive study from a fire prevention point of view at their design stage to ensure that adequate means of escape for the public are provided; no small problem when one considers the very high occupancy of some of the buildings which form only part of the main project. Practical tests have been carried out to determine the rate of smoke travel and the smoke logging time factors for shopping malls and covered walkways to establish safe time limits for the evacuation of the public from such areas in the event of fire. Additionally, because these new urban developments can cover many acres, internal firefighting systems have to be specially designed and planned to ensure that every outbreak of fire is detected and attacked in the minimum possible time. These problems alone have demanded a great deal of attention and study by fire prevention officers and are the subject of special studies being undertaken by the Joint Fire Prevention Committee of the Fire Brigade Advisory Councils of Scotland and England and Wales.

13. The increasing demands being made on the fire service, both on the operational and on the fire prevention fronts, have had to be met despite the fact that many brigades are under-manned. At the end of 1970 the total whole-time male strength of the fire service in Scotland was 2,733 or 346 short of the authorised establishment. Although recruitment was slightly better than in the past the result was largely offset by the numbers retiring on completion of service. Throughout the country the whole-time manpower situation has not shown any really marked improvement though the trend in recruitment was moving in a favourable direction in the latter part of 1970 and the number of men in post at December, 1970 was, in fact, the highest for a number of years. Bearing in mind the large exodus expected of men retiring in 1972 and 1973 it is to be hoped that the level of the intake of recruits will continue to improve during 1971. Unless this happens the manpower shortage, particularly in those brigades located in the West of Scotland, will, I regret to forecast, become critical in the extreme.

14. By contrast, however, it is mainly in the North East and Northern districts where the shortage of retained personnel is experienced. Over the period under review brigades have experienced increased difficulty in recruiting retained personnel. It appears that in many of the smaller towns which are covered by retained fire units an increasing proportion of the male population now travel to work outwith their home towns. The result is that local employers are often faced with reduced staffs and are often unable to release employees for fire service duty. It is in the rural areas that the retained service plays a most

important role in providing the community with a first class defence against fire and I would express on behalf of the fire service as a whole our appreciation to those public spirited local employers who continue to support the service despite the many inconveniences that can be involved.

15. Restrictions on public expenditure placed on fire authorities in January, 1968 in the light of the national economic situation had not been lifted by the end of 1970. One result of this is that establishments have not been increased to meet the pressing need for additional training of brigade personnel, particularly on fire prevention work. I am glad to learn that this control is being lifted as this report goes to print. This will enable brigades to prepare for the additional work which will arise from the Fire Precautions Bill now before Parliament.

16. Despite increased workloads and shortage of manpower I am satisfied that fire brigades in Scotland are carrying out their responsibilities with their customary efficiency and are taking the necessary steps to deal with the challenges of the future. The report of the Departmental Committee on the Fire Service was published during 1970 and is dealt with in more detail in the body of my report. I would only wish to say here that this report marks an important milestone in the development of the fire service and presents both opportunities and challenges which I am sure the fire service in Scotland can face up to with confidence.

17. I would not wish to submit my report without taking the opportunity to pay a warm tribute to the dedication and skill displayed by the officers and men of the Scottish Fire Service.

I have the honour to be,

Sir,

Your Obedient Servant,

J. JACKSON,

H.M. Inspector of Fire Services for Scotland.

July, 1971.

CHAPTER I

Operational

Fires and other occurrences

1. In 1969 the incidence of fires attended by brigades (excluding chimney fires) continued the upward trend of earlier years and reached a total of 25,759, an increase of 12 per cent.; in 1970 there was a levelling off and the number of fires declined marginally to a total of 25,631. A feature of recent increases has been the number of fires requiring the attendance of a single pumping appliance. (See Tables 3A and 3B.)

2. The estimated fire losses for the United Kingdom have continued to rise and in 1969 reached the record figure of £120.4 millions. In Scotland the relevant figure of £12.2 millions was marginally lower than in 1968. In 1970 the total losses for the United Kingdom fell to £110.9 millions, including the Scottish total of £10.3 millions. The progressive reduction in the figures for Scotland over each of last two years is very encouraging and may give cause for hope that fire losses in Scotland have reached a ceiling at least for the time being. The incidence of chimney fires, which has been falling over the past few years rose in 1969 but fell back again in 1970 to a total of 5,537; this was 712 less than in 1969.

3. Over the two years 1969 and 1970, the numbers of malicious false alarms received by brigades fell steadily by 264 and 476 respectively. For 1970 the total was 3,627. False alarms given with good intent increased in both years by 103 and 47 to a total of 6,634 in 1970.

4. The number of persons rescued at fires during 1970 totalled 179 compared with 198 in the previous year and 204 in 1968. At occurrences other than fires, 792 persons were rescued, 103 more than in 1969. A total of 119 lives were lost at fires attended by brigades in 1970 and of these 98 persons died (or received injuries which resulted in death) before the arrival of the brigade. This compares with the figures of 127 and 109 for 1969 and 134 and 116 respectively for 1968.

5. After a decline in the number of attendances by brigades at special service incidents, ie accidents and mishaps etc. other than fires in 1969, an increase took place in 1970, when the total was 3,800. Included in the total for 1970 were attendances at 929 road accidents, in which 105 persons died and injuries were sustained by 426; the relevant figures for 1969 were 872, 114 and 416 respectively.

Fire Prevention

6. Demands for fire prevention advice continue to increase. The numbers of premises inspected give no indication of the man hours involved but there is no doubt that modern factory complexes and town centre developments are demanding more time and study than ever before. (See Tables 4A and 4B.)

7. During the period 1,065 new certificates were issued under Section 40 of the Factories Act 1961, 631 existing certificates revised and 921 certificates reviewed.

8. A total of 3,242 general fire prevention inspections and 1,906 follow-up inspections were carried out on behalf of the Factory Inspectorate under the Offices, Shops and Railway Premises Act 1963.

9. Other than inspections of premises covered by the requirements of the Factories Act 1961 and the Offices, Shops and Railway Premises Act 1963, brigades carried out 6,642 full survey inspections, 25,010 specific inspections, 10,560 routine inspections and 2,745 follow-up inspections.

10. There were 113 fire prevention officers in post in brigades at the end of the period with vacancies in 2 brigades.

11. As stated in paragraph 57, a Working Party has been set up to consider the use of operational firemen on fire prevention duties.

Mutual Assistance

12. Under Sections 2 and 12 of the Fire Services Act 1947, provision is made for mutual assistance between brigades. During the two-year period assistance with first attendance was given to other brigades on 2,152 occasions. Reinforcements were supplied by neighbouring brigades on 33 occasions.

Communications

13. During 1969 a new GPO line system of communications (VF System A) was brought into use by one fire authority and installation was awaited by another. During 1970 a further two authorities adopted equipment of this type. This system provides speech communications between the central control and all connected fire stations with facilities for central control to operate the call-out system at the out-stations. Other facilities are available and will be progressively developed as occasion demands.

14. The GPO intimated that with the introduction of VF System A they propose to withdraw the present system DX which they regarded as obsolete. This system is widely used in Scotland to call-out remote stations. Joint representations by the Home Office and the Department succeeded in having the change over delayed. An improved version of system DX has been successfully developed and a prototype is now on field trial.

15. Development of a radio alerter which can be used in place of a siren and call bell devices for mobilising retained stations is now at an advanced stage and a final demonstration is expected to be made by the summer of 1971. It seems possible that such equipment may be brought into operational use shortly if this demonstration is successful.

16. The Fife and Perth and Kinross fire authorities now have their own radio system.

17. During the period under review the number of mobile sets in use increased by 30 to 511. The number of pack sets in use was reduced by one to 65.

