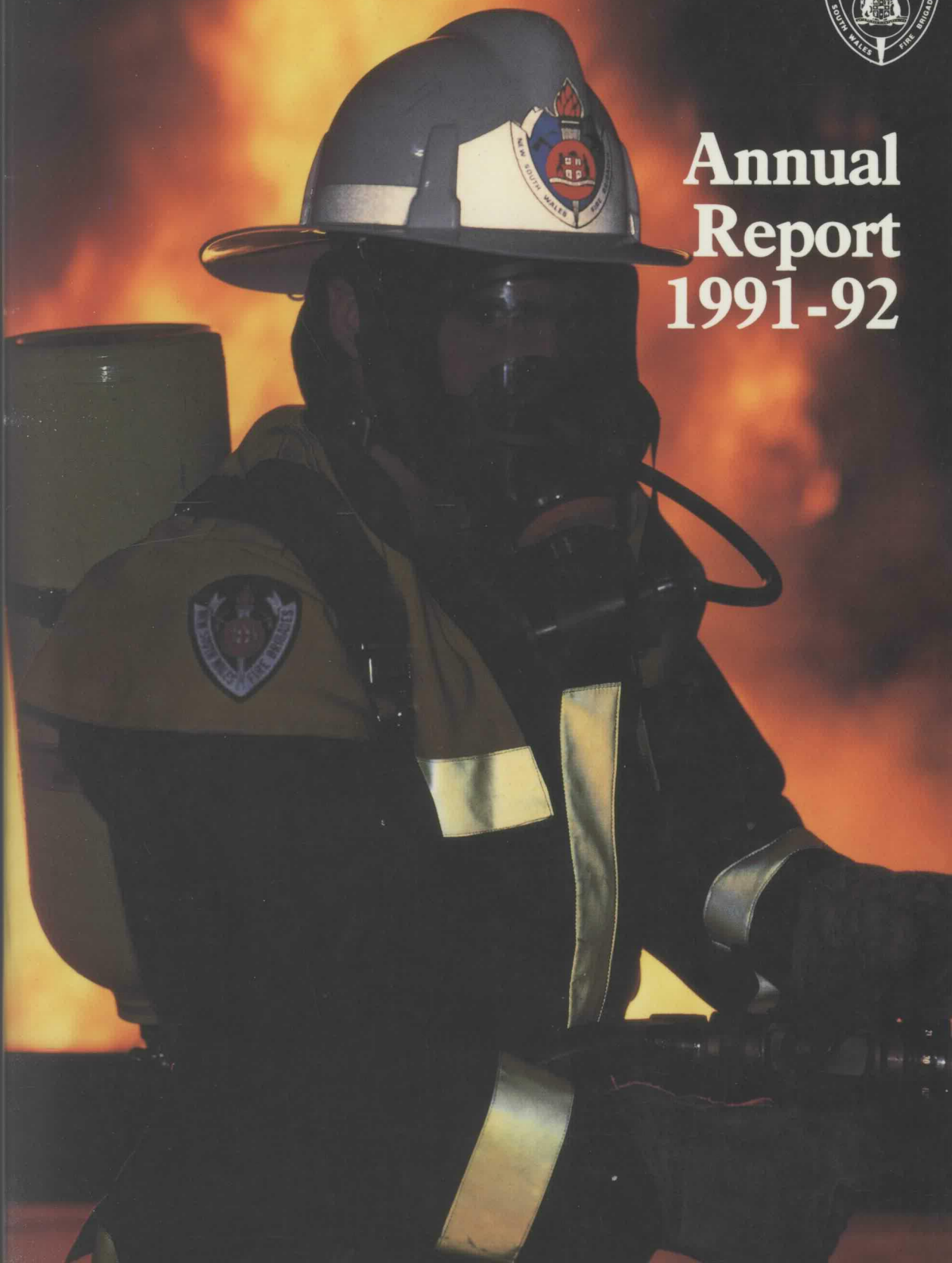


New South Wales Fire Brigades



Annual Report 1991-92





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Our Reference:

30 October 1992

608/1-21

The Hon Wayne Merton MP
Minister for Justice
Minister for Emergency Services
Roden Cutler House
Campbell Street
SYDNEY NSW 2000

Sir

ANNUAL REPORT FOR THE PERIOD 1 JULY 1991 - 30 JUNE 1992

I have pleasure in submitting to you for presentation to Parliament, the third annual report of the New South Wales Fire Brigades.

The report summarises the organisation's activities during the 12 months to 30 June 1992.

This report has been prepared in accordance with the provisions of the Annual Reports (Departments) Act 1985, and the Public Finance and Audit Act 1983.

P. B. Rath
P B Rath
Director-General



New South Wales Government
Putting people first by managing better.

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PART 1 - INTRODUCTION

Charter

The New South Wales Fire Brigades was constituted under the provisions of the Fire Brigades Act, 1989 as a Government Department on 1 January 1990, replacing the Board of Fire Commissioners as the organisation responsible for providing fire protection to the major centres of urban population throughout the State. Fire protection for other parts of the State is regulated by the Bush Fires Act, 1949, which formalises the establishment of Bush Fire Brigades under the control of local government authorities.

Legislative Change

In 1991/92 there was no significant change to the legislation affecting the operation and role of the New South Wales Fire Brigades. Neither were there any relevant major common law court cases or decisions.

Fire Districts

The Fire Districts areas to which the Fire Brigades, 1989 Act apply are prescribed "Fire Districts". The boundaries of the Fire Districts are established by agreement between the Brigades and local government authorities, with the Minister's approval.

The provisions of the Fire Brigades Act apply in those 186 town and city areas of the State, which have been declared as Fire Districts. There were no new Fire Districts established during 1991/92, and no extensions to existing Districts.

Community Served

During the period under review, the Brigades were responsible for providing fire coverage for 86% of the State's population. When necessary, the Brigades are empowered to provide fire-fighting services to property beyond the limits of the Fire Districts.

Objectives

The Brigades objectives are :

- * take all practicable measures for preventing and extinguishing fires and for protecting and saving life and property in case of fire;

- * meet responsibilities for non-fire rescue by medium of units accredited by the State Rescue and Emergency Services Board;
- * engage in responsible preventative operations to reduce bush fire hazards;
- * contain damage to the environment resulting from chemical spillages or incidents.

Range of Services

Firefighting

The NSW Fire Brigades employed some 2,700 permanent and 3,100 volunteer firefighters during the period, all of whom are trained and equipped to provide rapid response to calls of fire and other emergencies.

Fire Prevention

Fire prevention is carried out on two fronts - by the provision of advice on structural fire safety, and by public education. The Brigades maintain a Fire Safety Division to carry out building inspections and provide advice on structural fire safety.

The Brigade discharged its function of providing the public with fire safety education through the activities of the Public Education Section based at the Alexandria Training College, the Public Relations Section based at Head Office, and the ongoing activities of fire stations.

Local fire stations provide fire safety lectures so developing closer contact with their local communities and giving firefighters the opportunity to be proactive in educating the community in fire safety.

Bushfire Hazard Reduction

In order to provide fire protection to areas bordering bushland, firefighters carried out hazard reduction operations in an environmentally responsible manner with the co-operation of local council officers and bush fire brigades.

Rescue

Firefighters are trained and equipped to rescue persons trapped in fires. Stations accredited as rescue units receive specialised training and equipment to respond to non-fire

rescue situations such as road, domestic and industrial incidents. Statistics of the accredited Brigades rescue units are in Table 14, "Reported Responses by Region, Zone and Stations".

Hazardous Materials Incidents Response

While all stations have responded to calls to chemical incidents, the frequency and severity in recent years of incidents involving hazard-

ous materials led to the development of the Hazardous Materials Unit at Waterloo (to transfer to Chullora in 1993) as a sub-unit of the Brigades' Breathing Apparatus Section and training facility. This capability is gradually being extended, in terms of training and equipment, to key locations throughout New South Wales.

Committees

NSW Fire Brigades Advisory Council

The function of the Fire Brigades Advisory Council is to consider and furnish advice to the Minister on matters relating to the administration of the New South Wales Fire Brigades.

The members who are selected in accordance with Section 75 of the Fire Brigades Act are:

Mr P B Rath, Director-General, NSW Fire Brigades.

Mr S Hearn, Chief Officer, NSW Fire Brigades.

Mr R Hensman, Sun Alliance Australia Ltd (representing insurance companies in NSW).

Councillor R Parker, Sutherland Shire Council (representing local government in NSW).

Mr R White, Treasury.

Mr P Koperberg, Director-General, Department of Bush Fire Services.

The Council was not called upon to meet in 1991/92.

Corporate Executive Group

Director-General P B Rath

Chief Officer S Hearn, AFSM *

Director Corporate Services A C McGrath, PSM

Executive Officer Fire Services R Freeman, AFSM*

Director Finance H W G Cavill, FCPA, FCT, FAIM

Director Operational Support R Doyle

Regional Commander North West F Thomas, AFSM*

Regional Commander South N Newson*

Regional Commander North R Herman*

Regional Commander South West R Atkinson*

The Corporate Executive Group is the Brigades' senior policy-making committee, and meets fortnightly.

Senior Operations Committee

This committee meets fortnightly and comprises the officers marked * above. Its function is to review and co-ordinate operational procedures and formulate policy on Brigade operational matters.

Examinations Committee

Chaired by the Director-General, the Examinations Committee includes the Chief Officer, the Executive Officer Fire Services and the Examinations Officer.

It is responsible for determining the syllabus, pass mark, format and time and location of all examinations, and ratifies the examination assessments made by the Examinations Officer.

Suggestions Awards Committee

The Committee evaluates new ideas for the improvement of the Service submitted by Brigade personnel. The committee consists of the Chief Officer's Staff Officer and nominees of the Directors of Corporate Services and Finance.

Worthwhile suggestions which have recently been rewarded include:

Senior Firefighter C Shapter for computer record at State Communications Centre of kidney dialysis machine addresses.

Senior Firefighter G Medcalf for developing a prototype of an Inspector Cinders stamp.

Station Officer K Priest for developing a prototype of a hose unroller for use in confined spaces.

Station Officer A Johnston for suggestions regarding the security of keys at stations.

Senior Firefighter J Baldwin for research into cost savings by use of hot air hand dryers.

Station Officer Roger Dobson for reorganisation of waste disposal services at Headquarters, resulting in significant savings.

New South Wales Fire Brigades Representation on Interdepartmental Committees

Fires in Residential Occupancies Task Force

Function: to determine strategies to reduce death and injury through fires in residential occupancies.

Chaired by Deputy Regional Commander B Eadie, Manager, NSW Fire Brigades Fire Safety Division, this Task Force includes a representative of the Department of Local Government, together with three NSW Fire Brigades members: Zone Commander A Easy, OIC Fire Investigation Unit, District Officer W Roberts, OIC, Public Education Section and Mr J Hoban, Manager, Public Relations Section.

Building Fire Safety

The Brigade is represented on the Building Regulations Advisory Council, the Australian Uniform Building Regulation Consultative Council and the Environmental Planning Authority and by the Fire Safety Division Manager, Deputy Regional Commander B Eadie. Officers of the Fire Safety Division also represent the Brigades on committees of the Standards Association of Australia.

Communications

The Brigades were represented by the Response Co-ordinator on the Control Room Committee - a sub-committee to the State Rescue and Emergency Services Board; enhanced 000 - a joint emergency services/Telecom task force, established to effectively introduce Caller Line Identification; Emergency Response System 7 - a committee of interstate fire service and Telecom, established to develop and introduce an emergency response system to replace existing fire reporting system equipment; and Datachem HAG - a committee of interstate fire services and Australian

Chemical Industry Council established to introduce, evaluate and maintain a Hazmat Action Guide Form for speedy transmission of information at chemical incidents.

Bush Fire Council

The Director-General and the Chief Officer represent the NSW Fire Brigades on the Bush Fire Council. The Director-General represents the NSW Fire Brigades on the Bush Fire Council Co-ordinating Committee.

Australian Assembly of Fire Authorities

The NSW Fire Brigades has continued its participation in the Australian Assembly of Fire Authorities. The Assembly enables senior executives of member authorities to exchange information, to discuss matters of mutual concern and interest, and, where appropriate, to work towards common standards. Brigade officers, particularly from the Fire Safety Division, serve on sub-committees or working parties formed to investigate defined areas and report back to Assembly meetings.

Principal Officers

Director-General - Peter Rath

Was appointed by the Governor as President and Chief Executive of the Board of Fire Commissioners of New South Wales from 30 March 1987. With effect from 1 January 1990, Mr Rath's appointment became that of Director-General as a result of new legislation. Mr Rath holds a Bachelor of Arts degree. Prior to his present appointment he was Deputy Secretary, Premier's Department of New South Wales.

Chief Officer - Stan Hearn

Joined the Fire Service on 18 May 1956. After serving in many ranks and special appointments, he was appointed Chief Officer on 5 July 1991. He is responsible to the Director-General for the operation, technical direction and administration of the Fire Service in NSW. He is a graduate of the Institution of Fire Engineers and has been awarded the Queen's Long Service and Good Conduct Medal, the National Medal, and the Australian Fire Service Medal.

Executive Officer Fire Services - Ross Freeman

Joined the Fire Service on 7 October 1955. He served in all ranks, including an extensive period with the Fire Prevention Department, before being appointed to the position of Executive Officer Fire Services on 26 April 1991. He is a Fellow of the Institution of Fire Engineers and has been awarded the Queen's Long Service and Good Conduct Medal, National Medal and the Australian Fire Service Medal.

Director Finance - HWG (Peter) Cavill

Was appointed as Director Finance in April 1991. Mr Cavill is a Fellow of the Australian Society of Certified Practising Accountants, the Australian Society of Corporate Treasurers and the Australian Institute of Management. Prior to joining the Brigades, Mr Cavill held the senior financial executive position within the general management team of a number of well known public and private organisations for over a decade.

Director Corporate Services - Alfred McGrath

After joining the Board of Fire Commissioners in 1949, AC McGrath became Industrial Officer of the Board in August 1974 and Assistant Secretary on 8 March 1978. During 1990, Mr McGrath was Acting Secretary. He was appointed to his cur-

rent position following the restructure of the Brigades.

Director Operational Support - Roger Doyle

Was appointed as Director Operational Support in October 1990. An engineer by profession, specialising in the areas of electro-mechanical control equipment and communications systems, he is a Member of the Chartered Institute of Transport and Associate Fellow of the Australian Institute of Management. Previously Group Technical Manager, Wormald International and Project Manager, Fire Protection Systems for the new (Collins Class) submarines currently under construction for the Royal Australian Navy.

Regional Commander (North) - Ron Herman

Joined the Fire Service in 23 March 1956. Held the position of Superintendent in charge of the Sydney Metropolitan area from 1989 until 25 April 1991, when he was appointed to his current position. He was awarded the Queen's Long Service Medal and the National Medal.

Regional Commander (North West) - Frank Thomas

Joined the service in March 1956 and was appointed Superintendent/Manager Supply and Maintenance Division Chullora in 1988, and Superintendent Personnel in November 1990. He served in that position until April 1991 when he was appointed to his current position. He has been awarded the Queen's Long Service and Good Conduct Medal, the National Medal and Australian Fire Service Medal.

Regional Commander (South) - Noel Newson

Commenced service with the NSW Fire Brigades in July 1958 and, after serving in all ranks and several special appointments, was appointed to the position of Regional Commander South on 5 July 1991. He holds the National Medal.

Regional Commander (South West) - Royce Atkinson

Commenced service with the NSW Fire Brigades in January 1968. Appointed Regional Commander 25 April 1991 and is responsible to the Chief Officer for Brigade Operations in Region South West. He is a Fellow of the Institution of Fire Engineers and is President of the NSW Branch of that body and holds the National Medal.