Appliances and Equipment

18. Purchase of first line firefighting appliances by brigades in Scotland over the period totalled 46 and consisted of 4 hydraulic platforms, 31 water tenders, 2 water tender ladders, 8 pumps and 1 emergency tender. Additionally there were 27 light pumping appliances purchased and 1 foam tender.

19. Of all first line major appliances now in use, only 4 per cent. do not conform to the centrally recommended specifications and only about 13 per cent. are over 18 years old.

Water Supplies

20. The total number of fire authority hydrants in Scotland stands at 114,205. Of this number 77 per cent. are fully standard installations and 14 per cent. have been fitted with standard outlets. Of the remainder, 8.5 per cent. are non-standard installations incapable of conversion and 0.5 per cent. could be modified, but adaptations would entail the use of non-standard equipment which is costly. The non-standard equipment included in the category of hydrants incapable of conversion will be replaced by standard hydrants in due course.

21. During the setting up of the new regional water boards liaison and co-operation with fire brigades was well maintained. It is hoped that, since the transitional period is now over, these fire authorities who have placed orders for the completion of their hydrant standardisation programmes can have the work carried out with the minimum delay.

Research

22. Throughout 1970 all the Scottish brigades co-operated with the Home Office Operational Fire Research Group in a project for the collection of more detailed statistics about fires. The objectives were to study the rate of growth of fires at different stages of their development, to establish more accurately the direct and consequential losses due to fires and to assess the standards of fire cover provided by brigades. It is hoped that the analysis of the new statistics will make clearer the relationship between fire cover and fire losses. At the end of the year, in view of the prospective value of the investigation, the brigades readily agreed to continue to take part in the research work for a further year.

CHAPTER II

Administration

Honours

23. The following personnel received recognition in the Queen's Honours lists:

Order of the British Empire (Civil Division).

Commander (C.B.E.)

Firemaster F. Rushbrook, South-Eastern Area Fire Brigade.

Member (M.B.E.)

Firemaster R. Herbert, Western Area Fire Brigade.

British Empire Medal (B.E.M.)

Sub Officer (retained) P. D. Taylor, North-Eastern Area Fire Brigade.

Station Officer (retained) J. M. Cunningham, South-Western Area Fire Brigade.

Queen's Fire Service Medal

Firemaster J. Stewart, Lanarkshire Area Fire Brigade.

Firemaster E. W. Macintyre, Northern Area Fire Brigade.

24. In July 1969, Her Majesty The Queen graciously approved that holders of the King's Police and Fire Service Medal or the Queen's Fire Service Medal which superseded the King's Police and Fire Service Medal in 1954, should be permitted to use the appropriate initials after their names.

The Fire Brigade Long Service and Good Conduct Medal

25. During the two years under review the Fire Brigade Long Service and Good Conduct Medal was awarded to 241 members of Scottish brigades. In November 1969 Her Majesty The Queen graciously approved a new Royal Warrant setting out the conditions under which the Fire Brigade Long Service and Good Conduct Medal may be awarded, extending eligibility to various categories of personnel not previously included.

Promotions

26. Mr W. Lamont, A.M.I.Fire E., Divisional Officer (Grade II), Angus Area Fire Brigade, was appointed to the post of Deputy Firemaster of that brigade with the rank of Divisional Officer (Grade I).

Mr W. Shand, Grad.I.F.E., Divisional Officer (Grade II), Northern Area Fire Brigade, was appointed to the post of Deputy Firemaster of that brigade with the rank of Divisional Officer (Grade I).

Mr W. Harper, A.M.I.Fire E., Deputy Firemaster, Northern Area Fire Brigade, was appointed to the post of Assistant Firemaster in Western Area Fire Brigade.

Mr J. Anderson, M.I.Fire E., was appointed to the post of Firemaster of the South-Eastern Area Fire Brigade.

27. During the years 1969 and 1970 other promotions up to the rank of Divisional Officer (Grade I) were made as follows:

21 Divisional Officers (2 grade I, 10 grade II and 9 grade III, including 2 temporary promotions)

30 Assistant Divisional Officers (including 5 temporary promotions)

62 Station Officers (including 11 temporary promotions)

129 Sub-Officers (including 34 temporary promotions)

160 Leading Firemen (including 37 temporary promotions).

Uniformed Personnel: Operational

28. The total whole-time male establishment of brigades in Scotland as at 31st December, 1970, including junior firemen, was 3,079, an increase of 83 on the figure for 1968. (See Tables 1A and 1B.)

29. The actual strength of whole-time male members at the end of 1970 was 2,733, a deficiency of 346 on the authorised establishment. In 1969 the deficiency was 398 against an establishment figure of 3,034. One brigade was just over strength, one brigade was at full strength, two were slightly below strength and the remaining seven brigades had a number of vacancies in their authorised establishments. There were 5 junior firemen in post at the end of 1970 against an establishment of 36.

30. Recruitment into the service during 1969 was 173 compared with 131 during 1968 while for 1970 the figure was 245. The number of men lost to the service in Scotland over the two years was 361 of whom 175 had less than ten years service. This represents a lower wastage rate than in previous years. (See Tables 2A and 2B.)

31. Returns from the women's section of the service show that 87 women were recruited over the two years while 91 left the service. At the end of 1970 the actual strength was 4 below the authorised establishment.

32. Little change took place in the part-time retained branch of the service during the two years under review. The authorised establishment figure was 2,517 but the actual strength dropped to 2,094: a deficiency of 423.

33. The strength of the volunteer service had risen by 42 at the end of 1970 to a total of 796.

Uniformed Personnel: Control-room and Watchroom

34. A total of 185 personnel were employed whole-time on control-room and watchroom duties at the end of 1970; a decrease of 5 compared with the figure for 1968.

Non-Uniformed Staff

35. The numbers of non-uniformed staff employed by fire authorities at the end of the year were 116 men and 172 women.

Premises

36. Since fire authorities became responsible for the control of fire brigades in 1948, 38 whole-time and 104 retained fire stations had been built by the end of 1970; at the same date 10 whole-time and 7 retained stations were under construction and major adaptations to 14 existing whole-time and 18 retained stations had been completed. The adaptation of purchased properties has provided 2 whole-time and 13 retained fire stations. In addition, drill towers have been built at 31 whole-time and 40 retained stations and others were under construction at 2 whole-time and 2 retained stations. There are now a total of 72 whole-time stations and 183 retained stations. One new volunteer station has also been provided.

37. The number of houses provided by fire authorities for brigade personnel in Scotland stands at 568, of which some 502 have been provided since 1948. Ten houses were completed during the review period, at the end of which 20 houses were under construction.

Discipline

38. The number of charges brought under the Fire Services (Discipline) (Scotland) Regulations 1953 was slightly higher on average although the increase was not significant. A total of 86 charges were brought which resulted in 2 dismissals from the Service, 1 required to resign, 1 reduction in rank, 52 stoppages of pay, 8 reprimands and 8 cautions; the remaining 14 charges were dismissed. An appeal against the punishment of dismissal was rejected by the Secretary of State.

Health

39. During 1969 there were fewer absences from duty due to sickness and injury in brigades than in 1968. The total number of days lost by whole-time men was 5.1 per cent. a drop of 0.4 per cent. In the women's branch of the Service the figure was 5.2 per cent.

40. One sub-officer died during firefighting operations and one retained leading fireman sustained serious back injuries while attending a fire.

41. In 1970 the number of duty days lost by whole-time men was 5.3 per cent., and in the women's branch 6.0 per cent.

CHAPTER III

Training

Scottish Training School

42. The Scottish Fire Service Training School has continued to provide a wide variety of courses and instruction. Courses are arranged to suit the needs of brigades, and during the period under review 67 courses were held. There were 8 courses for recruits with a total of 383 students attending and 39 courses for whole-time junior ranks involving 276 students. It is particularly satisfying to note that the number of courses provided specifically for retained personnel was increased in 1969 to 9 and in 1970 to 11. Over the two years 166 retained men attended courses at the School.

43. Two-week courses on fire prevention were introduced in 1970. They were attended by 67 students.

44. Four courses for sub-officers and leading firemen were held by special arrangement at the Napier Technical College, Edinburgh and were attended by 77 students.

Fire Service Colleges

45. More advanced courses for senior and specialist personnel are provided, on a Great Britain basis, at the Fire Service Staff College, Dorking and at the Fire Service Technical College, Moreton-in-Marsh. 141 students from Scottish Brigades attended courses at these Colleges in the period under review.

Fire Services (Scotland) Central Examinations Board

46. The statutory educational and technical written examinations held by the Fire Services (Scotland) Central Examinations Board were held each year in February at the three main centres, Glasgow, Edinburgh and Dundee. The results were as follows:

	<i>Presentations</i>			<i>Passes</i>		
	1968	1969	1970	1968	1969	1970
Station Officers	120	160	165	46	46	48
Sub-Officers	206	162	146	118	84	46
Leading Firemen:						
Educational Subjects	206	121	154	105	61	80
Technical Subjects	179	148	155	100	101	83

47. During 1969 the annual presentation of prizes took place in June at the Scottish Fire Service Training School, Gullane. Prizes were awarded to the following:

Station Officer examination—Leading Fireman H. McCorquodale,
Central Area Fire Brigade.

Sub-Officer examination—Fireman G. McM. Kennedy,
Central Area Fire Brigade.

Leading Fireman examination—Fireman T. C. McDermid,
Northern Area Fire Brigade.

48. In 1970 presentation of prizes took place at Kirkcaldy where hospitality was extended by the Fire Area Joint Committee. Prizes were awarded as follows:

Station Officer examination—Fireman George McM. Kennedy,
Central Area Fire Brigade.

Sub-Officer examination—Fireman John Farrell,
Glasgow Fire Brigade.

Leading Fireman examination—Fireman Neil Ronnie,
Lanarkshire Area Fire Brigade.

49. The statutory practical examinations for Sub-Officer were conducted as usual by the Board and the leading firemen examinations by the fire authorities under the Board's direction. The results were as follows:

	<i>Presentations</i>			<i>Passes</i>		
	1968	1969	1970	1968	1969	1970
Sub-Officers	22	62	58	17	43	49
Leading Firemen	18	55	72	14	45	60

50. Over the period there has been a welcome general increase in the number of candidates for these examinations.

51. During 1969 there was published the new syllabus for the statutory examinations which will be introduced in 1971.

Programmed Learning

52. Following the establishment of the Programmed Learning Unit at Moreton-in-Marsh in 1969, the Director and other representatives of the Unit attended two conferences at the Training School at Gullane to discuss the introduction and implementation of programmed learning in the Scottish brigades. Several Brigades had already in conjunction with local colleges, taken the initial steps to introduce programmed learning as a means of raising the general educational standards. All Brigades welcomed the Unit's new arrangements and the assistance which has been provided in training and education. The programmes prepared by the Unit have been of particular benefit to men studying for promotion. Two extra-mural tutors have visited Scottish brigades to help deal with problems at Brigade level and assist in assessing future requirements.

CHAPTER IV

General

Scottish Central Fire Brigades Advisory Council

53. There were two meetings of the Council during the period of the Report. Towards the end of 1969 the Council received and approved a code of practice on fire precautions in the storage of jute. This was prepared by a Sub-Committee comprising members of the fire services associations represented on the Advisory Council and representatives of the jute trade organisations. The code of practice was warmly welcomed and widely circulated in Dundee and among jute trade interests.

4. The Council considered the reports received from the various Joint Standing Committees—on Pensions, Training, Uniform and Personal Equipment, Design and Development of Appliances and Fire Prevention. Among special matters commended to fire authorities was the report of the Committee set up under the chairmanship of Sir George Godber to review medical standards in the Fire Service.

55. A Working Party, representative of all the fire service authorities and organisations represented on the Council, was set up to examine the possibility of extending the use of operational firemen to fire prevention duties. Representatives of the Working Party visited four Brigades in England and Wales and received additional information from other Brigades. The Working Party's report is in an advanced stage of preparation and is expected to be presented to the Advisory Council in the first half of 1971.

Committee of Inquiry into the Fire Service

56. The Report of the Departmental Committee on the Fire Service (the Holroyd Report) was published in June, 1970 after more than three years' work. The report was the first inquiry into the British fire services for over thirty years and the Committee's recommendations covered a wide range of administrative, organisational and technical matters which were of concern to central Government, local authorities and other organisations.

57. The report called for a change in the attitude of the public to fire; a greater sense of social responsibility needed to be developed. Fires caused by carelessness and lack of discipline accounted for over half of the total increase in building fires between 1957 and 1967. Nearly 80 per cent. of deaths from fire occurred in private dwellings.

58. The Committee concluded that fire brigades should remain under local authority control and welcomed with some reservations the proposals of the Wheatley Commission on local government in Scotland so far as they related to future organisation of the fire service. It also urged that the Secretary of State and the Home Secretary should be given statutory responsibility for promoting the efficiency of the Fire Service and for providing research and management backing.

59. Of particular concern to Scotland was the majority recommendation of the Committee that the Scottish Fire Service Training School at Gullane should be phased out and a single recruit training centre provided for all British brigades. In a note of dissent Dr J. W. Macfarlane, the Scottish local authority representative on the Holroyd Committee, argued strongly that it would be a "retrograde step" to close the Scottish school. He pointed to the high standards of training achieved at the school and emphasised the part the School played in promoting corporate identity and morale among both whole-time and part-time (retained) members of brigades.

60. The Report welcomed the prospect of new legislation being prepared for the Home Departments to strengthen the law in relation to fire precautions in places of public entertainment and resort, and in certain residential establishments such as hotels. These remarks foreshadowed the Fire Precautions Bill which was introduced into Parliament in November 1970.

61. The Committee recommended the wider use of operational firemen for routine fire prevention duties and the provision of civilian cleaners for station cleaning duties. These matters were already being considered by the Working Party set up by the Scottish Central Fire Brigades Advisory Council in 1969 (see paragraph 55).

62. From the outset it was clear that the many recommendations contained in the Report—more than 200—would require wide consultation with local authority associations, fire service organisations, and the many other interests concerned. Certain questions, particularly those relating to training, were seen to be more urgent than others. The necessary consultations were begun soon after the Report was published and it is expected that decisions will begin to be taken in 1971.

Legislation

63. Legislation affecting the fire service has been concerned mainly with questions relating to the Firemen's Pensions Scheme. Amendment Orders made in 1969 and 1970 (S.I. 1969 No. 1001 and S.I. 1970 No. 250) made new provisions for the commutation of part of a fireman's pension; the payment of an augmented award to the widow of a fireman whose death resulted from life-saving work; and the safeguarding of additional contributions under the 1966 Scheme, notwithstanding transfer to other brigades.

64. Other provisions of the amendment orders relaxed the requirements for separate pensions and reserve accounts; introduced the right of a fireman who had been serving overseas to appeal on pensions matters to a specially constituted tribunal rather than to the sheriff; and stipulated that in certain cases firemen who had held temporary promotion should have pension calculated as if the substantive rank had been held at all material times.

65. The Increase of Pensions (Police and Fire Services) Regulations 1969 (S.I. 1969 No. 567) dealt with the application of the Pensions (Increase) Act 1969 to the police and fire service pensions schemes.

66. Following the publication of the White Paper "National Superannuation and Social Insurance" (Cmd. 3883) in January, 1969, a Working Party was

set up to review the Firemen's Pensions Scheme in the light of the proposals for a new social insurance Bill. Following the change of Government in 1970, the Bill was not proceeded with but the Working Party continued in existence, ready to resume their review when the present Government's proposed changes in the National insurance scheme are announced.