NSW FIRE BRIGADES

NSW Fire Brigades
Advisory Council

Chief Officer
S Hearn

Regional
Commander
North
R Herman

Regional
Commander
South
N Newson

Regional
Commander
North West
F Thomas

Regional
Commander
South West
R Atkinson

Executive
Officer
Fire Services
R Freeman

Manager
Training

Manager
Operations
Research

Manager
Fire Safety
Division

* College

* Rescue

* Public Education

* Examinations

* Regional Training

* Statistics

* Research
and
Development

* Fire Investigation

* Fire Standards

* Protection Advice

* Inspections

* Communication Centres

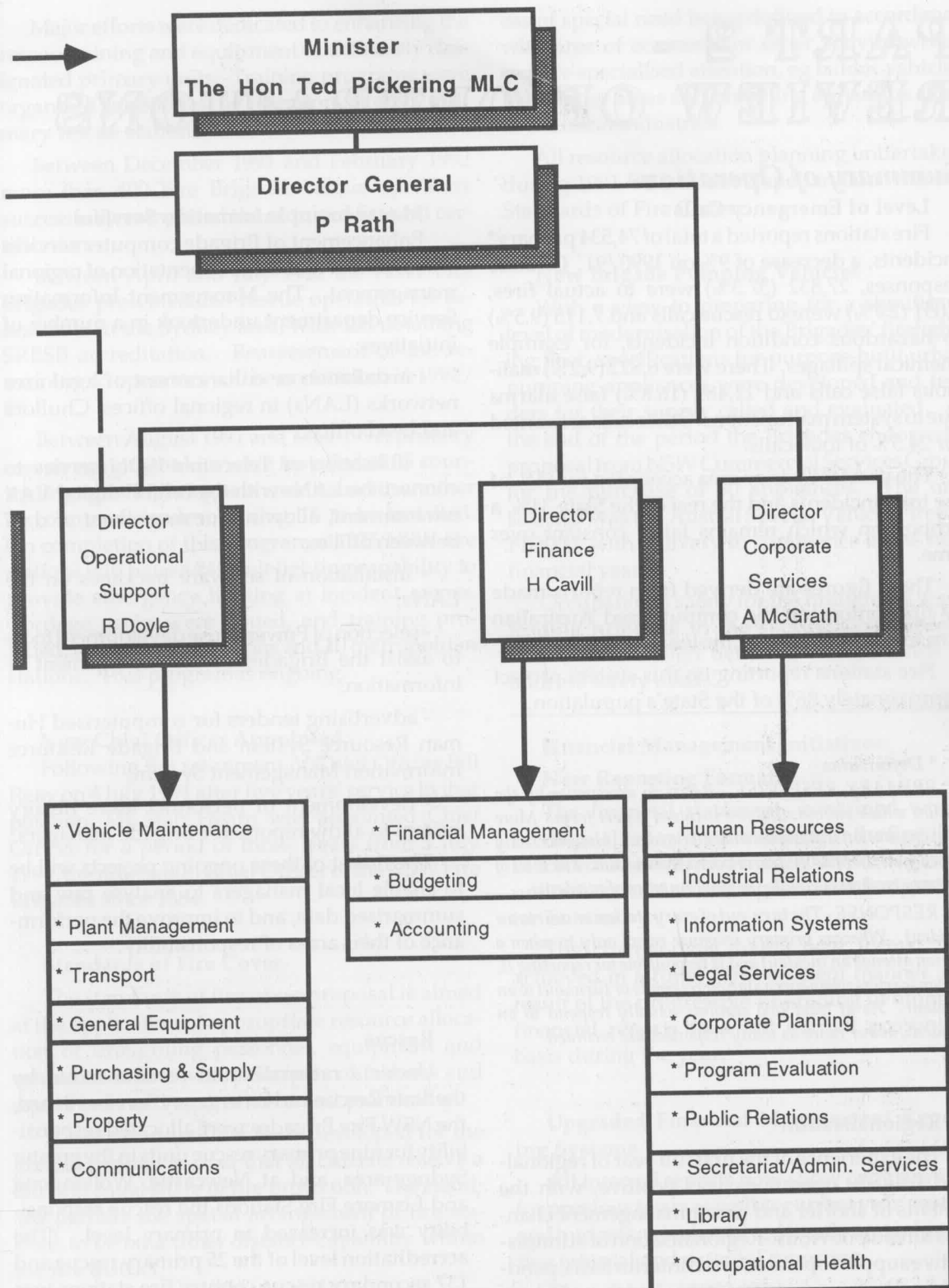
* Breathing Apparatus

* Hazmat

Notes : 1.This chart show lines of responsibility
and not necessarily seniority.

2. Correct as at 30 June 1992

3. Detailed reports on Regional operations
are given in Part 2 of this Report.



PART 2 - REVIEW OF OPERATIONS

Summary of Operations

Level of Emergency Calls

Fire stations reported a total of 74,534 primary* incidents, a decrease of 9% on 1990/91. Of these responses, 27,832 (37.3%) were to actual fires, 2,051 (2.7%) were to rescue calls and 7,115 (9.5%) to hazardous condition incidents, for example chemical spillages. There were 6,822 (9.2%) malicious false calls and 12,489 (16.8%) false alarms due to system malfunctions. Other calls accounted for 24.5% of total calls.

The greater Sydney area accounted for 66% of the total incidents and the rest of the State 34%, a proportion which remains fairly constant over time.

These figures are derived from reports made by fire stations on the computerised Australian Fire Incident Reporting System (AFIRS).

Fire stations reporting on this system protect approximately 86% of the State's population.

* Definitions

PRIMARY RESPONSE - Refers to a response by the station which submits the fire incident report form. More than one station usually attends an incident. However, only one station submits the fire incident report form. The total of primary responses equals the total number of incidents.

RESPONSE - The turn-out of every station or unit to an incident. Whereas primary response refers only to when a station attends an incident and is responsible for reporting it, response refers whenever a station responds or turns out to an incident. As at least two stations usually respond to an incident, about twice as many responses are recorded.

Regionalisation

The experience of the first full year of regionalised Brigade operations was positive, with the benefits of shorter and closer management channels already obvious. Regionalisation of administrative support operated on an interim basis, pending finalisation of a restructuring of the administrative and support staff.

Management Information Services

Enhancement of Brigade computer services was essential to the implementation of regional management. The Management Information Service department undertook in a number of initiatives:

- installation or enhancement of local area networks (LANs) in regional offices, Chullora and head office;

- utilisation of Telecom's ISDN service to connect the LANs with the central digital VAX environment, allowing for movement of data between offices;

- installation of software packages on the LANs;

- selection of Powerhouse development tools to assist the Brigades in the management of information;

- advertising tenders for computerised Human Resource System and Brigade Resource Information Management System;

- development of personnel leave history system to allow reports for Brigade managers.

The thrust of these ongoing projects will be to enable local managers to analyse raw and summarised data, and to improve the performance of their areas of responsibility.

Rescue

Under a rationalisation recommended by the State Rescue and Emergency Services Board, the NSW Fire Brigades were allocated responsibility for nine primary rescue units in the greater Sydney area, and at Newcastle, Wollongong and Lismore Fire Stations the rescue responsibility was increased to primary level. (The accreditation level of the 25 primary rescue and 137 secondary rescue country fire stations was unchanged.)

Major efforts were dedicated to enhancing the rescue training and equipment of the newly designated primary units. Training programs were organised for 800 rescue operators at all 37 primary rescue stations.

Between December 1991 and February 1992 more than 400 Fire Brigades rescue operators successfully completed the required first aid certification.

Between April and July 1992 the NSW Fire Brigades presented 263 rescue operators for assessment in the Sydney area, with 198 obtaining SRESB accreditation. Reassessment of the remaining 65 operators will be undertaken in 1992/93.

Between August 1991 and May 1992, primary rescue equipment kits were installed at 35 country Brigades. Lighting sets were issued to another 26 country Brigades, leaving 16 to be installed. On completion of this program all 325 NSW fire stations will have a 240 volt lighting capability to provide emergency lighting at incident scenes. Cordage packs were issued, and training provided, to 19 country stations and 10 metropolitan stations. This program is ongoing.

New Chief Officer Appointed

Following the retirement of Chief Officer Bill Reay on 4 July 1991 after five years' service in that position, Mr Stan Hearn was appointed Chief Officer for a period of three years from 5 July 1991, the nineteenth Chief Officer of the NSW Fire Brigades since 1884.

Standards of Fire Cover

The standards of fire cover proposal is aimed at the application of appropriate resource allocation of firefighting personnel, equipment and resources in line with principles of fairness and equity balanced against need and practicality.

A basic standard has been developed for the greater Sydney area so that all citizens receive a fair and equal share of fire protection. The standard permits the spatial arrangement of fire stations to be on a time/distance capability within the fire district.

The standard has been derived from a very broad statistical and scientific database with ar-

eas of special need being defined in accordance with area of economic or other activity which require specialised attention, eg ladder vehicles in high rise areas and breathing apparatus close to chemical industries.

All resource allocation planning undertaken during 1991/92 was developed in line with the Standards of Fire Cover.

New Brigade Pumping Vehicles

With a view to preparing for a significant level of modernisation of the Brigades' firefighting fleet, specifications for purpose-built urban pumping appliances were developed and tenders for their supply called and evaluated. At the end of the period the Brigades endorsed a proposal from NSW Commercial Services Group for the purchase of 30 appliances. The unit selected was the Austral Special Vehicle Firepac FB3000, with delivery to commence in the next financial year.

Occupational safety for the firefighters was a leading principle in the specification process, and further design detailing will continue to address safety needs.

Financial Management Initiatives:

New Reporting Format

The financial statements contained within this annual report are presented for the first time in accordance with the Financial Reporting Code under Accrual Accounting for Inner Budget Sector Entities.

The change-over to the new format was achieved in a timely and efficient manner as a result of the progressive upgrading of monthly financial reports to a full accrual accounting basis during the year.

Upgraded Financial Management Reporting Systems

All internal reports now show comparatives for previous years as well as current year's actual and budgets, which enabled timely and informative internal and external reporting.

The target for 1992/93 is to move to on-line database access for financial information and

standard reporting formats when support personnel are devolved to the regional structure.

Rationalisation of Financial Regimes

All internal and external budgets and reporting on actual outcomes are now on a full accrual accounting basis.

The remaining rationalisation remains the conversion of the State's Statutory Fire Service Levy Contributions Calculation from a cash to accrual basis. This will require an amendment to the Fire Brigades Act.

Financial Overview

1991/92 Outcomes

On a fully accrued basis the Department achieved a positive Operating Result of \$2.8 million compared to last year's \$4.9 million and a budgeted loss of \$2.8 million which reflects the funds carried over from 1990/91.

This \$5.6 million better than budgeted performance was due to a 109% increase in Operating Revenues, a 2.73% saving in Operating Expenses and the writeback of \$5.3 million of prior year's contributions overstated.

Some \$7.6 million of these gains carry forward to 1992/93 to fund expenditures carried over and/or reduce net funding requirements.

Capital Works outlays at \$4.2 million compared to budget of \$10.9 million and last year's outcome of \$7.9 million were disappointing because of the external factors which delayed the projects concerned.

1992/93 Budget and 1993 Fire District Estimates

Total Operating Expenses at \$190.0 million are a 7.22% increase on 1991/92's outcome of \$177.2 million and a 4.3% increase on last year's budget because of the number of projects uncompleted in 1991/92 carrying over to 1992/93.

Total Operating Revenues at \$7.0 million represent a 56% increase on last year's budget of \$4.5 million, and a 25.12% decrease on last year's exceptional outcome of \$9.3 million.

Because of last year's outcomes and the carry forward of those gains to the funding equation,

the Consolidated Fund recurrent allocation of \$175.4 million for 1992/93 is a \$0.6 million decrease on last year's \$176 million.

More importantly these figures have enabled the Department to keep the 1993 Calendar Year Fire District Estimates static at the 1992 level of \$180 million. This represents a reduction in real terms for the Fire Service Levy Statutory Contributors.

The Capital Works budget for 1992/93 is \$16.5 million to compensate for 1991/92's delays and to ensure that major projects such as the Pumper Replacement program meet operational requirements.

Fleet Management

Changes were introduced in the area of Fleet Management with a progressive restructure of the section.

The development of a fleet data base is integral to the overall management and deployment of the fleet. This was undergoing evaluation at year's end. The database, designed in-house, will be available across the Brigades network, enabling each Region to access accurate and timely fleet information.

Training of drivers of ten new Scania pumpers purchased in the previous year was completed and the new appliances were installed mainly at fire stations with primary rescue responsibilities: Berowra, Burwood, Eastwood, HQ Flyer, Liverpool, Mascot, Mt Druitt, Narrabeen, Parramatta and Randwick.

The installation of the new appliances allowed for the reconditioning and upgrading of the vehicles previously in service at each of those stations, prior to their installation at quieter locations, where in turn the earlier vehicles became available for assessment and relocation. Thus training and installation of seventeen upgraded pumpers was completed at Barraba, Boggabri, Bombala, Brewarrina, Charlestown, Delroy, Dubbo, Dunedoo, Ettalong, Goulburn, Grenfell, Manly, Merimbula, Ryde, Tighes Hill, Wallsend and Windale.

At Narrabeen, training of firefighters and

installation of a new Isuzu Salvage/Rescue was completed, and of an upgraded Salvage/Rescue appliance at Eastwood.

Mechanical Services

Throughout the year an extensive program of upgrading the Brigade vehicles was effected, much of the work being contracted out. The enhancements improved the overall reliability of the pumpers and resulted in a reduced number of breakdown calls for field service, notably in the area of auto electrics.

As a result of the enhancements, all metropolitan pumpers are now fitted with transmission oil coolers, with 42 units having been installed; most metropolitan pumpers have now been fitted with electronic ignition; and elapsed hour counters, recording accumulated engine and ancillary equipment running times, have been installed in 133 appliances, and the program is continuing. Inclusion of running hours with the fleet data system will provide valuable detail in setting scheduled preventative maintenance.

Failures had occurred in some older siren controllers which were proving expensive to service. A new unit has now been fitted to 107 appliances. The program is continuing.

Communications

During the period Ministerial approval was received to proceed to project phases of programs to upgrade the automatic fire alarm network (AFA) and introduce computer aided despatch of Fire Brigades (CAD).

Development of detailed technical and commercial specifications for the CAD system commenced with a view to the issue of tenders during 1992/93. Establishment of specifications and procedures leading to the privatisation of AFA networks was also commenced. The introduction of modern technology to the CAD and AFA functions will considerably enhance the Brigades despatching and incident management procedures.

Stanmore Fire Station was closed during the year, and the automatic fire alarm systems terminating at Stanmore were relocated to terminate at Headquarters Station in Castlereagh Street.

Installation of new voice instant replay equip-

ment was completed at the State (Alexandria) and Regional Communication Centres during the year. Installation of new logging recorders also commenced at Regional Centres. Following the issue of a tender, orders for new Operator Telephone Systems were placed. Installation is scheduled in the coming year. The instant replay, logging and telephone equipment will provide significantly improved operator facilities and reliability levels together with lower maintenance costs.

In order to enhance operator facilities at the State Communications Centre, keyboards and VDUs were upgraded. The Newcastle Communications Centre was temporarily relocated to allow for the building of new facilities for both operators and equipment.

Limited trialling of Telecom (AOTC) calling line identification facility for the 000 service commenced. With this service the telephone number and address of the 000 caller is passed to the Brigades. The facility has the potential to significantly improve Brigade response times.

Installation of Brigades PABX network known as Firenet was substantially completed; one node (Wollongong) remains to be added during the following year. Savings in telephone call billing are anticipated as the network enables calls between Head Office, Regional and Deputy Regional offices, Chullora and Alexandria sites and Communications Centres to be made as internal calls.

Tenders were called for telephone systems for Zone Office and Fire Station applications. Recommendations will be made shortly. Preparation for the introduction of new Telecom Reporting Systems providing considerable technical and operational advantages over existing systems at volunteer stations was also undertaken.

Planning for the upgrade of the South Coast radio network has been completed for some time. Its introduction is however on hold pending the advice of the Department of Transport and Communications regarding new frequency allocations supporting talk through repeater operation. Other radio upgrades continue to be held pending the introduction of the proposed State Government Mobile Radio Network.

Metropolitan stations were issued with 400 hand held intrinsically safe radios at a cost of \$731,640. They will be used for short range communications in the metropolitan area during fire fighting and other incidents.

Network cost and usage controls were further enhanced as a result of ongoing development of the Brigades telecommunications services management system.

Restructuring of Supply Functions

The integration of the Fire Brigades stores facility at Chullora with that of the Police Service at Regents Park took place on 1 July 1991.

This established the NSW Fire Brigades as a non-inventory holding department, increasing the reliance on contracting for the direct supply to fire stations of equipment and services not available from the integrated stores facility.

During 1991/92 contracts were established to enable direct delivery to Fire Stations and Brigade units of the new style firefighting tunic; firefighting foam AFFF 1% & 6%; hydrocarbon dispersant neutralising agent for fire fighting; fire extinguisher repair and recharge services; firefighting equipment; and firefighting hose.

The future needs of the Fire Brigades supply functions will be met when electronic purchasing systems which have been developed and implemented become operational, following training of staff in the functions of the systems. The systems will enable improved processing of purchase requisitions and orders.

During 1992, the Brigades Boots Department ceased manufacturing firefighter top boots. Arrangements with a private sector footwear manufacturer ensured continued supply pending finalisation of a contract to manufacture and supply the new design firefighter safety boot.

Recovery of Fees for Fire Brigades Services

While the NSW Fire Brigades provide most firefighting and fire prevention services without charge, on the basis that fire service funding is collected from levies on insurance companies, and local government contributions as well as Treasury allocations, the Department has pursued a policy of recovering costs for services not

funded on that basis.

In 1991/92 an arrangement was completed whereby the Commonwealth Government, and Telecom Australia, both self insurers, each pay a fee for the provision of fire services to Commonwealth and Telecom properties protected by the NSW Fire Brigades. The fee is calculated on the basis of the percentage of Brigade attendances at those properties compared to their total incident attendances.

The Telecom Australia payment for 1991/92 was \$1.4 million, and the Commonwealth Government paid \$2 million.

The annual charge made to owners/occupiers of premises with automatic fire alarm systems monitored by the Fire Brigades was increased for 1991 to \$367 to move further towards full cost recovery. The Department is investigating the possibility of contracting the monitoring function out on a licensing basis.

In accordance with the Fire Brigades (Charges) Regulation 1989 the owners/occupiers of premises with automatic fire alarm systems continued to be invoiced for Brigade attendance at excessive numbers of avoidable false alarms. The experience of this initiative, which was directed at improving the standard of installation and maintenance of automatic fire alarm systems, and so reduce unnecessary Brigade response, has been a greater awareness of their responsibilities by the managers of the premises and the automatic fire protective industry members. The initiative has reversed the trend of previous years towards a continuous increase in false calls.

A charge is currently being considered for the provision of reports on incidents attended by Brigades: such reports are most often provided to insurance assessors. Charges are also being considered in relation to all costs incurred in the provision of automatic fire alarm services.

Reduction in Workers' Compensation Claims

The Brigade takes a proactive and employee-based approach to disability management, the success of which, for an employee body averaging about 6000 members, is shown by the drop in workers' compensation claims.