67. As already mentioned (paragraph 60) the Fire Precautions Bill was introduced into Parliament in November 1970. It is designed to strengthen and rationalise the existing law relating to fire precautions in places of public entertainment and resort and in certain kinds of residential premises. The Bill is concerned with the protection of life in the event of fire and introduces a new system of control through the fire certification, enforceable in all but a few cases, by the fire authority.

68. Apart from the controls imposed by certification, it is proposed that the Secretary of State should also have powers under the Bill to make Regulations which might be used to establish basic controls throughout the country. The Bill is concerned chiefly with the uses made of existing premises and it is visualised that it will not be necessary, save in exceptional circumstances, for the fire authority to require more under the fire certificate than is required by the building regulations in relation to the same matters. The Bill provides for appropriate consultation between local authorities and fire authorities as regards specific fire safety matters on which there is a common interest. At the end of 1970 the Bill was making steady progress through Parliament.*

Benevolent Fund

69. The Scottish Group of the Fire Services National Benevolent Fund had a record year in 1969, during which £13,751 was raised. In 1970 the high level of income was maintained at £13,034. One area raised more than £3,000 in a single year. Great credit is due to all who have worked so enthusiastically to achieve these results.

70. In recognition of a large donation, one of the new flats at the Fund's rest home at Littlehampton is to be furnished as a tribute to the sub-officer of the Glasgow Fire Brigade who lost his life during firefighting operations in 1969.

71. The Group continues to carry on its excellent work, particularly with regard to the Widows' and Orphans' Scheme, as is testified by the regular flow of letters of appreciation from beneficiaries under the Scheme.

The Fire Services' Sports and Athletics Association

72. In April 1969 the Fire Services' Sports and Athletics Association came formally into being and the sports club of some 90 fire brigades in the United Kingdom were admitted to membership. Events organised during the period by the Association included football and cricket matches both inter-Brigade and inter-Country. Rugby union football, swimming, golf, table tennis, volley ball and athletic events have recently been introduced and the Association is now well established. The activities of the Association are well supported by members of the service and its formation has proved it to be a worthwhile venture.

* The Fire Precautions Bill received the Royal Assent on 27th May, 1971.

ESTABLISHMENT AND STRENGTH OF FIRE BRIGADES

31st December, 1969

TABLE 1A

Whole-time—Elsewhere than at Fire Stations	BRIGADE																		TOTALS								
	ANGUS		CENTRAL		FIRE		GLASGOW		LANARKSHIRE		NORTH-EASTERN		NORTHERN		PERTH AND KINROSS		SOUTH-EASTERN		SOUTH-WESTERN		WESTERN						
	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength					
MEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	11		
Firemasters ...	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	
Assistant Firemasters ...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	
Divisional Officers (Grade I) ...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	
Divisional Officers (Grade II) ...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19	
Divisional Officers (Grade III) ...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	26	
Assistant Divisional Officers ...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	35	
Station Officers ...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	77	
Sub-Officers ...	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	64	
Leading Fireman ...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	43	
Fireman ...	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	39	
Junior Firemen ...	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	32	
Total ...	33	26	28	24	24	16	16	43	40	26	22	27	26	14	15	24	21	53	40	24	28	17	316	270	270	270	
WOMEN																											
Group Officers ...																											1
Assistant Group Officers ...	2	1																								2	
Senior Leading Firewomen ...																										7	
Leading Firewomen ...	7	8	3	2	10	10	2	5	10	9	5	4	4	1	1	5	1	3	2	8	7	10	16	12	16	12	
Firewomen ...																										73	
Total ...	9	9	3	2	10	10	17	12	12	10	9	5	5	5	5	6	5	9	8	8	10	10	98	95	95	95	

Whole-time—at Fire Stations

MEN																							
Station Officers	Assistant Divisional Officers	Sub-Officers	Leading Firemen	Firemen	Total	Station Officers	Assistant Divisional Officers	Sub-Officers	Leading Firemen	Firemen	Total	Station Officers	Assistant Divisional Officers	Sub-Officers	Leading Firemen	Firemen	Total						
151	156	214	187	195	168	919	689	252	229	130	127	37	37	52	50	374	353	166	163	228	207	2718	2366
WOMEN																							
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total																							
184	182	242	211	211	184	962	729	278	251	157	153	51	52	76	71	427	393	190	186	256	224	3034	2636
Total—Whole-time men (including Junior Firemen)																							
9	9	3	4	10	10	49	47	12	12	10	9	5	5	6	5	9	8	9	9	16	15	138	133
Total—Whole-time Women																							
193	191	245	215	221	194	1011	776	290	263	167	162	56	57	82	76	436	401	199	195	272	239	3172	2769
Part-time																							
RETAINED*																							
3	3	4	1	2	2	—	—	—	—	4	—	7	7	4	1	6	4	6	6	5	4	41	28
8	7	18	13	11	11	—	—	—	—	8	43	46	19	15	14	25	23	36	35	15	15	198	191
13	13	25	19	19	15	—	—	—	—	10	50	49	28	26	17	31	29	46	46	27	25	266	250
96	84	186	114	128	102	—	—	—	—	91	79	388	295	165	145	140	223	203	356	321	225	176	1998
120	107	233	147	160	130	—	—	—	—	109	97	485	390	219	197	176	159	444	408	272	220	2503	2114
VOLUNTEER MEMBERS																							
Assistant Divisional Officers																							
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Station Officers																							
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sub-Officers																							
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Leading Firemen																							
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Firemen																							
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total																							
120	107	233	157	160	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total—Part-time																							
304	289	475	368	371	314	962	729	387	356	642	559	270	734	252	273	712	652	634	594	528	636	5537	5504
Grand Totals																							
9	9	3	4	10	10	49	47	12	12	10	9	5	5	6	5	9	8	9	9	16	15	138	133
Men (including Junior Firemen)																							
313	298	478	372	381	324	1011	776	399	368	652	568	275	739	258	278	721	660	643	603	544	651	5675	5637
Totals																							

* Men available for only 12 hours daily included on basis of 2 men counting as 1 unit.
 (In addition to the figures shown above, South-Eastern area has an Establishment of 6 retained Junior firemen of which 4 were in post at 31.12.69.)
 a Includes Deputy Firemaster.
 b Includes 1 seconded.
 c Blocking 2 posts for firemen.

ESTABLISHMENT AND STRENGTH OF FIRE BRIGADES

31st December, 1970

TABLE 1B

	BRIGADE																TOTALS								
	ANGUS		CENTRAL		FIFE		GLASGOW		LANARKSHIRE		NORTH-EASTERN		NORTHERN		PERTH AND KINROSS		SOUTH-EASTERN		SOUTH WESTERN		WESTERN				
	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength	Establishment	Actual Strength			
MEN	Whole-time—Elsewhere than at Fire Stations																								
Firemasters	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
Assistant Firemasters	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11
Divisional Officers (Grade I) ...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19
Divisional Officers (Grade II) ...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	20
Divisional Officers (Grade III) ...	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	20
Assistant Divisional Officers ...	7	7	5	4	5	2	4	7	3	3	4	2	4	2	4	2	4	3	6	4	4	1	1	1	25
Station Officers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17
Sub-Officers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17
Leading Firemen	6	6	8	8	2	2	14	9	8	2	4	6	4	3	4	3	6	3	6	3	3	1	1	1	47
Firemen	10	10	8	8	2	2	14	9	8	2	4	6	4	3	4	3	6	3	6	3	3	1	1	1	32
Junior Firemen	10	10	8	8	2	2	14	9	8	2	4	6	4	3	4	3	6	3	6	3	3	1	1	1	32
Total	33	24	24	24	18	18	42	43	26	23	27	26	14	14	24	20	53	36	24	23	18	18	18	303	269
WOMEN																									
Group Officers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Assistant Group Officers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Senior Leading Firewomen	2	1	—	—	—	—	4	2	2	1	4	5	1	1	1	1	3	1	—	—	—	—	—	—	8
Leading Firewomen	7	7	3	3	3	3	9	9	9	5	5	4	4	4	5	5	4	5	8	8	7	8	7	8	19
Firewomen	7	7	3	3	3	3	9	9	9	5	5	4	4	4	5	5	4	5	8	8	7	8	7	8	17
Total	9	9	3	3	11	10	16	16	12	12	10	10	5	5	6	6	9	8	8	8	10	10	10	99	97