	Hours off Work	Number of Claims
1986/87	103,779	708
1987/88	69,802	623
1988/89	66,721	628
1989/90	58,109	562
1990/91	49,354	584
1991/92	36,117	474

Thus 1991/92 saw a 18.8% fall in the number of claims received, and a 26.8% fall in the number of working hours lost through work-related injuries. This is qualified by the fact that the final yearly figure for hours lost will increase over time as claims mature and additional hours are added to the year in which injuries occur. That qualification notwithstanding, the continuing downward trend in hours lost indicates the Department's performance with respect to its management of workers' compensation claims continues to be sound. This is clearly reflected in the refunds on premiums the Department has received from Treasury's Managed Fund in the last two years. In the financial year of 1990/91 the Brigades' received a refund of \$1,104,000 and for this financial year the figure was \$1,173,000.

Installation of New Hydraulic Platform

The Minister, the Hon Ted Pickering MLC, in his presentation to the Brigades of a new aerial appliance (two-thirds of which was funded from refunds received from Treasury's Managed Fund as above), stated that "the New South Wales Fire Brigades has been one of the strongest performers in the State in terms of its refunds" and this reflected "a reduction in the number of insurance claims and showed the New South Wales Fire Brigades was operating with the utmost concern for the safety and welfare of its members". The Department remains committed to improvements in these areas.

Significant Reduction in Sick Leave Taken

A positive outcome followed from close management attention to measures addressing the

level of sick leave. Sick leave taken by full-time Brigade members fell by 11.29% compared with the previous year. Sick leave for other employees fell by 19.39%. The overall Departmental sick leave incidence was 11.75% lower than in 1990/91.

Work is continuing to be directed at further reductions in sick leave, the chief vehicle being a protocol for the management of absenteeism, which is intended to come into effect in 1992/93.

Reduction in Overtime

An outstanding outcome of the first full year of regionalisation was a reduction of overtime value from \$4.4 million to \$2.9 million.

This was a result of the devolution of authority and responsibility to appropriate levels of management, and an acceptance by staff at all levels of the need to allocate resources for maximum cost-effectiveness. The result was assisted by detailed early reporting to managers of information on overtime taken, and trends, so providing feedback and allowing for corrective action where feasible.

National Competency Standards for Firefighters

The NSW Fire Brigades cooperated in a national initiative to develop competency standards for firefighters and produce a standardised training curriculum for firefighters. The Department considers that the time taken to impart competencies will vary from State to State in accordance with local requirements.

Residential Training of Probationary Firefighters

The transfer of the theory component of the Probationary Firefighters' training course to the campus of the Police Academy at Goulburn was successfully completed. Experience has shown significant educational and positive cultural change advantages arising from the full-time residential training, which is more intensive, and builds esprit de corps among the trainees. The practical component of the course continued to be conducted at the Alexandria Training College which has simulator training installations.

Risk Management

Risk Management is an integral part of Brigades management processes to permit correct identification, evaluation and control of those risks which threaten the assets, earnings and essential services of the department.

Because of the statutory obligations to respond to fire and other incidents, risk management is vitally important within the organisation as well as to the community it serves in minimising the effects of fire and other incidents.

Throughout this report there are specific references to training, occupational health and safety, rehabilitation, maintenance of property, vehicles and equipment, bonuses from the Treasury Managed Fund for better than targeted insurance claims experiences, improved financial practices and productivity savings, and extensive reporting on how the Brigades carried out their statutory obligations.

As the department identifies areas where improvements can be made, further risk management measures are undertaken.

Major Fires

Dungog Hostel Fire

The fire which occurred on 1 August 1991 at the Palm Grove Hostel, 15 kilometres from Dungog, was responsible for 12 fatalities, the worst fire in terms of lives lost in 1991/92.

The nearest NSW Fire Brigade was at Dungog, and the fire location was at a considerable travelling distance from Dungog Fire Station. The Dungog Volunteer Fire Brigade responded to the fire, which could be seen from some distance away by the approaching Brigade. On arrival, they found the hostel totally involved in fire. It is considered that all the fatalities had occurred before the Brigade's arrival.

The Brigades worked to extinguish the fire and then to search for the victims. The attending emergency services, which included Police, Ambulance and Bush Fire Brigades, worked in co-ordination.

The Brigades subsequently provided a report detailing aspects of the fire and fatality scene for the assistance of the State Coroner.

The distressing nature of the incident for the responding services was recognized, and the NSW

Fire Brigades' critical incident debriefers were involved in post-incident counselling which was extended to all emergency service personnel involved.

Cabramatta Mall Fire

A major fire at Cabramatta Mall on 24 September 1991 caused damage at over \$1 million.

The single-storey mall complex which was of tilt slab construction contained a supermarket and 22 shops and was severely damaged by fire. Five pumping appliances plus one aerial appliance contained and extinguished the fire.

The incident was of particular interest in the information it provided about the fire performance of building components, particularly the steel structural members, and the skylights which provided venting and, combined with firefighting operations, served to restrict the spread of heat and fire, and limited the damage loss.

Officers of the Department of Local Government inspected the fire scene with Brigade officers to take note of component behaviour.

Food Store Fire, Redfern

A fire which occurred at a food store in Botany Road, Redfern on 2 January 1992 was the occasion of actions by responding firefighters which were in the highest traditions of the Service.

The firefighters were confronted with a dangerous situation of fire and smoke, but in order to search for staff members believed trapped, they gained access to the upper level of the shop and carried out search and rescue operations under untenable conditions, and successfully removed three staff members from danger.

Explosion and Fire at Port Kembla

Six units of the Illawarra Brigades, including a Breathing Apparatus Unit, attended the premises of Southern Copper in Military Road, Port Kembla, on 25 August 1991, following the rupture of a \$150 million copper smelter and the resulting fire.

The situation which they encountered was a fire which was spreading with the molten metal. Under very hazardous conditions the firefighters worked to bring the fire under control. They were successful in containing the damage to the smelter, surrounding equipment, and two adjoining buildings.

Work in Progress as at 30 June 1992

New Station	Total Project Cost	Expenditure to 30.6.92	Anticipated Completion Date
Cooks Hill redevelopment	1,976,000	100,000	January 1993
Goulburn Training Facilities	257,000	196,000	August 1992
Camden	386,000	40,000	November 1992
Chullora	2,194,000	946,860	March 1993
<u>Major Renovations</u>			
South Region Office	53,000	3,000	September 1992
North West Region Office	139,000	5,000	October 1992
North Region Office/ Lane Cove Fire Station	185,000	—	December 1992

Major Works in Progress

Work commenced at Cooks Hill, Newcastle, for a new four bay fire station and communications control room, and completion is expected in April 1993. Brigade members had input into the design, which will provide a benchmark for future fire stations.

Construction of a new probationary firefighters' external training facility at the Goulburn Police Academy also commenced, with completion expected by the end of September 1992.

Work also started on a new two bay volunteer fire station located in Macarthur Road, Elderslie to replace Camden Fire Station. Relocating the station to Elderslie will mean that in an emergency, fire crews will be able to get to both Camden and Narellan in time to be of maximum benefit. Camden Fire Brigade has at times been isolated by floods, and the site at Elderslie was selected to bring this difficulty to an end. Completion is expected in December 1992.

Planning is also well advanced on major alterations and additions to Liverpool and Busby Fire Stations. Construction is scheduled to start early September 1992. Major alterations recycled redundant space in the Fire Brigades State Operational Support Centre at Chullora and key operational groups, including the BA/Hazmat Section, will be relocated (some from leased premises) as the reconstructed spaces become available.

The recurrently funded Repairs and Maintenance Programme included major expenditure to stations at Kogarah, Darlinghurst, Crows Nest, Bellingen, Hamilton, Botany and Drummoyne. Alterations were also carried out to provide accommodation for upgraded rescue facilities at Berowra, St Marys, Liverpool and Burwood Fire Stations.

Honours and Awards

The following personnel were the recipients of honours and awards during 1991/92:

Order of Australia - Bravery Awards

District Officer A Dwyer	-	Star of Courage
Firefighter K Fletcher	-	Star of Courage
Firefighter E Edmiston	-	Bravery Medal
Firefighter J Mathers	-	Bravery Medal
Firefighter G O'Brien	-	Bravery Medal
Station Officer C O'Brien	-	Bravery Medal
Inspector L Gudgeon	-	Commendation for Brave Conduct

These awards were made for actions at a major fire and explosions in a liquid petroleum gas tank farm at St Peters in 1990.

Commendations for Brave Conduct

In September 1991 Firefighter Graham McMillan received the Commendation for Brave Conduct for his role as a lifeguard with Sutherland Shire Council in rescuing the crew of a bulk liquid tanker ship which beached off Wanda Beach in heavy surf in July 1989.

In May 1992 Captain Edward Jones of the Wauchope Fire Brigade was awarded for his actions in April 1989 in saving the life of a bus passenger swept into the flooded Hastings River.

Australian Fire Service Medal

Chief Officer Stan Hearn; Captain Peter Hinchcliffe, Kempsey; Regional Commander Frank Thomas; Zone Commander John Benson.

The Australian Fire Service Medal is awarded for distinguished service.

St John Ambulance Award

In May 1992, His Excellency the Governor, Rear Admiral Peter Sinclair, AC AO presented the St John Ambulance Emergency Services Award to the following:

Deputy Captain M Bresnick, Volunteer Firefighter K Edmonds, Volunteer Firefighter D Corbin, Volunteer Firefighter J Karooz, all of Queanbeyan Fire Brigade, for their efforts in searching for and attempting the resuscitation of a fire victim at Queanbeyan in August 1991;

and Station Officer G Mullins, Firefighter J Mitchell, Firefighter C Weir, Firefighter W Heys,

Firefighter S Pigott, Firefighter D Sullivan, all of Headquarters Fire Station, who in July 1991 administered medical assistance to a person who had collapsed in Holt Street, Surry Hills.

NSW Government Certificate of Merit

- South Grafton and Maclean Fire Brigades for actions in relation to the bus crash near Grafton in October 1989.

- Kempsey and South West Rocks Fire Brigades for actions following the collision of two buses at Clybucca in December 1989.

- Inverell Fire Brigade for its part in the rescue and relief operations after the floods in Inverell in February 1991.

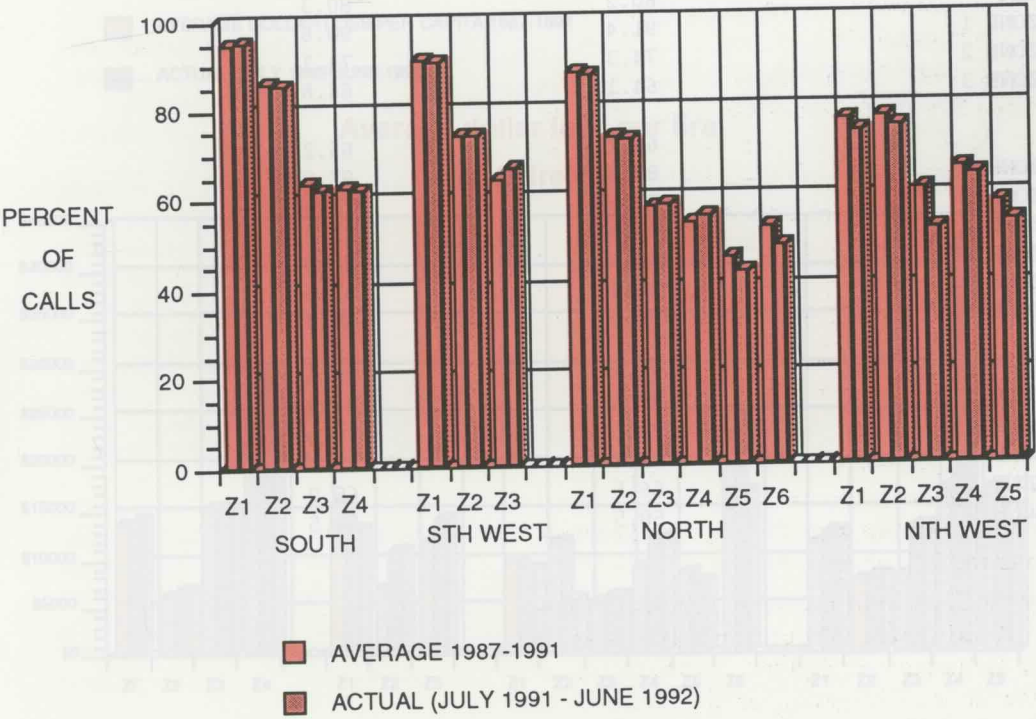
Performance Indicators

The organisation has set corporate objectives and defined standards by which these objectives may be measured. The following series of graphs and tables of performance indicators reflect the performance of Zones within Regions regarding key result areas.

The performance indicators chosen are measurements of operational performance. The Department

has set up an extensive data collection system which provides further opportunity for operational analysis over a five year period. This information has been provided to the State Government as part of its Strategic Information Base and a selection from the Strategic Information Base forms Table 15 to this report.

Performance relative to 7 minute target



Honours and Awards

The following personnel were the recipients of the following awards and honours:

1991-1992: Deputy Captain J. Brown, Volunteer Firefighter R. Edwards, Volunteer Firefighter J. Karous, all of Queenbeyan Fire Brigade, for their actions in searching for and attempting the resuscitation of a fire victim at Queenbeyan in August 1991.

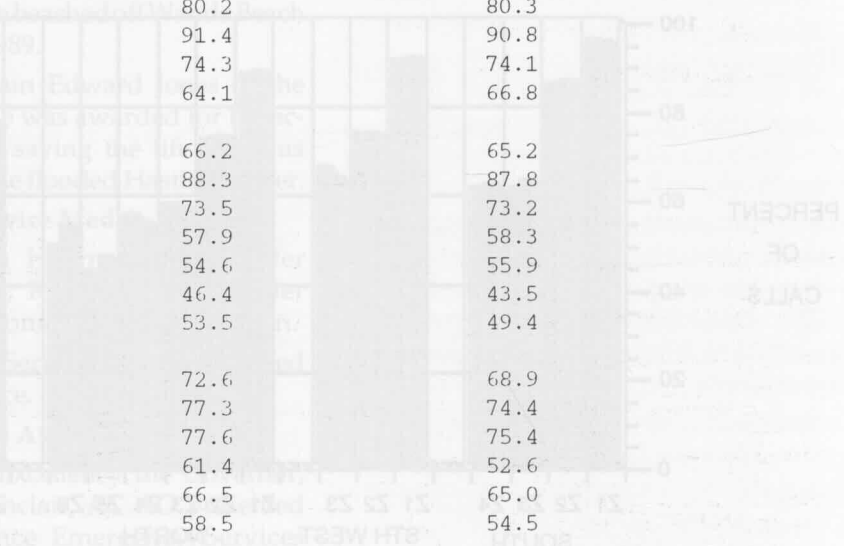
1991-1992: Station Officer C Mullins, Firefighter J Mitchell, Firefighter C Weir, Firefighter W Hays,

Firefighter S Hogg, Firefighter D Sullivan, all of the following stations: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Performance Related to 7 Minute Target

(PERCENT OF CALLS LESS THAN OR EQUAL TO 7 MINUTES)

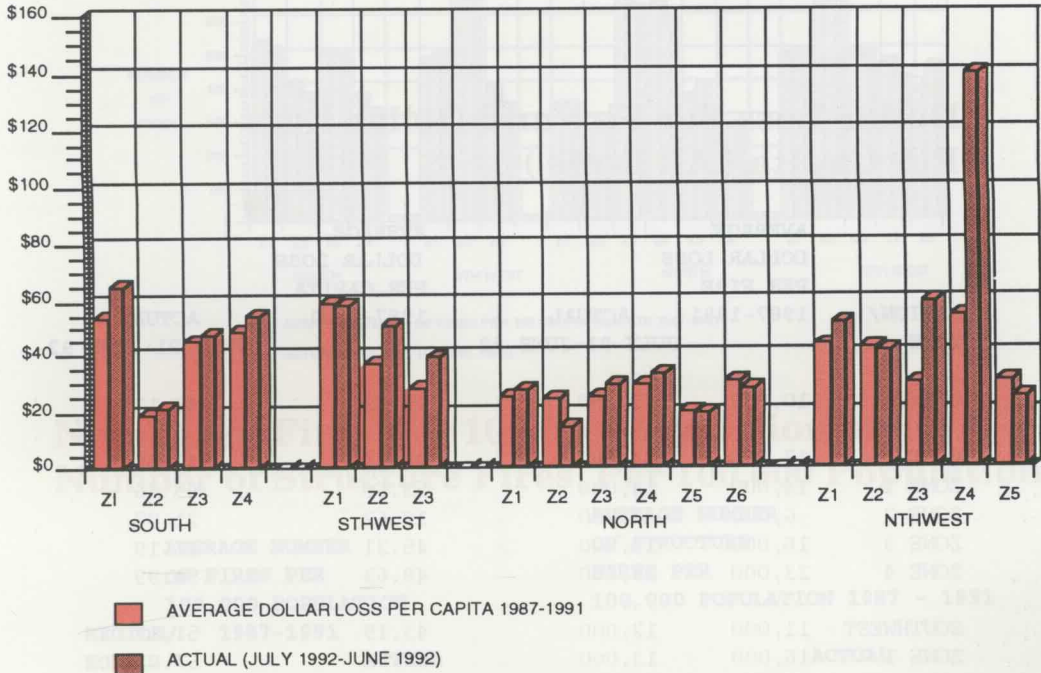
REGION/ZONE	AVERAGE 1987-1991	ACTUAL JULY 91-JUNE 92
STATE	75.6	74.2
SOUTH	84.5	84.0
ZONE 1	95.0	95.5
ZONE 2	85.9	85.5
ZONE 3	63.6	62.4
ZONE 4	62.5	62.3
SOUTHWEST	80.2	80.3
ZONE 1	91.4	90.8
ZONE 2	74.3	74.1
ZONE 3	64.1	66.8
NORTH	66.2	65.2
ZONE 1	88.3	87.8
ZONE 2	73.5	73.2
ZONE 3	57.9	58.3
ZONE 4	54.6	55.9
ZONE 5	46.4	43.5
ZONE 6	53.5	49.4
NORTHWEST	72.6	68.9
ZONE 1	77.3	74.4
ZONE 2	77.6	75.4
ZONE 3	61.4	52.6
ZONE 4	66.5	65.0
ZONE 5	58.5	54.5



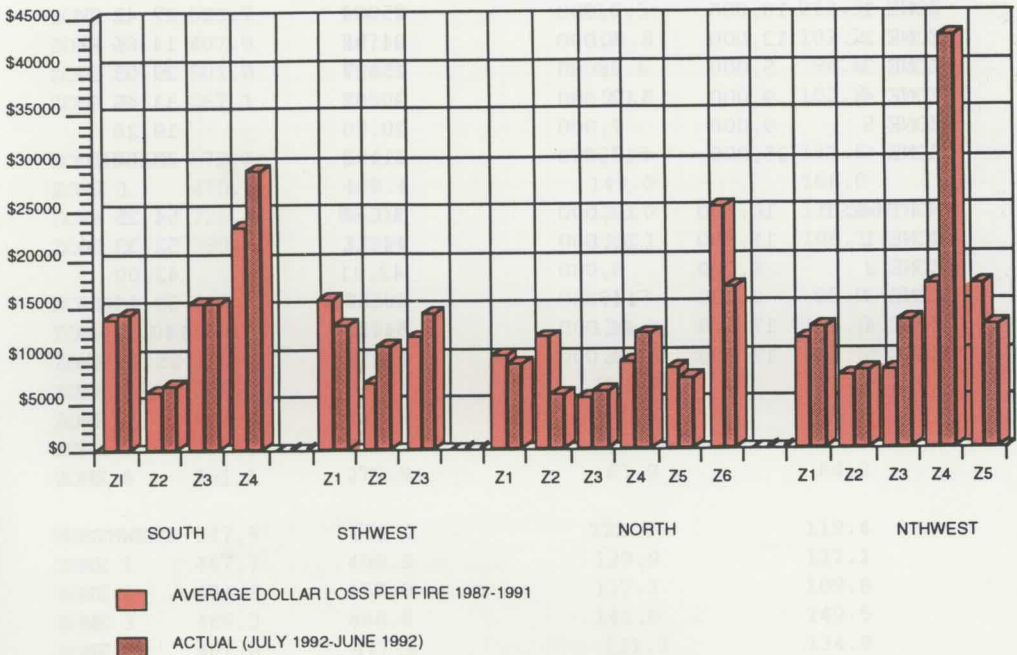
Deputy Captain J. Brown, Volunteer Firefighter R. Edwards, Volunteer Firefighter J. Karous, all of Queenbeyan Fire Brigade, for their actions in searching for and attempting the resuscitation of a fire victim at Queenbeyan in August 1991.

and Station Officer C Mullins, Firefighter J Mitchell, Firefighter C Weir, Firefighter W Hays,

Dollar loss per capita (All fires)



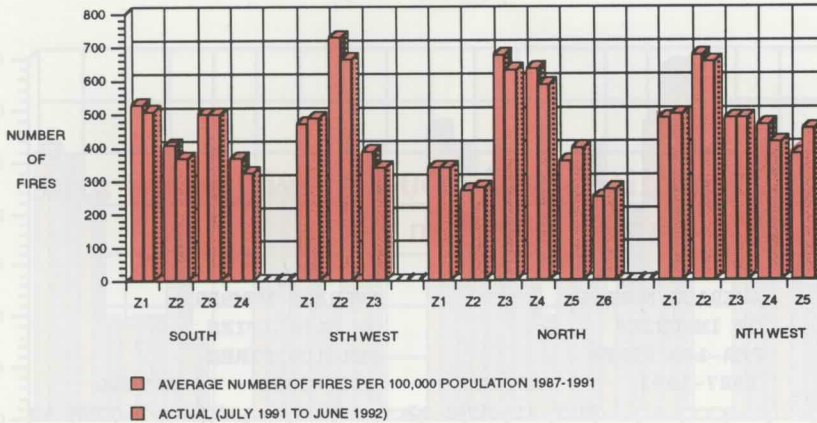
Average dollar loss per fire (All fires)



Dollar Loss Per Fire and Dollar Loss Per Capita (All Fires)

REGION/ ZONE	AVERAGE DOLLAR LOSS PER FIRE 1987-1991	ACTUAL JULY 91-JUNE 92	AVERAGE DOLLAR LOSS PER CAPITA 1987-1991	ACTUAL JULY 91-JUNE 92
STATE	10,000	11,000	36.29	42.11
SOUTH	13,000	14,000	40.24	45.59
ZONE 1	14,000	14,000	53.66	65.46
ZONE 2	6,000	7,000	18.62	21.07
ZONE 3	16,000	15,000	45.21	47.19
ZONE 4	23,000	29,000	48.63	54.99
SOUTHWEST	11,000	12,000	43.19	51.19
ZONE 1	16,000	13,000	58.83	57.81
ZONE 2	7,000	11,000	36.40	50.75
ZONE 3	12,000	14,000	28.38	38.93
NORTH	9,000	8,000	25.53	24.78
ZONE 1	10,000	9,000	25.04	27.42
ZONE 2	12,000	6,000	24.52	14.66
ZONE 3	5,000	6,000	25.27	29.03
ZONE 4	9,000	12,000	29.07	33.45
ZONE 5	9,000	7,000	20.50	19.28
ZONE 6	25,000	17,000	31.02	28.68
NORTHWEST	10,000	13,000	40.88	54.25
ZONE 1	11,000	13,000	44.11	52.33
ZONE 2	8,000	8,000	42.31	42.00
ZONE 3	8,000	14,000	30.57	59.49
ZONE 4	17,000	43,000	54.82	140.62
ZONE 5	17,000	13,000	31.19	25.29

Number of fires per 100,000 population (All Fires)



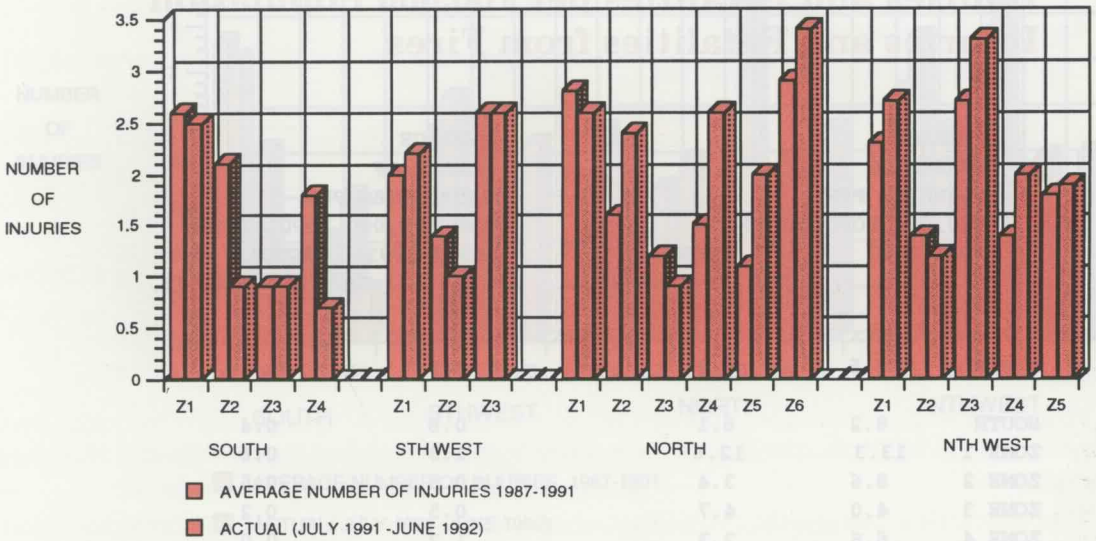
Number of Fires Per 100,000 Population and Number of Structure Fires Per 100,000 Population

REGION/ ZONE	AVERAGE NUMBER OF FIRES PER 100,000 POPULATION 1987-1991		AVERAGE NUMBER OF STRUCTURE FIRES PER 100,000 POPULATION 1987 - 1991	
		ACTUAL JULY 91 - JUNE 92		ACTUAL JULY 91 - JUNE 92
STATE	498.2	485.9	115.8	116.5
SOUTH	464.1	440.6	128.6	129.4
ZONE 1	529.7	508.7	216.5	213.9
ZONE 2	407.9	367.0	100.8	102.2
ZONE 3	501.0	498.1	88.6	94.6
ZONE 4	367.1	325.0	97.8	103.8
SOUTHWEST	572.6	544.2	125.3	131.6
ZONE 1	470.5	488.4	149.0	166.0
ZONE 2	726.8	663.0	111.0	115.4
ZONE 3	389.8	339.4	113.1	106.1
NORTH	438.2	433.0	95.7	95.9
ZONE 1	339.3	338.8	124.2	125.6
ZONE 2	270.1	279.1	88.2	92.5
ZONE 3	676.5	631.6	112.6	114.4
ZONE 4	637.8	589.6	83.5	76.3
ZONE 5	359.5	401.2	70.4	70.6
ZONE 6	251.1	275.9	63.9	64.2
NORTHWEST	547.9	551.2	122.0	119.4
ZONE 1	487.7	498.8	129.9	127.1
ZONE 2	674.8	657.0	117.1	109.8
ZONE 3	486.3	488.8	141.0	149.5
ZONE 4	467.8	417.8	121.3	134.9
ZONE 5	380.0	457.7	107.4	96.3

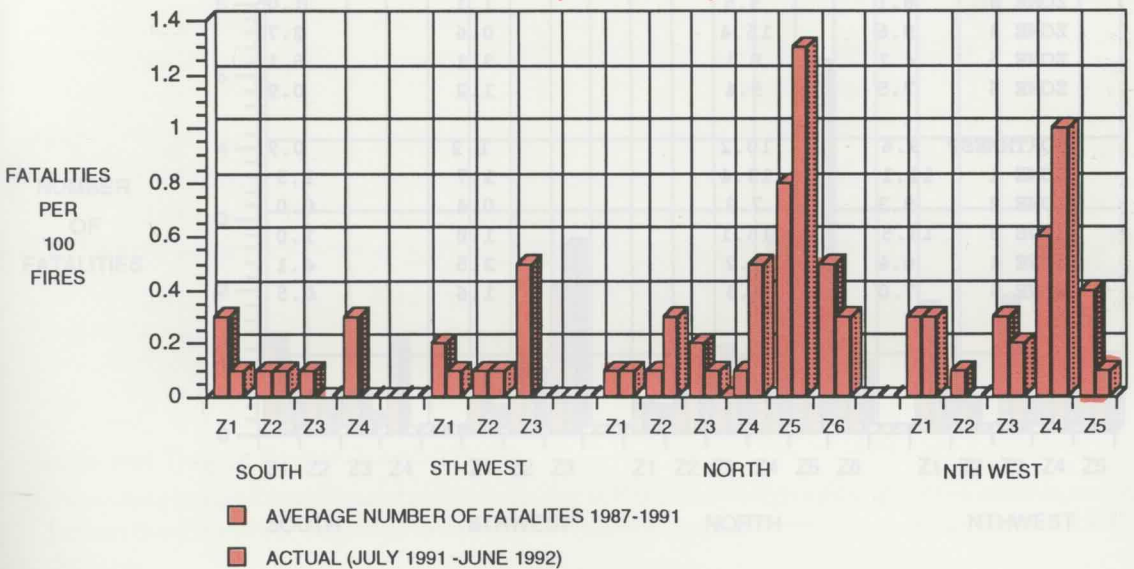
Injuries and Fatalities Per 100 Fires/Injuries and Fatalities from Fires

REGION/ ZONE	AVERAGE NUMBER OF INJURIES PER 100 FIRES 1987-1991		ACTUAL JULY 91-JUNE 92	AVERAGE NUMBER OF FATALITIES PER 100 FIRES 1987-1991		ACTUAL JULY 91-JUNE 92
STATE	1.7	1.7	0.2	0.2		
SOUTH	1.8	1.4	0.2	0.1		
ZONE 1	2.6	2.5	0.3	0.1		
ZONE 2	2.1	0.9	0.1	0.1		
ZONE 3	0.9	0.9	0.1	0.0		
ZONE 4	1.8	0.7	0.3	0.0		
SOUTHWEST	1.7	1.5	0.2	0.2		
ZONE 1	2.0	2.2	0.2	0.0		
ZONE 2	1.4	1.0	0.1	0.1		
ZONE 3	2.6	2.6	0.5	0.8		
NORTH 1	1.6	1.9	0.2	0.4		
ZONE 1	2.8	2.6	0.1	0.1		
ZONE 2	1.6	2.4	0.1	0.3		
ZONE 3	1.2	0.9	0.2	0.1		
ZONE 4	1.5	2.6	0.1	0.5		
ZONE 5	1.1	2.0	0.8	1.3		
ZONE 6	2.9	3.4	0.5	0.3		
NORTHWEST	1.8	1.9	0.2	0.2		
ZONE 1	2.3	2.7	0.3	0.3		
ZONE 2	1.4	1.2	0.1	0.0		
ZONE 3	2.7	3.3	0.3	0.2		
ZONE 4	1.4	2.0	0.6	1.0		
ZONE 5	1.8	1.9	0.4	0.1		

Number of injuries per 100 fires (All fires)



Number of fatalities per 100 fires (All fires)



Injuries and Fatalities per 100,000 Population

Injuries and Fatalities from Fires

AVERAGE
NUMBER OF
INJURIES PER
100,000 POPULATION
1987-1991

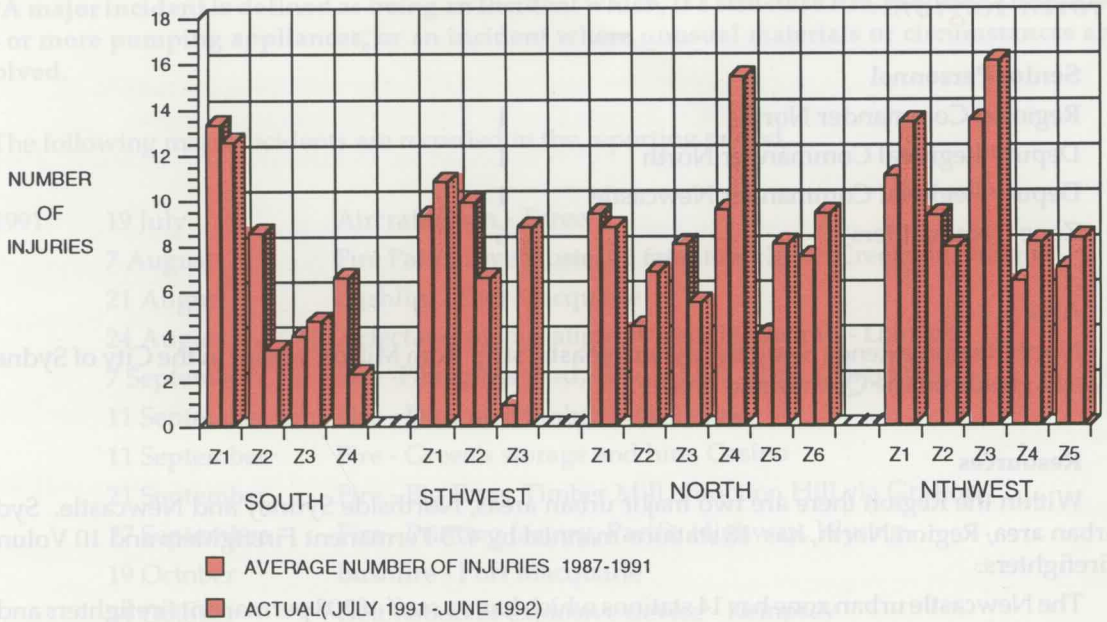
ACTUAL
JULY 91-JUNE 92

AVERAGE
NUMBER OF
FATALITIES PER
PER 100,000 POPULATION
1987-1991

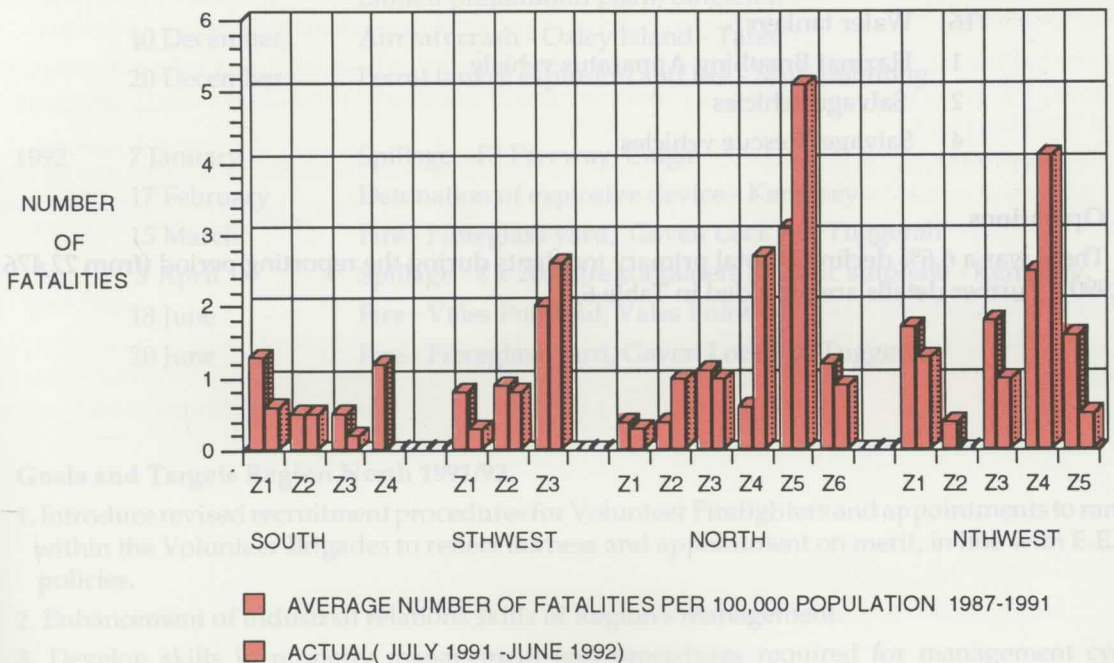
ACTUAL
JULY 91- JUNE 92.