Whole-time—at Fire Stations

MEN		WOMEN		Total		Total—Whole-time men (including Junior Firemen)		Total—Whole-time women		Total—Whole-time	
Divisional Officers (Grade III)	10	—	—	10	—	10	—	—	—	10	—
Assistant Divisional Officers	15	—	—	15	—	15	—	—	—	15	—
Station Officers	15	—	—	15	—	15	—	—	—	15	—
Sub-Officers	15	—	—	15	—	15	—	—	—	15	—
Leading Firemen	131	—	—	131	—	131	—	—	—	131	—
Firemen...	171	—	—	171	—	171	—	—	—	171	—
Total	333	—	—	333	—	333	—	—	—	333	—
WOMEN											
Leading Firewomen	—	—	—	—	—	—	—	—	—	—	—
Firewomen	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Total—Whole-time men (including Junior Firemen)											
Total—Whole-time women											
Total—Whole-time											
Part-time											
RETAINED*											
Station Officers...	3	—	—	3	—	3	—	—	—	3	—
Sub-Officers	8	—	—	8	—	8	—	—	—	8	—
Leading Firemen	13	—	—	13	—	13	—	—	—	13	—
Firemen...	96	—	—	96	—	96	—	—	—	96	—
Total	120	—	—	120	—	120	—	—	—	120	—
VOLUNTEER MEMBERS											
Assistant Divisional Officers	—	—	—	—	—	—	—	—	—	—	—
Station Officers	—	—	—	—	—	—	—	—	—	—	—
Sub-Officers	—	—	—	—	—	—	—	—	—	—	—
Leading Firemen	—	—	—	—	—	—	—	—	—	—	—
Firemen...	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Total—Part-time	120	—	—	120	—	120	—	—	—	120	—
Grand Totals	324	297	478	372	325	962	736	387	361	642	562
Men (including Junior Firemen)	9	9	3	4	11	10	49	46	12	12	10
Women	333	306	481	376	384	335	1011	782	399	652	572
Totals	544	607	962	752	769	1397	1793	1181	781	1294	1144

* Men available for only 12 hours daily included on basis of 2 men counting as 1 unit.
(In addition to the figures shown above, South-Eastern area has an Establishment of 6 retained junior firemen of which 3 were in post at 31.12.70).

^a Includes Deputy Firemaster.
^b Includes 1 seconded.

CHANGES IN WHOLE-TIME STRENGTH DURING YEAR
ENDED 31st DECEMBER, 1969

TABLE 2A

BRIGADE	LOSSES												GAINS							
	By DEATH		By RESIGNATION				By Discharge		By Retirement on Pension		By Retirement on Gratuity		By Transfer to Other Brigades							
	Attributable to Service		During First Year Period		After 1st Year but under 10 Years' Service		With 10 or more Years' Service						In Scotland		Elsewhere					
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women				
Angus ...	—	—	1	—	8	3	—	—	—	—	—	1	—	—	—	5	3			
Central ...	—	—	6	—	6	—	4	3	2 ^a	—	—	1	—	—	—	20	—			
Fife ...	—	—	—	—	4	—	—	—	1 ^d	—	—	—	—	—	—	20	4			
Glasgow ...	1	—	6	8	23	11	9	4	16 ^c	2 ^a	—	2	—	—	41	19	2			
Lanarkshire ...	—	—	6	1	9	2	4	—	1	—	—	4	—	—	17	4	2			
North-Eastern ...	—	—	—	—	—	—	—	1	4 ^a	—	—	—	—	—	1	—	—			
Northern ...	—	—	—	—	—	—	—	—	2 ^d	—	—	—	—	—	—	4	1			
Perth and Kinross	—	—	—	—	2	2	—	—	2	—	—	—	—	—	4	1	—			
South-Eastern ...	—	—	1	1	8	1	1	—	9 ^b	—	—	2	—	—	29	2	—			
South Western ...	—	—	2	—	1	—	—	—	6 ^a	—	—	1	—	—	12	—	—			
Western ...	—	—	6	2	13	4	4	—	6 ^a	—	—	1	—	—	23	6	3			
Totals ...	1	5	28	20	74	23	23	10	2	49	2	4	13	6	173	43	13	14	200	43

^a Includes 1 retired on medical grounds. ^b Includes 2 retired on medical grounds. ^c Includes 7 retired on medical grounds. ^d Retired on medical grounds.

CHANGES IN WHOLE-TIME STRENGTH DURING YEAR
ENDED 31st DECEMBER, 1970

TABLE 2B

BRIGADE	LOSSES										GAINS									
	BY DEATH		BY RESIGNATION				BY DISCHARGE		BY RETIREMENT		BY TRANSFER TO OTHER BRIGADES		BY RECRUITMENT		BY TRANSFER FROM OTHER BRIGADES		TOTALS			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Angus ...	—	—	1	—	—	2	—	—	4	1	1	—	—	2	2	—	—	21	2	
Central ...	—	—	2	—	8	3	—	1	—	—	2	—	—	—	—	—	—	26	—	
Fife ...	—	—	1	2	5	1	—	—	1	—	1	—	—	—	—	—	—	22	3	
Glasgow ...	—	—	9	3	17	10	6	1	17 ^c	3	1	—	—	—	—	—	—	74	17	
Lanarkshire ...	—	—	1	—	6	3	—	—	2	—	3	—	—	—	—	—	—	23	3	
North-Eastern ...	—	—	—	—	2	1	1	—	1	—	—	—	—	—	—	—	—	9	2	
Northern ...	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	2	—	
Perth and Kinross	—	—	1	1	1	—	—	—	1	—	—	—	—	—	—	—	—	6	2	
South-Eastern ...	—	—	1	—	2	2	1	—	7 ^b	1	—	—	—	—	—	—	—	25	3	
South Western ...	—	—	2	—	7	2	3	—	1	—	3	—	—	—	—	—	—	34	2	
Western ...	—	—	4	2	3	5	1	1	6	—	—	—	—	—	—	—	—	29	10	
Totals ...	—	—	22	8	51	26	17	2	43	2	4	—	—	13	5	43	2	173	43	
																		14	—	271

^b Includes 2 retired on medical grounds. ^c Includes 7 retired on medical grounds.