STATE	8.5	8.2	1.0	1.0
SOUTH	8.2	6.1	0.8	0.4
ZONE 1	13.3	12.6	1.3	0.6
ZONE 2	8.6	3.4	0.5	0.5
ZONE 3	4.0	4.7	0.5	0.2
ZONE 4	6.6	2.3	1.2	0.0
SOUTHWEST	9.7	8.5	1.1	0.9
ZONE 1	9.3	10.8	0.8	0.3
ZONE 2	9.9	6.6	0.9	0.8
ZONE 3	9.9	8.8	2.0	2.6
NORTH	7.1	8.1	1.0	1.6
ZONE 1	9.4	8.8	0.4	0.3
ZONE 2	4.4	6.8	0.4	1.0
ZONE 3	8.1	5.5	1.1	1.0
ZONE 4	9.6	15.4	0.6	2.7
ZONE 5	4.1	8.1	3.1	5.1
ZONE 6	7.5	9.4	1.2	0.9
NORTHWEST	9.6	10.2	1.2	0.9
ZONE 1	11.1	13.4	1.7	1.3
ZONE 2	9.3	7.9	0.4	0.0
ZONE 3	13.5	16.1	1.8	1.0
ZONE 4	6.4	8.2	2.5	4.1
ZONE 5	7.0	8.3	1.6	0.5

Number of injuries per 100,000 population (Injuries from fires)



Number of fatalities per 100,000 population (Fatalities from fires)



REGIONAL OPERATIONS

North Region:

Senior Personnel

Regional Commander North	1
Deputy Regional Commander North	1
Deputy Regional Commander Newcastle	1
Zone Commanders	6

Area

North Region extends along the eastern coastal strip from Milson's Point in the City of Sydney to Tweed Heads on the Queensland border.

Resources

Within the Region there are two major urban areas, Northside Sydney and Newcastle. Sydney urban area, Region North, has 18 stations manned by 475 Permanent Firefighters and 10 Volunteer Firefighters.

The Newcastle urban zone has 14 stations which have a staff of 208 permanent firefighters and 151 volunteer firefighters.

There are 80 country stations.

Total manning for the Region is 743 permanent and 1206 volunteer firefighters.

Firefighting equipment resources include:

- 110 Pumpers
- 6 Aerial appliances
- 16 Water tankers
- 1 Hazmat Breathing Apparatus vehicle
- 2 Salvage vehicles
- 4 Salvage/Rescue vehicles

Operations

There was a 6.6% decline in total primary incidents during the reporting period (from 22,476 to 20,990). Further details are provided in Table 6.

Major* Fire & Chemical Incidents

*A major incident is defined as being an incident which, if a structure fire, requires a response of 6 or more pumping appliances, or an incident where unusual materials or circumstances are involved.

The following major incidents are recorded in the reporting period.

1991	19 July	Aircraft crash - Taree
	7 August	Fire Palmgrove Hostel 12 fatalities - Main Creek via Dungog
	21 August	Bushfire - Port Macquarie
	24 August	2 Hectares of logs alight Brigsdale sawmill - Dorrigo
	7 September	Fire - Fibreglass yard, Gaven Lock Road - Tuggerah.
	11 September	Fire - Duncan's timber mill, Casino
	11 September	Fire - Green's storage and hire, Casino
	21 September	Fire - Big River Timber Mill, Junction Hill via Grafton
	27 September	Fire - Printing factory, Pacific Highway, Wyong
	19 October	Bushfire - Port Macquarie
	31 October	Detonation of explosive device - Kempsey
	7 November	Spillage - Sparks Rd & F3 Freeway - Warnervale
	14 November	Detonation of explosive device - Kempsey
	17 November	Fire - Shoe factory, Allison Rd, Wyong
	17 November	Fire - Fibreglass yard, Gaven Lock Rd, Tuggerah
	23 November	Fire - 4000 used car tyres, Coffs Harbour
	1 December	Chemical spill - polychlorinated biphenyl, Liddell preparation plant, Singleton
	10 December	Aircraft crash - Oxley Island - Taree
	20 December	Petrol tanker explosion and fire - Mullumbimby
1992	7 January	Spillage - F3 Freeway, Calga
	17 February	Detonation of explosive device - Kempsey
	15 March	Fire - Fibreglass yard, Gaven Lock Rd, Tuggerah
	3 April	Spillage - 4 x 200 litre containers of Ceric sulphate - Kempsey.
	18 June	Fire - Vales Point Rd, Vales Point
	20 June	Fire - Fibreglass yard, Gaven Lock Rd, Tuggerah.

Goals and Targets Region North 1991/92

1. Introduce revised recruitment procedures for Volunteer Firefighters and appointments to ranks within the Volunteer Brigades to reflect fairness and appointment on merit, in line with E.E.O. policies.
2. Enhancement of industrial relations skills of Region's management.
3. Develop skills in property management and procedures required for management cycle submissions.

Measurement of Goals

The measurement of attainment of the above goals is as follows:

1. Procedures are now in place to advertise, interview and select suitable applicants to fill vacancies for Volunteer Firefighter, Engine Keeper, Deputy Captain and Captain.
2. Four of the most senior officers in the Region attended an industrial relations course. Further courses will be attended by other senior officers.
3. Ongoing exchange of information between Region managers and Brigades' specialist property managers resulted in input at required level to Capital Works and Maintenance schedules.

Goals and Targets for 1992/93

1. Increase the devolution of management responsibility as appropriate to the levels of Station Officer and Captain.
2. Encourage station staff to develop self monitoring principles based on performance indicators. Stations will be encouraged to develop their own Mission Statements.
3. Increase awareness at all levels of Corporate Objectives, the relevant key result areas and input into strategies.

Zone Demonstration

A successful Zone Demonstration was held at Laurieton during September 1991, with participation by 11 Stations from Zone North Five, and 13 other stations.

Major Problems and Issues

Region North senior management are demonstrating to brigade members how performance indicators can measure the attainment of objectives and standards of performance and so lead to adjustments to efforts, procedures and resource settings to achieve desirable outcomes.

Regionalisation and the changes it has brought has progressed smoothly and probably beyond expectations. Increasing and continuing dissemination of information and ideas to and from management is taking place.

A permanent benefit of regionalisation which became evident was the ability to achieve a more even distribution of resources. As a result of regionalised command it has proved possible to give more appropriate attention and resources to country areas in particular.

Services Changed as a Result of Customer Complaint

North Region has not received any consumer complaints to date.

Region North West

Senior Personnel

Regional Commander	1
Deputy Regional Commander	1
Zone Commanders	5

Area

Region North West extends from the Metropolitan Area which includes the Council areas of Parramatta, Fairfield, Castle Hill, Blacktown, Hawkesbury and Penrith.

The rural portion embraces areas from the Nepean River to Bourke, Moree, West Wyalong, Cobar and Tenterfield.

Resources

In the Region there are 21 greater Sydney area Stations manned by 395 Permanent and 70 Volunteer Firefighters, and 67 Country Stations manned by 21 Permanent and 902 Volunteer Firefighters.

Firefighting equipment resources include:

Pumpers	67
Composite Pumpers	7
Pumper Rescue	1
Salvage Rescue	1
Hydraulic Platform	1
Rescue Monitors	3
Service Exchange Vehicles (Country 14)	

Operations

Fire Stations within the Region responded to a total of 18,442 primary incidents during the period under review. This represents a decrease of 5.4% compared to the 1990/91 total of 19,496. Further details are provided in Table 6.

Major* Fire & Chemical Incidents

*A major incident is defined as being an incident which, if a structure fire, requires a response of 6 or more pumping appliances, or an incident where unusual materials or circumstances are involved.

The following major incidents are recorded in the reporting period.

1991	05 July	LPG Tanker overturned, Wellington
	12 July	Fire, Delroy High School, Dubbo
	30 July	Fire, Commercial Hotel, Peak Hill
	01 September	Fire, Arnotts warehouse, Dubbo
	24 September	Fire, Shopping mall, Cabramatta
	01 October	Fire, Bull and Bush Hotel, Baulkham Hills
	25 November	Fire, Meatworks, Tenterfield
	24 December	Fire, Star Dust Hotel, Cabramatta

1992	08 January	Fire, Macquarie Homestead, Wellington
	16 January	LPG leak, Mudgee
	19 January	Fire, Central School, Warren
	21 January	Fire, Timber yard, Toongabbie
	20 February	Spillage, Granville
	29 March	Fire, Supermarket, Telopea
	10 June	Fire, sub-station, Smithfield

Goals and Targets for 1991/92 - Region North West

1. Ensure that budget provisions were not exceeded.

This goal was achieved.

2. Assess the allocation of full-time Brigade officers to country towns relative to fire risk.

Towns assessed during the period were: Lithgow, Glen Innes, Dubbo and Tamworth. The assessment will provide a basis for future planning and staffing action.

3. Reduce overtime costs.

A 33.5% reduction in overtime costs was achieved.

4. Conduct staffing trials at Penrith.

Staffing configuration trials were still in progress in June 1992 to determine the best mix of permanent and volunteer firefighters crewing appliances in order to get the fastest effective response.

5. Increase the level of firefighting co-operation between the NSW Fire Brigades and Bush Fire Brigades inside the Fire Districts of Zone North West 3.

Still being trialled.

6. Identify sites presenting special fire hazards and develop and document a pre-fire plan.

A pilot plan has been developed on selected premises for a standard plan criterion.

Goals/Targets for 1992/93

* Ensure cost-effective operation within budget.

* Work with the Operational Support Division towards the introduction, for areas of special risk, of

pumping appliances capable of producing alcohol-type foam compound to knock down fires involving alcohol-based flammable liquids (polar solvents).

- * Continue to develop co-operative firefighting procedures with Bush Fire Brigades.
- * Further reduce overtime costs.
- * Continue hazard identification with documentation of appropriate pre-fire plans.
- * Ensure the observance of E.E.O. principles in the recruitment of Volunteer Firefighters.

Zone Demonstrations

Bathurst Brigade held a two day Zone (North West 3) Demonstration in March 1992. A Hazmat Training/Display was trialled during the weekend and proved highly successful with Volunteer Firefighters. Members of the Bush Fire Brigades, State Emergency Services and Police also viewed the display which demonstrated the Brigades' role with hazardous materials.

Major Problems and Issues

- * Management by performance was introduced as an educational vehicle at this stage. Training on performance indicators and assessment will be ongoing.
- * A marked increase in the degree of liaison has occurred, in particular with the Police and local government Fire Control Officers co-ordinating the Bush Fire Brigades. Regionalisation has proved highly successful in developing co-operation among emergency services.
- * Zone and Regional Conferences were held including a conference for North West 1 and North West 2 in the Greater Sydney Area in April 1992. The conference attracted off-duty Station Officers who provided valuable input. Other conferences were: North West 3 Zone, Lithgow, March 1992, North West 4 Zone, Dubbo, April 1992, North West 5 Zone, Tamworth, February 1992, and the Regional Conference Mudgee, May 1992 with the Chief Officer in attendance.

Regionalisation has been implemented within the Region with minimal problems and experience has already confirmed its positive aspects.

Goals and Targets 1991/92 - Region South

The Regional Commander has the responsibility for all fire prevention and fire suppression activities within the Region.

1. Establish a personnel development structure and lines of responsibility are followed;
2. Establish roles and responsibilities for Regional Managers and subordinate Officers;
3. Identify, develop, and implement a personnel development Program within the Region;
4. Establish a liaison network with other regions and specialist teams including Fire Services;
5. Review and develop fire prevention plans for local government and commercial and industrial disaster response plans in conjunction with specialist officers;
6. Review rescue requirements in order to assign responsibility for rescue within the Region.

Performance Indicators

The measurement of attainment of the above goals is indicated below:

1. A command structure was established with all Officers aware of the structure, command

Region South

Senior Personnel

Regional Commander	1
Deputy Regional Commander	1
Deputy Regional Commander Wollongong	1
Zone Commanders	4

Area

Region South extends from the southern Sydney Harbour foreshore south to the Victorian border and west to the South Australian Border.

Human Resources

In the South Region there are 24 urban stations in Sydney manned by 674 permanent staff as well as 6 urban stations in the Wollongong area manned by 123 permanent staff.

There are also 4 Volunteer stations in the Sydney Metropolitan area, of which 2 stations are permanent stations with Volunteers attached, manned by a total of 28 Volunteers. There are 53 Volunteer Stations in the country area staffed by 618 Volunteers.

Brigade strengths and Stations by type within Zone - Region South

ZONE	PERMANENT STAFF	VOLUNTEER STAFF	PERMANENT STATIONS	MIXED STATIONS	VOLUNTEER STATIONS
South					
1	477	-	13	-	-
2	222	28	7	2	2
3 Urban	121	89	-	4	5
3 Country	2	259	-	1	20
4	37	270	-	3	20
TOTALS	829	646	20	10	47

Total Number of Stations 77

Resources - Firefighting Vehicles

ZONE	PUMPERS	AERIALS	OTHER VEHICLES
South			
1	16	6	6
2	9	2*	2
3 Urban	15	-	4
3 Country	22	-	16
4	27	2*	5
Totals	89	10	33

* rescue monitors

Operations

During the reporting period there was a total of 19,911 incidents compared with 21,952 in 1990/91, a decline of 9.2%. Further details are given in Table 6.

Major* Fire & Chemical Incidents

*A major incident is defined as being an incident which, if a structure fire, requires a response of 6 or more pumping appliances, or an incident where unusual materials or circumstances are involved.

1991	20 August	Bush fire, Menai
	25 August	Explosion and fire, Port Kembla
	15 September	Timber yard fire, Kogarah
	18 September	Bush fire, Little Bay
	14 November	Hotel fire, Surry Hills
	23 November	Retail premises, Sydney
	13 December	Chemical spill, St Peters
	13 December	Chemical fumes - office, St Peters
1992	12 January	Supermarket fire, Redfern
	15 January	Factory fire, Mascot
	31 March	Hay shed fire, Henty
	04 April	Bush fire, Albury
	16 April	Motor vehicle accident, Junee - 3 fatalities
	22 April	Motor vehicle accident/fire/spill, Holbrook
	30 April	Chemical spillage, Port Botany
	10 May	Building fire, Chippendale
	15 May	Factory fire, Mascot

Goals and Targets 1991/92 - Region South

The Regional Commander has the responsibility for all fire prevention and fire suppression activities within the Region.

1. Ensure appropriate command structure and lines of responsibility are followed;
2. Establish roles and responsibilities for Regional Managers and subordinate Officers;
3. Identify, develop and implement a personnel development Program within the Region;
4. Establish a liaison network with other regions and specialist teams under Executive Officer Fire Services;
5. Review and develop management plans for hazardous environments and emergency/disaster response plans in conjunction with specialist officers.
6. Review rescue requirements in order to assume full responsibility for rescue within the Region.

Performance Indicators

The measurement of attainment of the above goals is indicated below:

1. A command structure was established with all Officers aware of the structure, command

responsibility and reporting mechanisms.

2. Roles and responsibilities of Deputy Regional Commanders and Zone Commanders have been established in accordance with the position description and duty statements. An initial team building exercise was convened for Deputy Regional Commander and Zone Commanders. All Stations in the Region were visited during 1991/92 by the Zone Commanders, and regular Station visits are made by the Regional Commander and Deputy Regional Commanders.
3. An identification of personal development needs was established and on-going development of appropriate programs is in train.
4. While the Regional Commanders met on a regular basis as a member of the Corporate Executive Group and Senior Officers Committee, the Deputy Regional Commanders met on an irregular basis. An exchange of ideas and methods among Regional Offices was encouraged. On-going discussions continued covering the Executive Officer's area of responsibility as that officer has responsibilities that extend to all Regions.
5. A number of Local and District plans were being developed and details of hazardous materials were identified. This information was collated and forwarded for inclusion in the planning document, Standards of Fire Cover.
6. Following the assumption by the NSWFB of specific responsibility for rescue in the Greater Sydney Area, primary rescue units were placed in strategic locations within the region's area of responsibility. Appliances in country areas were being modified to carry rescue equipment: members were trained and equipment installed.

Goals or Targets for 1992/93 - Region South

1. Continue to review and develop management plans for hazardous environments which include emergency/response plans.
2. Reduce sick leave costs within the Region.
3. Reduce overtime within the Region.
4. Increase competence in fire source identification and so reduce the proportion of incidents reported as of unknown cause;
5. Develop systems for containment of fire to area of origin;
6. Work towards a reduction in the incidence of incendiary and suspicious fires;
7. Review overall fire occurrence patterns within the Region for realistic location/area specific response. In conjunction with Operations Research Division, put in place targets for suppression times.
8. Reduce the number of false calls from automatic fire alarm systems.
9. Develop co-operative fire suppression plans with bush fire authorities within country Fire Districts for identified property and bushfire risks.
10. Reduce response times in emergency situations.
11. Improve the Brigade community profile.

Zone Demonstrations

A Zone Demonstration was held at Bowral in November 1991, organised around brigades from the previous Zone 8, and in March 1992 a Zone Demonstration was held in Deniliquin attended by brigades from the previous Zones 6 and 7.