**SUMMARY OF FIRES AND SPECIAL SERVICES WHICH HAVE OCCURRED DURING THE YEAR
ENDED 31st DECEMBER, 1969**

TABLE 3A

FIRE AREA	Fires requiring the attendance of								Total Fires	Chimney Fires	False Alarms			Total Fire Calls	Special Services	Total Calls 1969
	1 Pump	2 Pumps	3-4 Pumps	5 Pumps	6-8 Pumps	9-10 Pumps	11-20 Pumps	Malicious			With good intent	Total				
Angus	1,613	41	5	—	1	—	—	—	1,660	419	221	307	528	2,607	419	3,026
Central	2,219	66	15	2	2	—	—	—	2,304	377	342	406	748	3,429	232	3,661
Fife	1,334	42	5	—	—	—	—	—	1,381	507	229	232	461	2,349	193	2,542
Glasgow	6,741	—	39	13	6	3	2 ^a	—	6,804	810	1,143	2,844	3,987	11,601	1,050	12,651
Lanarkshire ...	3,138	131	21	2	2	—	—	—	3,294	352	684	737	1,421	5,067	371	5,438
North-Eastern ...	1,486	42	1	2	1	—	—	—	1,532	692	147	251	398	2,622	228	2,850
Northern	728	29	8	1	—	—	—	—	766	312	96	72	168	1,246	178	1,424
Perth and Kinross	477	10	1	—	—	—	—	—	488	310	43	62	105	903	82	985
South-Eastern ...	3,126	404	51	6	2	—	—	—	3,589	1,280	622	853	1,475	6,344	590	6,934
South Western ...	1,573	30	9	5	—	—	—	—	1,617	685	229	224	453	2,755	169	2,924
Western... ..	2,302	12	8	2	—	—	—	—	2,324	505	347	599	946	3,775	162	3,937
Totals	24,737	807	163	33	14	3	2	—	25,759	6,249	4,103	6,587	10,690	42,698	3,674	46,372

^a Includes one 20 pump fire.

**SUMMARY OF FIRES AND SPECIAL SERVICES WHICH HAVE OCCURRED DURING THE YEAR
ENDED 31st DECEMBER, 1970**

TABLE 3B

FIRE AREA	Fires requiring the attendance of										Total Fires	Chimney Fires	False Alarms		Total Fire Calls	Special Services	Total Calls 1970	
	1 Pump	2 Pumps	3-4 Pumps	5 Pumps	6-8 Pumps	9-10 Pumps	11-20 Pumps	Malici- ous	With good intent	Total								
Angus ...	1,561	46	5	3	—	—	—	—	—	—	1,615	350	189	353	542	2,507	380	2,887
Central ...	2,444	59	14	—	1	—	—	—	—	—	2,518	373	357	465	822	3,713	232	3,945
Fife ...	1,565	51	8	2	—	—	—	—	—	—	1,626	478	261	273	534	2,638	234	2,872
Glasgow ...	7,054	—	26	10	4	—	4 ^a	—	—	—	7,098	583	939	2,645	3,584	11,265	1,088	12,353
Lanarkshire ...	2,886	207	16	3	1	—	—	—	—	—	3,113	264	564	708	1,272	4,649	386	5,035
North-Eastern ...	1,352	24	3	—	—	—	—	—	—	—	1,380	688	166	204	370	2,438	208	2,646
Northern ...	497	17	8	—	—	—	—	—	—	—	522	322	76	92	168	1,012	185	1,197
Perth and Kinross	466	17	2	—	—	—	—	—	—	—	485	252	33	102	135	872	146	1,018
South-Eastern ...	3,161	423	42	4	2	—	—	—	—	—	3,632	1,127	521	837	1,358	6,117	578	6,695
South Western ...	1,602	22	7	3	—	—	—	—	—	—	1,634	617	224	219	443	2,694	204	2,898
Western... ..	1,982	22	3	1	—	—	—	—	—	—	2,008	483	297	736	1,033	3,524	159	3,683
Totals ...	24,570	888	134	27	8	—	4	—	—	—	25,631	5,537	3,627	6,634	10,261	41,429	3,800	45,229

^a Includes one 20 pump fire.

**FIRE PREVENTION INSPECTION WORK UNDERTAKEN BY FIRE BRIGADES
DURING THE YEAR ENDED 31st DECEMBER, 1969**

TABLE 4A

		FIRE AREA										Totals
		Angus	Central	Fire	Glasgow	Lanarkshire	North-Eastern	Northern	Perth & Kinross	South-Eastern	South-Western	Western
(a) Industrial or Business Premises or Undertakings	Number of Premises (excluding those inspected under Factories Act and Offices, Shops and Railway Premises Act) subjected to:	209	25	2	209	639	—	58	257	3	5	31
	Full Survey ...	...	575	126	182	583	512	831	198	675	225	768
	Specific Inspection ...	...	1	1	—	—	—	—	16	—	—	—
	Follow-up Inspection ...	75	65	—	195	—	2	1	173	—	7	1
	Follow-up Inspection	...	...	...	...	...	...	...	...	...	...	...
	Means of Escape:	50	22	47	63	57	39	12	17	136	33	29
	Number of new Certificates Issued	25	56	6	1	2	104	7	3	54	26	35
	Number of Certificates Revised	83	32	184	—	93	14	19	—	—	38	13
	Review ...	310	83	88	163	95	275	24	19	507	69	84
	General Fire Prevention:	259	72	3	18	172	114	19	—	294	2	—
	Number of Factories Inspected ...	...	...	...	...	...	...	...	...	...	...	...
	Number of Factories subjected to Follow-up Inspections ...	63	63	48	188	77	157	37	40	416	73	83
	Number of Certificates Issued ...	17	8	2	65	74	—	4	4	59	—	6
(b) Number of Local Authority Premises or Undertakings (other than (c) and (d) subjected to):	Full Survey ...	3	34	55	985	87	3	30	6	57	13	83
	Specific Inspection ...	...	...	...	3,232	—	—	—	1	—	—	—
	Routine Inspection ...	6	11	—	130	90	—	—	1	—	—	—
	Follow-up Inspection	...	...	...	...	...	...	...	...	...	...	...
(c) Number of Schools subjected to:	Full Survey ...	60	57	7	38	6	74	5	51	216	—	10
	Specific Inspection ...	25	81	96	53	65	144	98	30	58	34	86
	Routine Inspection ...	22	9	31	30	10	5	—	12	—	5	—
	Follow-up Inspection	...	...	...	...	...	...	...	...	...	...	...
(d) Number of Hospitals and Homes subjected to:	Full Survey ...	40	5	2	21	17	—	25	7	160	4	27
	Specific Inspection ...	12	44	28	32	68	151	136	17	71	50	234
	Routine Inspection ...	2	10	16	16	—	72	7	7	—	16	—
	Follow-up Inspection	—	19	1	26	—	—	5	17	—	—	—
	Follow-up Inspection	...	...	...	...	...	...	...	...	...	...	...
	Number of Hospitals and Homes subjected to:	505	505	505	505	505	505	505	505	505	505	505
	Number of Certificates Issued	319	319	319	319	319	319	319	319	319	319	319
	Number of Certificates Revised	476	476	476	476	476	476	476	476	476	476	476
	Number of Factories Inspected	1,717	1,717	1,717	1,717	1,717	1,717	1,717	1,717	1,717	1,717	1,717
	Number of Factories subjected to Follow-up Inspections	953	953	953	953	953	953	953	953	953	953	953
	Number of Certificates Issued	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245
	Number of Local Authority Premises or Undertakings (other than (c) and (d) subjected to):	239	239	239	239	239	239	239	239	239	239	239
	Number of Schools subjected to:	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,356
	Number of Hospitals and Homes subjected to:	3,233	3,233	3,233	3,233	3,233	3,233	3,233	3,233	3,233	3,233	3,233
	Number of Certificates Issued	238	238	238	238	238	238	238	238	238	238	238
	Number of Schools subjected to:	524	524	524	524	524	524	524	524	524	524	524
	Number of Hospitals and Homes subjected to:	770	770	770	770	770	770	770	770	770	770	770
	Number of Certificates Issued	129	129	129	129	129	129	129	129	129	129	129
	Number of Local Authority Premises or Undertakings (other than (c) and (d) subjected to):	308	308	308	308	308	308	308	308	308	308	308
	Number of Schools subjected to:	843	843	843	843	843	843	843	843	843	843	843
	Number of Hospitals and Homes subjected to:	107	107	107	107	107	107	107	107	107	107	107
	Number of Certificates Issued	84	84	84	84	84	84	84	84	84	84	84