Major Problems and Issues

The Region's activities, as a whole, were directed towards closer community links. Individual Stations were encouraged to be more outgoing towards community activities, with awareness and support the main themes.

An initiative which was felt to be very effective was open days at Fire Stations during Fire Safety Awareness Week. Its success was obvious despite the modest level of resources allocated.

With the introduction of the new regional structure the major impact within the Greater Sydney Area occurred within Region South, with the abolition of two District Stations and the removal of the position of shift Metropolitan Inspector traditionally based at Headquarters. With full cooperation between the Region's management and Station Officers and firefighters, the transition was effected with minimal problems.

It is the experience in Region South that the process of regionalisation and restructuring is proceeding to expectations and real benefits are being realised in all areas.

Services changed as a result of consumer complaints

There have not been any changes at this stage. However, desirable changes emerge with ongoing experience of regionalisation and the Department's policies furthering close community links.

Region South West

Senior Personnel

Regional Commander	1
Deputy Regional Commander	1
Zone Commanders	3

Area

Region South West extends from Balmain in the City of Sydney to Broken Hill in the west.

Resources

Region South West covers 19 urban fire stations manned by 458 permanent firefighters and 4 urban fire stations manned by 80 volunteer firefighters.

Of the 24 country fire stations, one station at Broken Hill is staffed by 13 permanent firefighters, and the remainder by 321 volunteer firefighters.

Firefighting vehicle resources:

50	Pumpers
1	Hydraulic Platform
1	Rescue Monitor
2	Salvage Rescue
6	Water Tankers
3	Composite
8	Other
71	TOTAL

Operations

During the period there was a total of 15,153 incidents, compared to the total for the preceding period of 17,202, which represents a decline of 11.9%. Further details are given in Table 6.

Major* Fire & Chemical Incidents

*A major incident is defined as being an incident which, if a structure fire, requires a response of 6 or more pumping appliances or an incident where unusual materials or circumstances are involved.

The following major incidents are recorded in the reporting period.

1991	31 August	Fire, Rozelle.
	2 September	Hospital fire, Liverpool
	29 September	Plane crash, Warwick Farm
	18 October	School fire, Casula
	20 October	Clothing store fire, Marrickville
	15 November	Spillage, 18,000 litres of oil-based ink, Regents Park
	17 November	Restaurant fire, Liverpool
	22 November	Fire rescue, Lakemba
	23 November	Factory fire, Lurnea

1992	1 March	Retail building fire, Auburn
	3 March	Vat fire, Revesby
	10 March	Factory fire, Bankstown
	20 March	Explosion in drains, Glebe
	11 April	Take-away shop fire, Yagoona
	12 April	Panelbeater's shop fire, Drummoyne
	1 May	Boarding house fire, Marrickville
	7 May	Pallet factory fire, Lakemba
	14 May	Unit block, explosion, Rozelle
	14 May	Nursing home fire, Greenacre
	3 June	3 Fatalities, fire, Belmore
	8 June	House fire, Marrickville
	11 June	School fire, Macquarie Fields
	16 June	School fire, Strathfield

Goals or Targets 1991/92 - Region South West

- Assume full responsibility for all financial matters within the Region and ensure expenditure is maintained within budget allocations for the Region.
- Put in place systems to contain the spread of fires such that empirical targets can be set for the next review period.
- Develop regional liaison systems with stakeholders and stakeholder organisations within the Region to secure regular input and feedback from the community.

Measurement of Goals is represented by the following:

- The expenditure was controlled in line with the goal.
- A Program is under way familiarising staff with the measurement of performance by statistics and the setting of targets.
- Zone Commanders met with community representatives as well as members of other emergency services on a regular basis.

Goals/Targets for 1992/93 - Region South West

- Categorise ten major hazards in Region South West and the preparation of disaster plans for each.
- Upgrade facilities at Busby and Liverpool Fire Stations.
- Take actions directed at reducing by 5% the incidence of fire in Region South West as compared with the average recorded in the previous 4 years.

Zone Demonstrations

In the South West Region a demonstration was held at Cootamundra, consisting of 25 teams, each of six members, from within and outside the Region.

Teams competed in events involving ladder, hose line handling, pump operations and other activities related to firefighting.

Major Problems and Issues

Following the appointment of the Senior Training Officer for Region South West to the Regional Office, the development of a needs-based training Program for the Region commenced.

The operational District Officers for Region South West were moved to the Regional Office as

their base, with consequent improvement in communication.

The major impetus during the year has been the introduction of regionalisation. Over the next 12 months emphasis will be placed within Region South West on consolidation and further expansion of the concept of regionalisation.

Services changed as a result of Consumer Complaints

To date no changes have been made as the result of complaints.

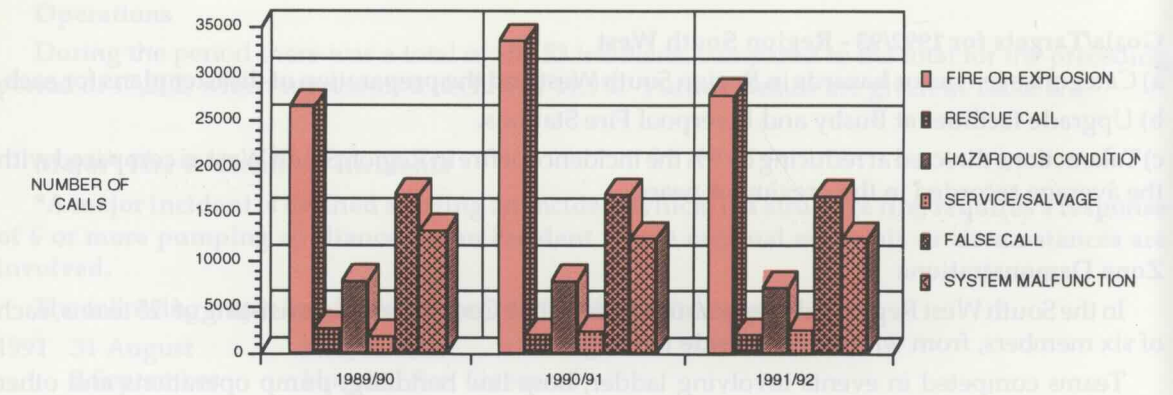
Consumer Response

The experience of the NSW Fire Brigades in consumer response has been a fortunate one over many years, with expressions of appreciation for efforts in firefighting, rescue situations, and in sessions of public education.

Complaints have been received rarely. Those made are promptly investigated at the highest level. They receive rapid response, and where they lead to the identification of an actual or potential area for improvement, appropriate changes are put in train. For example, complaints made about the noise which fire engine sirens make have been addressed: it is intended that, when the NSW Fire Brigades By-laws which demand the operation of sirens when answering fire calls are repealed later in 1992, the replacing Regulation will introduce a discretion so that under appropriate circumstances it will no longer be mandatory to use the sirens.

As indicated by each Regional Commander in their reports, no Regions received any consumer complaints. However, the Brigade is very conscious of the need to put in place an administrative mechanism whereby consumer complaints are encouraged and formally processed. To that end, the Brigade has produced a Guarantee of Service and intends to set up Customer Councils at head office and regional levels. Other steps are planned to ensure that the NSW Fire Brigades are customer-focused, more accessible and responsive to community needs.

Comparison of primary calls



Type of Incident by Fiscal Year

TYPE OF INCIDENT	1989/90	1990/91	1991/92
FIRE, EXPLOSION			
Structure fire	6479	6724	6671
Outside of a structure fire	908	1141	1181
Vehicle fire	3655	4720	3840
Trees,bush,grass fire	10345	14973	10926
Rubbish fire	4916	5791	5058
Explosion with no after fire	53	30	53
Outside spill,leak with ensuing fire	104	125	87
Fire, explosion not classified above	54	35	8
FIRE, explosion insufficient information to classify	23	12	8
	26537	33551	27832
OVERPRESSURE RUPTURE (NO COMBUSTION)	126	132	136
RESCUE CALL	2728	2060	2051
HAZARDOUS CONDITION OR STANDBY	7912	7835	7115
SERVICE/SALVAGE CALL	1966	2483	2625
GOOD INTENT CALL	5078	5654	5256
FALSE CALL	17230	17172	16971
SYSTEM MALFUNCTION	13373	12498	12489
TYPE OF INCIDENT NOT CLASSIFIED ABOVE	116	97	48
TYPE OF INCIDENT UNDETERMINED	153	33	11
TOTALS	75219	81515	74534

Note: Readers are to note the figures in this Annual Report for years 1989/90 and 1990/91 may vary from figures in other publications because of late submissions of Incident Report forms to data entry points. Statistics in this publication for 1991/92 are as at August 1992.

Research and Development

Program 3 (Investigation, Research and Advisory Services) was afforded expenditure of \$3.8 million. A proportion of that program was the function of the Operations Research Division. The Operations Research Division with an establishment of seven, continued its detailed assessment of those aspects of the Brigade's strategies that relate to the current and future provision of fire services, and produced several reports during 1991/92 including:

- * Annual Statistical Report for 1991 (for sale at \$20 per copy).

- * Report on Brigades Strategic Information Base (1987-1991) to reflect trend on inputs (resource consumption), outputs (crude measure of productivity) and outcomes (various socio-economic indicators) (see Table 15).

- * Revised draft of the New South Wales Fire Brigades Corporate Plan (1992-1995).

- * Report on Brigades Strategic Management Cycle.

- * Report on Implementation Strategy - Stage 1: Aerial Appliances Sydney - Newcastle - Wollongong.

- * Draft Guidelines for completion of Australian Fire Incident Reporting System to accommodate proposed changes to Australian Standard 2577.

- * Quarterly reports on performance indicators for Brigades fire cover operations.

- * Report on Brigades future involvement in hazardous materials incidents.

- * Reports concerned with the extension and alteration of Fire District boundaries, the establishment of new brigades throughout the State, and necessary and proposed changes to fire cover for particular areas.

Performance Reviews

Results of performance management system: the Department's Executive Performance Planning and Review System has been in place for a period of two years and has recently received accreditation . This system has served to clarify and co-ordinate the various changes in responsibilities which have occurred as a result of the regionalisation of the Brigades and various other structural changes, such as contracting out the vehicle maintenance functions at Chullora, which have occurred in the past 12-18 months. Consultants Price Waterhouse Urwick continued to review the structure of administrative support needed for regionalised operations, and provided change directives to guide implementation.

Program Evaluation

The New South Wales Fire Brigades have undertaken the following Program evaluations in the 1991/92 period:

- * Standards of Fire Cover for the Greater Sydney Area. This project seeks to establish objective statistical means for determining how equitable fire services can be provided to residents of the Greater Sydney Area. Negotiations in relation to the impact on location of stations are continuing with the NSW Fire Brigades Employees' Union.

- * NSW Fire Brigades involvement in hazardous materials incidents. This evaluation examined the extent and nature of the Brigades involvement in the clean up of hazardous materials spillages etc. and has resulted in improved procedures and resourcing and has led to a number of recommendations in relation to the legislative powers the Brigades will require to properly carry out their role.

- * Implementation strategy for aerial appliances: Sydney - Newcastle - Wollongong. This program has been developed in order to ensure that the appropriate number and location of aerial appliances is provided in areas with concentrations of high rise premises.

- * Major replacement program on operational pumpers. This program has been developed to ensure that the Brigades fleet of fire appliances is kept up to date and meets the emerging needs

of the department in a flexible manner. Over the next 2 years a program of replacement of pumpers will see 30 pumpers come into service.

- * **Implementation of regional computer network within the Greater Sydney Area.** In order to facilitate the regionalisation of the Brigades operational and support functions and to improve communications generally, a computer network has been established to meet a recognised need for information to be available to all areas of the Brigades in a common manner supported by a centralised MIS section and local staff with relevant expertise.

The Brigades are also undertaking the following Program Evaluations which will be completed shortly:

- * **Reduction of response time.** In accordance with research that clearly establishes the importance of timely dispatch and arrival of fire brigades at fires the Brigades is developing a program to reduce the response time to incidents and thus reduce the impact of fire on lives and property.

- * **Reduction of false alarms.** As a result of the recognition of the cost to the Brigades of attendance at false alarms (1991/92 23% of total call outs) a review of the program for reducing the number of false alarms is being undertaken with a view to reducing the burden on the Brigades resources.

Fundamental Review of Programs: the NSW Fire Brigades is currently engaged in formulating a mechanism for reviewing programs to emphasise a focus on service delivery in terms of outcomes for the Department's customers. This Review of Programs is aimed at achieving compatibility between management/planning processes and budgeting processes and transforming the focus of performance objectives from resource utilisation (inputs) to the supply of service (outputs and outcomes).

As part of this process the brigades is attempting to focus on the "purpose" of Programs by identifying stakeholders and outcomes from their perspective. This process is also aimed at assessing whether programs are achieving their purpose in an appropriate manner in accordance with any competing priorities.

PART 3 - MANAGEMENT AND ACTIVITIES

Vice-Regal Visit

The Brigades were honoured by an official visit by His Excellency Rear Admiral Peter Sinclair AC, AO, Governor of the State of New South Wales, on 20 January 1992.

In the company of Mrs Sinclair and the Vice-Regal Party, His Excellency visited Headquarters Fire Station, Alexandria Fire Station, Training College and the State Communication Centre, and the Breathing Apparatus Training Section.

Operational Communications

Staffing

During the reporting period, the management level was improved through the position of Officer-in-Charge of the Communication Centres being upgraded to Zone Commander Response Co-ordinator, and with four positions of Station Officer being upgraded to District Officer. There was no increase in establishment.

A committee of senior officers was established, in May 1992, to investigate all aspects of staffing and functions of Communication Centres throughout the State. Their report is due in the next reporting period.

Staff Summary as at June 1992

CENTRE	Zone Commander	Station Officer	Firefighters
State	1	8 (8)	40 (12)
Newcastle	-	4 (8)	8 (12)
Wollongong	-	4 (8)	4 (8)
Lismore	-	-	4 (2)
TOTAL	1	16 (24)	56 (30)

Figures in parenthesis indicate relief personnel who undertake Communication duties in conjunction with other relieving/firefighting duties.

The centres of Turvey Park, Katoomba, Gosford and Campbelltown utilise firefighters (14,12, 24 and 24 respectively) who undertake Communication duties in conjunction with normal firefighting duties.

Training

The Response Co-ordinator conducted training courses for new personnel in all centres throughout the year.

Training in keyboard skills of all personnel attached to the State Communication Centre was introduced in May 1992 with a view to having staff attain a typing speed of 40 words per minute, thereby improving response times.

Personnel were also trained in the operation of new audio logging recorders (Newcastle, Wollongong, Katoomba & Turvey Park), and instant replay recorders (State, Newcastle & Wollongong).

Equipment

The Department is involved in an on-going program of upgrading communications equipment.

Software for the personal computers for the State Communication Centre was upgraded to ensure a reduction in call handling times to improve response times and overall productivity.

Representatives of staff in communication centres were involved in evaluation and the design of new equipment.

Equipment Upgrade Summary

Equipment	Centre	Comments
'ELECTRODATA' Instant Replay Recorders	State	Digital Electronic recorders, used by operators to instantly recall emergency calls to guard against confusion, thereby ensuring response of appliances to correct addresses.Replaced obsolescent equipment.
	Newcastle	
	Wollongong	
	Katoomba	
'RACAL' Audio Logging Recorders	Newcastle	Tape recorders used to record telephone calls and radio messages for historical pur- poses. Replaced obsolescent equipment.
	Wollongong	
	Katoomba	
Personal Computers	State	Purchased to replace ineffi- cient VDU's.
	Lismore	Purchased to improve database recording used to ensure response of the correct level of resources.
	Turvey Park	
	Gosford	

Inspections	467	412
Interviews	288	236
Flexilin Case Buildings		
Plan Reports	510	429
Crewed Reports	1312	950
Inspections	647	500
Interviews	629	506
Maritime Services Board		
Inspections of marine	175	114

Rescue/Bushfire Section

As a result of increases in rescue responsibilities, the role of the Bushfire Liaison Officer was incorporated into a newly created position of Rescue/Bushfire Liaison Officer (RBLO) in July 1991.

The combined Sections became the Rescue/Bushfire Section based at the Chullora facility. A report on the year's activity in the area of rescue is included in the Summary of Operations.

Bush Fire Hazard Reduction Program

The Section Hazard Reduction Officers completed 48 site inspections and 24 burns which involved 52 hectares. Local on-duty Brigades were involved, where appropriate, in this program.

The program was impeded by adverse weather conditions, and by some high pollution "no burn days" declared by the Environment Protection Authority.

Bush Fire Training Program

Bushfire Training Officers provided training to personnel stationed in bushfire prone areas to ensure the necessary skills are maintained in the areas of bush fire behaviour, weather forecasting and fire danger periods, and the operation of bush fire equipment.

During this period 55 personnel were trained in water tanker operations and 250 in chain-saw operations/servicing.

1991/92 Bush Fire Season

Due to the high bushfire danger then prevailing the statutory Bush Fire Danger Period was brought forward to commence on 1 September 1991.

The Bushfire Section operated forward control point management on 14 occasions.

During the bushfire season there were 4 total fire bans declared in the Sydney metropolitan area. Many serious bushfires occurred, the worst day being 16 October 1991 when four 41F appointments (Emergency Declared) were implemented under the Bush Fires Act in Baulkham Hills, Gosford, Wyong and Lake Macquarie.

One water tanker was withdrawn from the Sydney Fire District. This allowed a redistribution of vehicle resources and subsequently the installation of a water tanker at Gilgandra.

Multi- Skilling Program

The personnel posted to the Rescue/Bushfire Section have been able to undertake a range of duties which were not possible before the restructure. Experience in rope rescue techniques, bush fire control, hazard reduction and hazard analysis, rescue operations and research and development projects are amongst the new skills acquired by the Section's training staff.

The Section can now effectively direct all of its personnel resources to any priority when necessary, whether bush fire emergency, hazard reduction, rescue operations or training requirements.

out the year

Training in keyboard skills of all personnel attached to the State Communications Centre was introduced in May 1992 with a view to having staff attain a typing speed of 40 words per minute, thereby improving response times.

Personnel were also trained in the operation of new audio logging recording (Newbridge, Wollongong, Katoomba & Surry Park), and instant replay recorders (State Newbridge & Wollongong).

Equipment

The Department is involved in an on-going program of upgrading communications equipment. Software for the personal computers for the State Communications Centre was upgraded to ensure a reduction in call handling times to improve response times and overall productivity.

Representatives of staff in communication centres were involved in evaluation and the design of new equipment.

Fire Safety Division

On 1 January 1992, the Building Code of Australia came into force within NSW. This document will run concurrently with, and on 1 January 1993 replace, Ordinance 70 of the Local Government Act.

The Building Code of Australia will provide the future direction for building regulations within NSW and, with variations, unite the States and Territories of Australia with one Building Code.

The Fire Safety Division, with a staff of 22 inspectional officers and 2 administrative staff, provided technical advice on structural fire safety to State and local government, the building industry and the public.

Major projects in which the Division examined plans and/or inspected buildings during the period have included numerous chemical processing plants, redevelopment of major shopping centres and the construction of the high rise St George Hospital.

Due to promotion and transfers from within the Division, over half of the personnel were replaced in 1991/92 with consequent pressure for training and development of incoming staff.

The Fire Safety Division work output compares favourably with the 1990/91 figures considering the staff turnover.

The recession has caused a slight downturn in the building industry, but this has been offset by an increase in the number of refurbishments. These in most cases require more involvement in the provision of fire safety advice from the Brigade than is required for new buildings.

Two new tasks have been taken over by the Division - Part 59 (Ordinance 70) inspections (inspections of essential fire safety services in buildings built or altered after July 1988), and approval for the connection of fire alarms.

Inspections of Back-packer establishments have continued under the provisions of Division 4BB of Section 317 of the Local Government Act. All notified premises have been inspected by the Brigade, in consultation with Councils, and a number of Rectification Orders have been issued. All Orders have been complied with within the time specified.

Fire Safety Division Activity

Local Government Ordinance	1990/91	1991/92
Plan Reports	2625	2238
Inspections	989	661
Interviews	810	780
Buildings over 25 Metres in Height		
Plan Reports	524	327
Inspections	467	412
Interviews	288	236
Health Care Buildings		
Plan Reports	510	429
General Reports	1312	950
Inspections	647	500
Interviews	629	508
Maritime Services Board		
Inspections of marinas	176	118

Fire Investigation Unit

Since 1987 the Fire Investigation Unit, of seven Officers, has operated from a Sydney base to all regions of the State. The main objective of the Unit is to establish the cause and origin of fires, the information gathered being disseminated to the Police, the Fire Safety Division and other government agencies involved with fire related matters, and to provide training for firefighters in fire cause identification.

During 1991/92, Fire Investigation Unit Officers attended 801 incidents - a decrease of 7.5% over 1990/91.

In the financial year 1991/92, there was an overall decrease of 12.9% in the total number of suspicious/incendiary fires attended by Brigades, down from 6322 incidents to 5509. Suspicious/incendiary vehicle fires dropped from 2279 incidents in 1990/91 to 1784 incidents, a decrease of 21.7%. Similarly suspicious/incendiary structure fires dropped from 962 incidents to 918 incidents, a decrease of 4.6%.

Statistics show that 13.8% of the 6671 structure fires which occurred in 1991/92 were categorised as suspicious/incendiary, as were 46.5% of the 3840 vehicle fires.

Residential Occupancies (Class 1, 2, 3 & 4 under Ordinance 70)

A total of 4212 fires occurred in residential occupancies which represents 63.1% of all fires in buildings. A total of 30 fatalities and 276 injuries were involved. Included in this total was the tragic hostel fire outside Dungog, where twelve occupants perished. The Brigades are represented on the Interdepartmental Fires in Residential Occupancies Task Force.

The Brigade actively supports the installation of approved smoke alarms in family dwellings and other residential occupancies. It is encouraging to note increased community awareness of the value of smoke alarms which are cost effective, save lives, reduce injuries, and, by giving early warning of fire, reduce property damage.

Educational Properties

During 1991/92 Brigades attended 186 fires in educational properties. This represents a 3.6% decrease on last year's total of 193. 84 incidents (45.2%) were recorded as suspicious or incendiary in nature.

Public Housing

Fire Investigation Unit Officers attended 49 fires in public housing. The number of fires represents a decline of 12.5% from the preceding period's total of 56 and the single fatality represents a 90% decline on the previous figure of 10 fatalities.

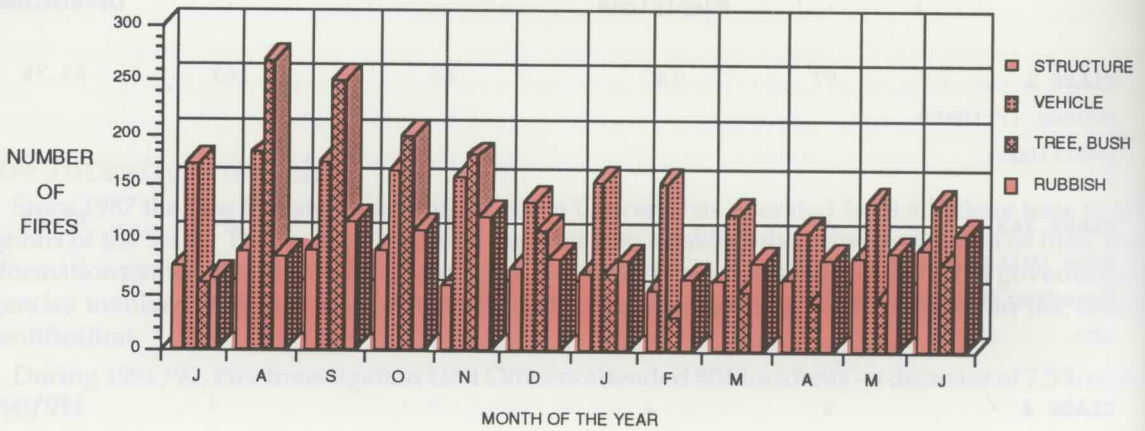
Incidents attended by Fire Investigation Unit July 1991- 30 June 1992

Occupancy	Accidental	Deliberate/ Suspicious	Undetermined	Total	Cause Determined
CLASS 1 Houses (Private Dwellings)	97	140	46	283	83.7%
CLASS 2&3 Home Units, Flats Boarding Houses etc	39	46	12	97	87.6%
CLASS 4 Flats in other occupancies	2	2	-	4	100%
CLASS 5 Offices	3	13	2	18	88.9%
CLASS 6 Shops	18	77	16	111	85.6%
CLASS 7 Warehouses	4	13	8	25	68.0%
CLASS 8 Factories	14	27	15	56	73.2%
CLASS 9 Schools, Churches, Hospitals, Clubs, etc	13	94	12	119	89.9%
CLASS 10 Outbuildings	4	18	14	36	61.1%
CLASS 11 Transport	3	34	10	47	78.7%
TOTAL FIRES	197	464	135	796	TOTAL
Causes	24.7%	58.3%	17%	100%	
% of total					

Total of Incidents Attended for Investigation
% of Fires where cause determined

796
83%

Incendiary and suspicious fires



INCENDIARY AND SUSPICIOUS FIRES BY TIME OF DAY BY TYPE OF FIRE-JULY 1991 TO JUNE 1992

TIME	STRUCTURE FIRE	OUTSIDE STRUCTURE	VEHICLE FIRE	BUSH/ GRASS	RUBBISH FIRE	OTHER FIRES	TOTAL FIRES
0	69	21	177	49	68	-	384
1	74	25	157	55	72	-	383
2	65	31	162	27	67	2	354
3	63	30	115	10	48	-	266
4	35	18	107	5	31	-	196
5	25	7	67	8	12	-	119
6	18	7	27	8	12	-	72
7	18	2	9	10	16	-	55
8	11	8	10	16	21	-	66
9	9	1	1	25	22	-	58
10	13	3	11	42	40	-	109
11	8	2	11	67	32	-	120
12	19	4	14	71	25	-	133
13	30	5	9	87	28	1	160
14	24	6	16	121	36	-	203
15	22	3	21	127	45	-	218
16	26	11	15	106	39	1	198
17	30	5	22	122	66	1	246
18	41	8	37	94	59	-	239
19	39	10	83	74	65	1	272
20	52	10	130	79	62	2	335
21	81	26	160	74	88	2	431
22	61	29	209	67	68	2	436
23	85	34	214	52	70	1	456
TOTALS:	918	306	1784	1396	1092	13	5509

Incendiary Fires by Fiscal Year

TYPE OF FIRE	1989/90	1990/91	1991/92
Fire, Explosion			
Structure fire	164	182	151
Outside of a structure fire	93	98	83
Vehicle fire	338	514	341
Trees,bush,grass fire	674	780	523
Rubbish fire	631	776	636
Explosion with no after fire	1	1	1
Outside spill,leak with ensuing fire	1	3	4
Fire,explosion not classified above	3	4	-
TOTALS	1905	2358	1739

Suspicious Fires by Fiscal Year

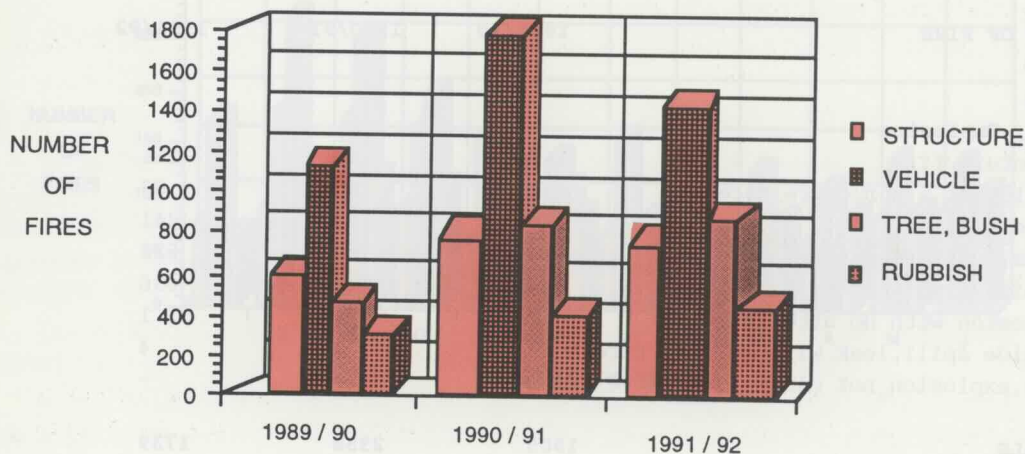
TYPE OF FIRE	1989/90	1990/91	1991/92
Fire, Explosion			
Structure fire	614	790	767
Outside of a structure fire	106	161	223
Vehicle fire	1136	1778	1443
Trees,bush,grass fire	476	834	873
Rubbish fire	314	427	456
Explosion no after fire	-	2	4
Outside spill,leak with ensuing fire	5	5	4
Fire,explosion not classified above	3	1	-
Fire,explosion insufficient information 1		-	-
TOTALS	2655	3998	3770

DEFINITION:

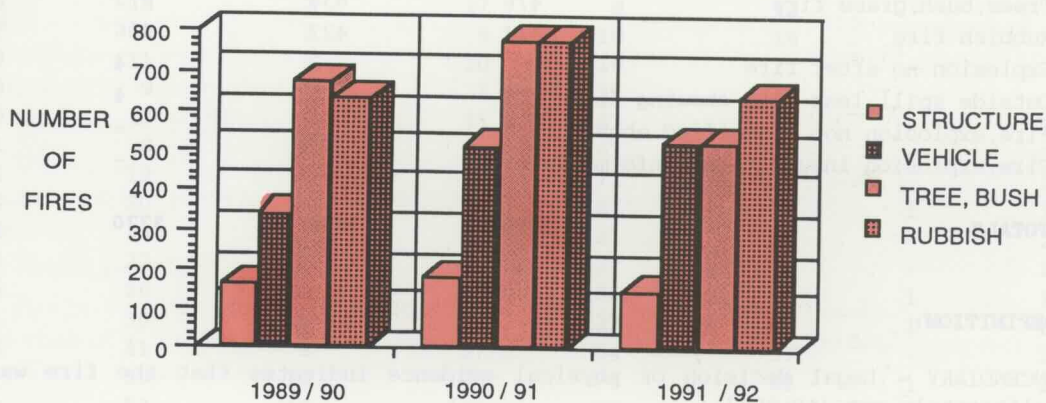
INCENDIARY - Legal decision or physical evidence indicates that the fire was deliberately set (AS-2577).

SUSPICIOUS - Circumstances indicate the possibility that the fire may have been deliberately set, multiple ignitions were found, or there were suspicious circumstances and no accidental or natural ignition factor could be found (AS-2577).

Suspicious fires by fiscal year



Incendiary fires by fiscal year



Breathing Apparatus/Hazmat Section

The provision of breathing apparatus and other protective gear to firefighters recognises the Department's responsibility to the occupational health and safety of its employees in the situation of an increasing incidence of emergency calls involving hazardous materials.

Breathing Apparatus/Hazmat Sections are currently located at Sydney, Newcastle and Wollongong, staffed by:

Officer-in-Charge	District Officer	1
Country BA Officer	Station Officer	1
Training Officer	Station Officer	1
Training Officer	Firefighter	1
BA/Hazmat Officers	Station Officers	8 operational staff
BA/Hazmat Technicians	Firefighters	24 operational staff

The Section services and maintains self contained breathing apparatus, chemical resistant gas suits and CIG oxygen resuscitators, as well as automatic personal distress units, gas detecting instruments and other breathing apparatus ancillary items.

The purchase of additional CIG oxy-vivas achieved the completion of the enhancement Program, with all first responding appliances in New South Wales now having that equipment.

Equipment Purchases 1991/92

Auer BD88 CABA sets	325
FFE gas tight suits	100
Personal distress units	410
Angus portable shower tent	2
Angus portable shower	5

Total Equipment Now In Service

Firefighter CABA	1352
Auer CABA	325
Airmaster	250
CRE3 gas tight suit	220
CFE8 gas tight suit	345
Oxy-viva	439
Personal distress units	700

Calls Attended by the Section Statewide in 1991/92 (Total 643)

<i>Calls on the Breathing Apparatus Section</i>	
Wollongong	61
Newcastle	49
Sydney	266
Total	376

<i>Calls on the Hazmat Unit</i>	
Wollongong	37
Newcastle	51
Sydney	179
Total	267

COMMUNITY RELATIONS

Public Relations

The Public Relations Section responded to an average of 50 requests per day from school children and members of the public for local fire station attendance, annual reports, safety brochures, pamphlets, stickers and general information.

The information flow regarding the Brigades activities to the various audiences included a weekly summary, "PR Activity Notice" sent by electronic mail to fire stations, a quarterly journal "Fire News" to the Brigades, Councils and the media; numerous media releases and interviews for the electronic and print media.

A fully sponsored Fire Brigades exhibit was mounted at the Royal Agricultural Society's Easter Show which received an official commendation. A firefighting display arranged by the Fire Brigades Training and Education staff also was well received.

Passing Out Parade and Medal Presentation

The annual Passing Out Parade and Medal Presentation was held at Alexandria Training College, on 4 October 1991, where 75 fire fighters were welcomed into the brigade and others who had given more than 15 years diligent service were awarded the National Medal by the Minister for Emergency Services, the Hon Ted Pickering MLC.

Publications

Item	Description	Remarks
Annual Statistical Report for 1991		For sale at \$20
Annual Report		
Guarantee of Service	Chart	To all fire stations
Fire News	56 page journal	quarterly (fully sponsored)
PR Activity Notice	electronic news	weekly
Bookmark	carries fire safety messages	ongoing
Inspector Cinders	educational sticker	ongoing
Posters & Stickers on different themes		ongoing
From the Director-General's Desk	Newsletter on important issues	periodic
A Career in the NSWFB	Careers Brochure	ongoing
Code of Conduct	Standards of Conduct issued to all staff	
Audio Tape	10 safety messages	radio stations
Audio Tape	2 fire safety messages in Italian, Cantonese, Spanish, Greek and Arabic	radio stations
Videos	Senior Citizens Spectacular	
	Breathing Apparatus Training	For Training College use
Fire Extinguishers "Which One Will I Use?"	Video and instructors notes	for sale (\$195)

Brochures:

- Fire Extinguisher - Which One Will I Use?
- * Smoke the Silent Killer
- What to do After a Fire
- * Evacuation Drills in the Home
- * Smoke Alarms - Your First Defence
- * Learn - Don't Burn
- Fire Extinguishers
- Fire Safety for the Traveller
- Your Bushfire Survival Guide
- How to Protect Your Home from Fire
- Fire Safety in Health Care Facilities
- The Outdoors Fire Safety Holiday Guide
- * Brochures are also available in community languages (Italian, Cantonese and Arabic).

Public Relations Activities

Fire Awareness Week 1991

In October 1991 the Section arranged a full program of activities for the Week, as the major annual event aimed at educating the community in the dangers of fire. The Week culminated in an Open Day at Fire Stations throughout the State - an initiative reported as beneficial in developing contact with the community and the fire service.

000 Functions

A special feature of the year was the staging of three events: the 000 Fun Run, the 000 Parade and Spectacular and the 000 Ball at the Town Hall, to mark the Sesquicentenary Celebrations of the City of Sydney in conjunction with the Police and Ambulance Services.