(e) Number of Cinemas, Theatres and Other Places of Public Entertainment or Assembly, subjected to:

(f) Number of Miscellaneous Premises or Undertakings (not included elsewhere in the Table) subjected to:

(g) Number of Premises (excluding those inspected under Factories Act and Offices, Shops and Railway Premises Act) subjected to:

Full Survey ...	135	36	3	262	—	29	12	10	—	3	493
Specific Inspection ...	19	114	21	110	149	75	16	200	88	50	961
Routine Inspection ...	104	8	132	111	33	—	7	98	3	—	1,897
Follow-up Inspection	—	29	10	—	1	1	2	—	4	1	48
Full Survey ...	174	31	12	102	72	3	70	41	3	20	528
Specific Inspection ...	29	144	164	79	419	226	1,575	130	54	163	3,076
Routine Inspection ...	—	1	158	105	1	—	40	—	1	—	305
Follow-up Inspection	—	12	46	79	—	—	153	—	1	2	293
Full Survey ...	635	162	28	1,100	146	124	401	489	12	97	3,530
Specific Inspection ...	229	992	490	1,441	1,378	1,396	1,836	1,191	464	1,384	11,822
Routine Inspection ...	106	29	338	3,343	111	—	83	98	3	—	5,617
Follow-up Inspection	103	174	57	460	3	7	370	—	33	4	1,311

Note:—For the purpose of this table the terms "Full Survey", "Specific Inspection", "Routine Inspection" and "Follow-up Inspection" are used as follows:—

Full Survey. A thorough and comprehensive examination of the premises and processes at risk, as regards fire prevention arrangements which are in operation or require to be made, covering for instance fire appliances and equipment, water supplies, means of escape, storage conditions, and good housekeeping.

Specific Inspection. An examination of the premises and plant for the purposes indicated above but limited to one or more particular aspects of fire prevention.

Routine Inspection. An examination made as a rule periodically for the purpose of ascertaining whatever particular precautions which should be in operation are, in fact, being maintained.

Follow-up Inspection. An inspection made following a survey or specific inspection to note progress or advise on detail.

**FIRE PREVENTION INSPECTION WORK UNDERTAKEN BY FIRE BRIGADES
DURING THE YEAR ENDED 31st DECEMBER, 1970**

TABLE 4B

		FIRE AREA												
		Angus	Central	Fife	Glasgow	Lanarkshire	North-Eastern	Northern	Perth & Kinross	South-Eastern	South-Western	Western	Totals	
(a) Industrial or Business Premises or Undertakings	Number of Premises (excluding those inspected under Factories Act and Offices, Shops and Railway Premises Act) subjected to:	Full Survey ...	11	1	192	676	8	58	166	3	4	36	1,311	
		Specific Inspection ...	372	82	286	739	797	943	678	1,178	412	777	6,364	
		Routine Inspection ...	1	—	—	—	2	—	28	—	—	1	31	
		Follow-up Inspection ...	49	22	239	121	2	—	282	—	—	11	727	
Factories Act	Means of Escape:	Number of new certificates issued	54	39	80	44	57	20	19	88	49	57	560	
		Number of certificates revised ...	27	12	—	3	104	12	3	20	55	37	312	
		Number of certificates subjected to review ...	120	19	98	10	32	15	—	58	82	11	445	
		General Fire Prevention: Number of factories inspected ...	215	86	56	130	96	220	76	20	458	89	1,525	
Offices, Shops and Railway Premises Act		Number of factories subjected to follow-up inspections ...	189	20	85	7	119	20	118	195	9	1	953	
		Number of Certificates issued	53	133	62	342	45	213	19	26	326	74	1,368	
	(b) Number of Local Authority Premises or Undertakings (other than (c) and (d)) subjected to:	Full Survey ...	10	1	—	22	56	2	3	—	19	—	1	114
		Specific Inspection ...	—	91	9	927	20	65	38	53	32	31	82	1,348
Routine Inspection ...		—	—	—	3,342	—	—	—	—	—	—	—	3,342	
Follow-up Inspection ...		8	5	—	144	—	—	—	1	—	—	—	158	
(c) Number of Schools subjected to:	Full Survey ...	35	8	7	50	38	157	7	14	140	4	4	460	
	Specific Inspection ...	3	83	84	30	32	187	118	55	81	52	61	786	
	Routine Inspection ...	—	22	—	—	—	27	—	28	—	—	—	77	
	Follow-up Inspection ...	16	19	—	40	7	1	—	54	—	10	1	148	
(d) Number of Hospitals and Homes subjected to:	Full Survey ...	37	2	—	12	27	25	18	3	9	3	4	140	
	Specific Inspection ...	22	26	49	20	5	157	90	37	88	60	128	682	
	Routine Inspection ...	—	8	17	—	—	78	—	6	—	—	—	109	
	Follow-up Inspection ...	3	1	—	16	2	—	—	23	—	9	—	54	

(g) Number of Cinemas, Theatres and Other Places of Public Entertainment or Assembly, subjected to:	Full Survey ...										Gross Totals				
	Specific Inspection ...	Routine Inspection ...	Follow-up Inspection ...	8	109	10	224	163	206	252		61	18	16	3	474
Number of Miscellaneous Premises or Undertakings (not included elsewhere in the Table) subjected to:	8	109	10	224	163	206	252	61	18	16	3	474
(f) Number of Miscellaneous Premises or Undertakings (not included elsewhere in the Table) subjected to:	8	109	10	224	163	206	252	61	18	16	3	474
(g) Number of Premises (excluding those inspected under Factories Act and Offices, Shops and Railway Premises Act) subjected to:	9	132	6	4	383	39	383	39	10	97	3	613
	7	7	48	197	48	35	482	5	626	241	98	2,710
	7	7	5	35	—	—	—	—	23	—	3	63
	7	7	5	33	83	7	2	—	81	—	6	227
	39	813	12	292	1,432	292	1,432	152	211	284	13	3,112
	31	31	328	645	864	1,474	1,892	1,504	1,521	1,708	767	13,188
	71	71	149	174	3,548	898	126	—	91	70	5	4,943
	71	71	149	33	532	137	5	—	463	—	24	1,434

Note:—For the purpose of this table the terms "Full Survey", "Specific Inspection", "Routine Inspection" and "Follow-up Inspection" are used as follows:—

Full Survey. A thorough and comprehensive examination of the premises and processes at risk, as regards fire prevention arrangements which are in operation or require to be made, covering for instance fire appliances and equipment, water supplies, means of escape, storage conditions and good housekeeping.

Specific Inspection. An examination of the premises and plant for the purposes indicated above but limited to one or more particular aspects of fire prevention.

Routine Inspection. An examination made as a rule periodically for the purpose of ascertaining whatever particular precautions which should be in operation are, in fact, being maintained.

Follow-up Inspection. An inspection made following a survey or specific inspection to note progress or advise on detail.

FIRE SERVICES
Statement of Expenditure and Income for the Local Financial Year Ended May, 1969
REVENUE EXPENDITURE

TABLE 5A

Fire Brigade Authority	Staff Costs	Fire Service Pensions and Gratuities	Property Running Costs	Clothing and Personal Equipment	Water Supplies	Communi-cations	Transport Running Costs	Admini-strative and Other Expenses	Revenue Contri-butions on Capital	Loan Charges on Capital	Total Gross Expendi-ture	Income	Net Expendi-ture
	£	£	£	£	£	£	£	£	£	£	£	£	£
Angus	268,909	31,056	17,591	5,939	1,043	4,706	8,806	17,737	27,502	27,902	411,191	26,426	384,765
Central	323,245	30,130	30,270	7,996	693	2,483	14,564	22,039	80,057	—	511,477	26,036	485,441
Fife	258,223	21,865	20,534	7,662	653	7,838	8,701	13,026	85,547	—	424,049	26,979	397,070
Glasgow	1,040,599	141,885	85,446	20,229	677	8,488	28,037	54,577	35,681	71,903	1,487,522	82,930	1,404,592
Lanarkshire	383,135	22,503	38,884	14,388	390	745	16,126	27,681	61,071	—	564,923	33,337	531,586
North-Eastern	288,055	26,759	36,631	4,001	3,241	6,377	12,107	19,032	29,321	58,751	484,275	23,087	461,188
Northern	124,277	3,891	9,617	2,264	1,421	5,249	6,743	7,818	2,198	27,986	191,464	6,374	185,090
Perth and Kinross	130,260	5,351	10,254	2,510	—	1,690	5,702	5,054	19,304	11,272	191,397	7,028	184,369
South-Eastern	569,893	68,502	35,995	10,376	2,504	9,092	15,932	26,685	180,719	—	919,698	41,731	877,967
South Western	320,019	20,180	31,291	7,950	1,195	6,922	15,417	14,610	—	71,279	488,863	36,789	452,074
Western	357,970	51,090	37,690	8,500	4,160	460	13,030	26,400	21,753	68,200	589,253	33,110	556,143
Totals	4,064,585	423,212	354,203	91,815	15,977	54,050	145,165	234,659	543,153	337,293	6,264,112	343,827	5,920,285

These figures have been supplied by fire authorities to the Department and are subject to audit by the Auditor appointed by the Secretary of State. They do not include expenditure incurred on the Auxiliary Fire Service.

CAPITAL EXPENDITURE

Fire Brigade Authority	Stations	Houses	Transport	Communications	Water Supply	Others	Total
	£	£	£	£	£	£	£
Angus	145,787	—	27,130	260	6,269	—	179,446
Central	38,747	—	19,764	450	21,096	—	80,057
Fife	43,795	7,725	26,550	301	7,176	—	85,547
Glasgow	60,105	47,620	24,770	—	6,040	—	138,535
Lanarkshire	40,937	—	10,314	—	9,820	—	61,071
North-Eastern	16,886	3,420	18,551	—	10,383	—	49,240
Northern	29,117	—	5,302	—	4,884	1,174	40,477
Perth and Kinross	16,845	—	10,018	130	3,674	5,482	36,149
South-Eastern	149,836	—	19,207	5,000	6,676	—	180,719
South Western	66,590	—	15,652	1,020	6,389	1,967	91,618
Western	91,982	30	8,996	—	8,842	—	109,850
Totals	700,627	58,795	186,254	7,161	91,249	8,623	1,052,709

The figures of Capital Expenditure includes Revenue Contributions to capital shown in the table of Revenue Expenditure.

FIRE SERVICES
Statement of Expenditure and Income for the Local Financial Year Ended May, 1970
REVENUE EXPENDITURE

TABLE 5B

Fire Brigade Authority	Staff Costs	Fire Service Pensions and Gratuities	Property Running Costs	Clothing and Personal Equipment	Water Supplies	Communications	Transport Running Costs	Administrative and Other Expenses	Revenue Contributions to Capital	Loan Charges on Capital	Total Gross Expenditure	Income	Net Expenditure
	£	£	£	£	£	£	£	£	£	£	£	£	£
Angus	297,665	22,451	20,197	4,602	914	5,413	8,943	19,194	15,893	47,281	442,553	31,015	411,538
Central	359,927	23,001	34,744	7,840	1,202	3,681	15,651	25,742	48,192	—	519,980	20,140	499,840
Fife	315,431	18,415	19,523	8,871	1,093	8,263	7,940	10,148	95,778	—	485,372	33,050	452,322
Glasgow	1,220,151	145,459	99,002	20,536	4,936	12,311	28,041	65,360	53,567	84,703	1,734,066	105,324	1,628,742
Lanarkshire	420,772	39,712	42,622	9,351	317	2,963	22,567	30,189	92,583	—	661,076	31,746	629,330
North-Eastern	321,551	30,195	40,649	4,600	2,600	8,200	2,635	18,075	30,750	58,360	527,615	24,325	503,290
Northern	134,924	7,963	8,967	2,871	593	3,413	6,997	10,150	1,944	33,151	210,973	1,819	192,782
Perth and Kinross	142,968	11,994	10,709	2,633	—	2,456	6,074	5,063	6,010	18,762	206,669	10,205	196,464
South-Eastern	649,057	74,683	39,709	11,244	2,558	8,493	6,130	22,119	201,530	—	1,025,523	57,217	968,306
South Western	359,389	36,283	34,268	9,023	983	9,421	8,666	14,986	647	85,301	568,967	48,349	520,618
Western	386,493	34,360	42,012	8,710	5,025	7,480	14,620	20,306	22,787	93,920	635,713	37,675	598,038
Totals	4,608,328	444,516	392,402	90,191	20,221	72,094	58,264	241,332	569,681	421,478	7,018,507	417,237	6,601,270

These figures have been supplied by fire authorities to the Department and are subject to audit by the Auditor appointed by the Secretary of State. They do not include expenditure incurred on the Auxiliary Fire Service.

CAPITAL EXPENDITURE

Fire Brigade Authority	Stations	Houses	Transport	Communications	Water Supply	Others	Total
	£	£	£	£	£	£	£
Angus	199,959	—	15,567	326	3,218	—	219,070
Central	16,523	—	8,639	—	23,029	—	48,191
Fife	52,162	10,223	25,448	—	7,945	—	95,778
Glasgow	101,896	6,050	49,487	—	4,080	—	161,513
Lanarkshire	64,640	—	17,448	—	10,495	—	92,583
North-Eastern	32,235	—	21,750	—	9,000	—	62,985
Northern	22,829	—	6,985	—	7,801	—	37,615
Perth and Kinross	130,314	—	4,809	—	1,201	—	136,324
South-Eastern	156,165	—	31,015	3,000	11,350	—	201,530
South Western	62,094	—	19,764	2,200	5,543	172	89,773
Western	111,726	6,586	9,835	—	11,795	170	140,112
Totals	950,543	22,859	210,747	5,526	95,457	342	1,285,474

The figures of Capital Expenditure includes Revenue Contributions to Capital shown in the table of Revenue Expenditure.

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111136	1.00	100		111136	1.00	100	
111137	1.00	100		111137	1.00	100	
111138	1.00	100		111138	1.00	100	
111139	1.00	100		111139	1.00	100	
111140	1.00	100		111140	1.00	100	
111141	1.00	100		111141	1.00	100	
111142	1.00	100		111142	1.00	100	
111143	1.00	100		111143	1.00	100	
111144	1.00	100		111144	1.00	100	
111145	1.00	100		111145	1.00	100	
111146	1.00	100		111146	1.00	100	
111147	1.00	100		111147	1.00	100	
111148	1.00	100		111148	1.00	100	
111149	1.00	100		111149	1.00	100	
111150	1.00	100		111150	1.00	100	
111151	1.00	100		111151	1.00	100	
111152	1.00	100		111152	1.00	100	
111153	1.00	100		111153	1.00	100	
111154	1.00	100		111154	1.00	100	
111155	1.00	100		111155	1.00	100	
111156	1.00	100		111156	1.00	100	
111157	1.00	100		111157	1.00	100	
111158	1.00	100		111158	1.00	100	
111159	1.00	100		111159	1.00	100	
111160	1.00	100		111160	1.00	100	
111161	1.00	100		111161	1.00	100	
111162	1.00	100		111162	1.00	100	
111163	1.00	100		111163	1.00	100	
111164	1.00	100		111164	1.00	100	
111165	1.00	100		111165	1.00	100	
111166	1.00	100		111166	1.00	100	
111167	1.00	100		111167	1.00	100	
111168	1.00	100		111168	1.00	100	
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