Operation Fire Safety

In May 1992 the Section co-ordinated displays and other activities involving 90 fire stations in conjunction with the Civic Video chain of video rental outlets. The purpose of the activity called "Operation Fire Safety" was to promote the release of the video "Backdraft", the Hollywood story of firefighters. Apart from promoting the image of firefighters, the activity yielded \$18,000 for charitable and other purposes and gave the Brigade the opportunity to interface with the public with fire safety messages.

Ethnic Affairs

Two projects were implemented during the year, by the Public Relations Section, both aimed at increasing awareness of fire safety among people from non-English speaking backgrounds.

The first was the production and distribution of fire safety pamphlets in Arabic, Italian, and Cantonese, while the second involved the recording of fire safety messages in five languages for broadcasting on ethnic community radio as community service announcements.

Recruitment advertisements for firefighters were placed in the ethnic press and the Brigades' recruitment brochure was redesigned to reflect a multi-cultural fire brigade.

The Brigade continues its interest in the proposal (now with Telecom) for the introduction of call line identification which would trace 000 calls back to the caller, and so assist in the reception of calls that are unclear either through the caller's inability to speak English or any other cause.

Public Education Section

The Public Education Section provides advice and specialist training in fire prevention, fire safety, public fire awareness and practical fire fighting strategies and techniques.

This service is available to all community sectors including hospitals, nursing homes, detention centres and government departments, and commercial and industrial establishments.

The Section operates on a commercial basis: income generated and charges for services contribute towards recovering its costs.

The Public Education Section conducts courses including Fire Awareness, Practical First Attack Fire Fighting, Basic Fire Warden's Course, Advanced Warden's Course, Child Care Centre Package, Hospital/Health Care Package, Hotel/Resort Package, Evacuation and Breathing Apparatus.

The courses provide theoretical and practical expertise to employees and fulfil management obligations under the Occupational Health and Safety Act, Government Training Guarantee legislation and other statutory requirements.

During 1991/92, approximately 13,215 employees of institutional, commercial and industrial establishments were exposed to fire safety, fire fighting lectures and training provided by the Public Education Section.

The Section is staffed by a District Officer as the section's head, five Station Officers, a Senior Firefighter Qualified and a clerical officer.

The activities performed by this Section for the period included 175 consultations, involving an Officer visiting premises, discussing packages and formulating a Program for specific needs of the client. Further, lectures and courses were provided as follows:

Health Care	653
Educational	55
Office & Commercial	274
Factory & Industrial	352
Full Day Courses	177

Also incorporated in the Section is a Child Safety Unit, whose activities for 1991-92 included:

Consultations	52
School Lectures	204
Displays	25
Child Care Centre Seminars	42
Guest Speaking Appearances	40

In addition to the service provided by the Section, fire station-based firefighters also provide fire safety lectures to community based organisations such as Scouts, Neighbourhood Watch, Lions, Rotary and schools.

Inspector Cinders

Inspector Cinders is a puppet character animated by two operational firefighting Officers from the Public Education Section. The activity's value lies in the provision of fire prevention and safety training in a way that children enjoy and remember.

In 1991/92, 204 lectures were given to 41,000 children in class rooms in state and private schools.

In addition, Inspector Cinders has featured in 40 displays, fetes, special appearances at Darling Harbour activities and the Royal Easter Show.

HUMAN RESOURCES

Equal Employment Opportunity/Staff Development Section

Table 1 - Representation and Recruitment of Women 1990/91 and 1991/92

	1991/1992				1990/91		
	Total Staff	Women	*PWP	Aboriginal People	Total Staff	Women	*PWP
TOTAL	2926	110	58	0	2975	88	88
EMPLOYEES		3.8%	2%			3%	3%
ADMIN STAFF recruited in the year	9	4	1	**2	29	23	1
PERMANENT BRIGADE STAFF Recruited in the year	29	0	0	0	94	0	0
TOTAL PERMANENT STAFF recruited in the year	38	4	1	**2	123	23	1
		10.5%	2.6%			18.7%	0.8%

These figures represent only Permanent Brigade, Administration and Trade personnel, and do not include Volunteer Firefighters. Due to the absence of a Human Resource Management Information System accurate figures are unavailable for Aboriginal and non English speaking background representation. * PWPW - people with a physical disability. ** administrative trainees

Table 2 - Representation of Women at all levels 1990/91 and 1991/92

LEVEL	1991/92		1990/91	
	Total Staff	Women	Total Staff	Women
Below C/O 1/2	18	10	19	8
		55.5%		42.1%
Clerical Officer 1/3	73	44	79	37
		60.3%		46.8%
A & C Grades 1/2	275	31	54	30
		11.3%		55.6%
A & C Grades 3/5	1955	16	54	17
		0.8%		31.5%
A & C Grades 6/9	574	8	34	8
		1.4%		23.5%
A & C Grades 10/12	21	1	12	0
		4.7%		
Above A & C Grade 12	10	0	05	0
Total:	2926	110	257	100
		3.8%		39%

- Figures given for 1990/91 Annual Report reported only Administrative and Clerical staff.
- For purpose of comparison, all permanent staff (administrative and clerical, support and operational) have been grouped into Administrative & Clerical categories on the basis of salary levels.
- Figures include temporary staff and trainees. They do not include Volunteer Firefighters.

NUMBER OF EMPLOYEES

	Actual				Authorised
	December 1989	June 1990	June 1991	June 1992	June 1992
Permanent Brigade					
Chief Officer	1	1	1	1	1
Executive Officer	-	-	-	1	1
Regional Commanders	-	-	-	4	4
Deputy Chief Officer*	1	1	1	-	-
Superintendents*	9	8	5	-	-
Deputy Regional Commanders	-	-	-	7	7
Zone Commanders	-	-	-	28	28
Inspectors	23	23	21	2	-
District Officers	90	92	91	73	75
Station Officers	564	579	580	583	583
Firefighters	2026	2041	2034	1982	2001
Total	2714	2745	2733	2681	#2700
Administrative and Technical Staff					
Director-General	-	1	1	1	
Director Corporate Services (1)	1	1	1	1	
Director Finance (2)	1	1	1	1	
Director Operational Support	-	-	1	1	
Legal Officer	1	1	1	1	
Property	12	12	13	10	
Management Information Services	3	4	4	4	
Secretariat	28	28	30	26	
Human Resources	13	11	13	15	
Employee Relations	4	4	4	4	
Financial	28	26	29	28	
Occupational Health and Safety	-	3	4	4	
Planning And Management Review	3	4	5	5	
Public Relations	4	4	5	5	
Engineering Services	78	77	75	60	
Supply	16	16	8	7	
Transport	10	7	7	-	
Operations Administration	16	22	25	23	
Chullora Administration	4	5	3	3	
Total	222	227	230	206	272
Apprentices	17	13	7	2	22
Volunteer Brigades	3081	3080	3151	3149	3324
Total Staff	6034	6065	6121	6038	6318

With regionalisation, staffing of the operational division underwent significant changes, which required a comprehensive revision of the staffing number, to the current figure of 2700.

* Positions deleted with regionalisation.

Note: (1) In 1989 this position was titled Secretary

(2) In 1989 this position was titled Financial Controller

Key EEO Achievements

During the past twelve months, significant progress has been made in the implementation of strategies in the EEO Management Plan.

An EEO and Training Advisory Committee was formed with management, staff and Union representation, and has been involved in the revision and implementation of strategies and the development of future EEO and Training initiatives.

There was a small increase in the number of women employed in the Department. The increase stemmed from the engagement of temporary staff due to staff freezes pending organisational restructuring. The highest position being filled by a woman was at the minimum Grade 10 level. There are five women permanent firefighters of whom three have reached the rank of senior firefighter. Two Aboriginal people were accepted as administrative trainees. The decrease in the number of people with disability was due to retirements of some Brigade officers with long term disabilities. A Human Resources Management Information System is being developed to capture EEO group membership information.

In preparation for the recruitment campaign for firefighters conducted during this period, ethnic advertisements, talks and information were disseminated to organisations with EEO group membership. Advertisements were placed in 5 ethnic papers and an Aboriginal newspaper. To review the success of the recruitment campaign a survey was conducted at the firefighters' entrance examination, which showed notable increase in the participation of EEO group members amongst applicants, compared to previous years. 3.6% of applicants were women, 4.4% were from non-English backgrounds and 1% were Aboriginal. It is anticipated that women, Aboriginals and people with non-English backgrounds will be among next year's Brigade entrants, subject to applicants passing physical and medical tests.

Within the NSW Fire Brigades there are 12 women among the 3149 Volunteer Firefighters. To address this under-representation, procedures were standardised for the advertising and selection of Volunteer Firefighters, and merit procedures for appointments to Captain, Deputy Captain and Engine Keeper. Some increase in appli-

cations from and appointments of women Volunteer Firefighters has been reported.

A training and development program is being developed for senior executive staff and other staff. Training for administrative and operational staff was provided in time and task management, executive team development and management development, programme evaluation, supervisory skills, grievance handling, presentation skills, touch typing, telephone techniques, self esteem building, assertiveness and communication skills. Some of these courses were targeted and conducted for women and people of non-English background. SES and senior operational staff together with senior administrative managers attended a series of external training courses. People from non-English speaking background and women also attended external training courses, seminars and conferences.

Two spokeswomen forums were conducted with good participation from women. Four spokeswomen were appointed in line with the regionalised structure and provided with training and support.

Planning was undertaken to provide toilets for the disabled and ground floor access for public education lectures when that Section moves to Chullora in the next year.

EEO awareness sessions were conducted for the EEO and Training Advisory Committee, Senior Operations Committee, Regional offices and specialist units. A display EEO policy is being distributed to all stations through Regional offices. Assistance and advice continue to be provided to management on EEO policies and procedures.

There has been involvement in a number of projects with EEO implications, e.g. performance management and job evaluation.

Guidelines on financial assistance for study were revised and circulated to staff.

To prepare staff for organisational restructuring, in support of Brigade regionalisation, career development counselling and advice have been provided for administrative and clerical staff. Training and development staff resources were augmented through the year, through the purchase of training aids, audio-visual materials and books.

Active liaison with organisations dealing with EEO group members was maintained through the year.

Industrial Relations

There has been a high level of activity in the Industrial Relations area over the last twelve months involving negotiations and conferences with Unions on a wide range of issues, resolution of disputes between the Department and the Unions as well as appearances before the Industrial Relations Commission of New South Wales.

One of the most significant events was the enactment and commencement in April 1992 of the Industrial Relations Act 1991, one of the largest single pieces of legislation passed by the New South Wales Parliament. One of the main aims of the Act is to encourage industrial parties to focus on the needs of the enterprise in which they are engaged and to devise industrial arrangements wholly relevant to those needs, which will be formalised in enterprise agreements. The Act also forces parties to do as much as they can to resolve disputes between themselves before having recourse to Industrial Tribunals.

While the Brigades already have a structure of Enterprise-specific Awards, there is scope for the Department to consider a move away from Awards to Agreements.

Award re Zone Commanders

The Interim Award made in June 1991 by the Conciliation Commission continues to apply, and arbitrable proceedings have progressed. Field inspections have been undertaken, evidence taken, and final submissions by the parties were listed for 31 July 1992.

State Wage Case

The Industrial Commission sanctioned payment of the 2.5% wage increase available under the May 1991 State Wage Case with effect from 2 August 1991 for non - firefighting personnel and 23 August 1991 for firefighting personnel.

Non - firefighting personnel received the increase as part of general Public Service move-

ments. With respect to firefighting personnel, the Commission was satisfied that a number of variations to the Award met the requirements laid down in the State Wage Case decision and demonstrated continuing implementation of the Structural Efficiency Principle. Variations made included insertion of clauses providing for Enterprise Arrangements, Consultative Arrangements, Work to Level of Competence clause and revised Dispute Settlement Procedures.

Special Case

In September 1991 the Fire Brigade Employees' Union lodged an application for variation of the Fire Brigade Employees (State) Award which would see significant changes to the rank structure, pay rates of firefighters and would introduce National Competency Standards into the Award. Under the State Wage Case Principles the application is to be dealt with as a Special Case.

Lengthy discussions took place between the Union and the Department during the period October 1991 to February 1992, without agreement being reached on a number of fundamental matters. Both the United Firefighters Union Federal Office and an ACTU representative also participated in the discussions.

The Union has not pressed its application to arbitration.

Review of Relieving Allowance Arrangements and Entitlements

Negotiations concerning relieving allowance arrangements and entitlements are moving toward finality. The revised arrangements address the anomalies and inequities inherent in the current system. The simplified system will realise administrative savings and provide for better management of relieving arrangements generally.

Protective Clothing Dispute

The adoption of improved firefighters' protective clothing is proceeding according to the terms of the Conciliation Commissioner's Protective Clothing Award of 9 October 1991.

Upper body protective clothing in the form of the new Turnout Jacket will be supplied to all firefighters by 31 December 1992. New firefighter helmets will be introduced if it is found that the

existing helmet does not meet the relevant Australian Standard (due to be published August 1992). The Department's Uniform Committee has developed a draft specification for a firefighting over-trouser. Formal ratification of this specification and provision of funding are necessary before the tendering process can commence. Tendering arrangements for a new style of firefighting boots are proceeding. Finally, new gloves and lightweight trousers are to be introduced.

Vehicle Safety Audit

The question of Brigades vehicle safety was the subject of industrial disputation in late 1991 and early 1992. Following hearings before the Industrial Commission, agreement was reached between the Union, the Department and the Minister for a safety audit to be undertaken by the Roads and Traffic Authority. This audit commenced in the second half of March 1992.

At the same time the Fire Brigade Employees' Union placed limitations on the use of Dennis Jaguar appliances. As a result the Roads and Traffic Authority were approached to make an assessment of the Dennis Jaguar appliance as a priority. The RTA's report identified several areas of concern centring on the fixture of seat belts. A plan of modifications was developed to overcome these problems.

The full report of the RTA safety audit is expected to be available in October 1992.

Operational Support Chullora

Discussions continued through the year with the Unions whose members are affected by the proposed changes to the Chullora Complex. The boot making and repair facility was significantly scaled down with work being carried out under external contract out pending procurement of a new type of firefighting boot. Similarly, domestic electrical work previously done by the Department's electrical tradesmen was let out to contractors, as has been the case for some years with other building construction and maintenance work on Brigades properties. Staff affected by these changes who accepted voluntary redundancy totalled 15.

As negotiations for vehicle maintenance work to be carried out by a private contractor proceeded, discussions continued with representatives of Labour Council and involved unions.

Transfer and Sick Leave Protocol

In July 1991 the Department introduced a new protocol on country transfers which identified satisfactory service as a criterion for transfer applications. Late in 1991 the Fire Brigade Employees' Union notified a dispute to the Industrial Commission when the Department declined a transfer application on the grounds of the applicant's excessive sick leave. The Department's decision was successfully defended before the Commission.

At the same time the Commission expressed concern at the Department's toleration of such absenteeism. A revised absenteeism management protocol with augmented screening and counselling provisions was promulgated on 1 July 1992.

Acting Up into Higher Position

Following a decision and order imposed by the Conciliation Commissioner on 10 January 1992 in relation to bans, limitations and restrictions imposed by the Union on "Acting Up", the Union sought an appeal to the Industrial Commission which was subsequently concluded following recommendations made on 16 April 1992.

The recommendation which included the question of examination for firefighters who desired to progress to Station Officer rank reaffirmed the order be complied with and that members of the Union comply with the reasonable requirements of the employer in relation to "Acting Up".

Discussion and rescheduling of examination dates which were part of the recommendations were all complied with by the parties.

Operational Staff Training and Development

Reports on residential training of probationary firefighters, and on national competency standards for firefighters, are included in the Summary of Operations.

The Brigades Senior Training Officers conducted Metropolitan Training Programs at the Training College and other sites in the greater Sydney area. A total of 92 stations (392 personnel) were involved in various training Programs.

A total of 82 personnel attended Officer Development Courses conducted to enhance the skills and competencies of firefighters eligible for promotion to Station Officer rank.

Examinations

During 1991/92 three District Officers Examinations were conducted in July 1991, February 1992 and May 1992 with a total of 7 candidates being successful. Two Station Officer Examinations were conducted in November 1992 and May 1992 with a total of 30 successful candidates.

Examinations for the rank of Senior Firefighter were conducted in September/December 1991 and March/June 1992, with 142 candidates successful.

Brigade tutorial classes were conducted to prepare candidates for all of the above examinations.

Motor Driving and Pump Operations Training

Training in Motor Driving and Pump Operations was conducted for Recruit, Permanent and Volunteer Firefighters at the Training College and decentralised areas throughout the State. During 1991/92 a total of 104 members attained their Motor Driving qualifications. As an ongoing Program, drivers who have been involved in motor traffic accidents are reassessed on their competencies in relation to the driving and control of Brigade appliances. As a matter of safety to themselves, fellow firefighters and members of the public, 38 firefighters were reassessed and qualified to a level acceptable to the Brigades.

Aerial Appliance Training

The Brigade has currently 27 aerial appliances

in service throughout the State. During 1991/92 38 operators were trained in the required skills to operate these appliances, including safety procedures.

Occupational Health and Safety Services

The workload of the Occupational Health Unit continued to expand during 1991-92 with an average of 120 firefighters and support staff being seen by the unit's medical staff each month.

About a quarter of all cases seen involved workers' compensation.

In addition, the three nurses staffing the unit completed an average of 50 medical examinations a month.

Some of these were of a complex nature involving, for example, the testing of firefighters exposed to chemicals or other hazardous substances.

The nursing staff gave lectures, made work-site inspections, and immunised probationary firefighters against Hepatitis B.

Health promotion among permanent firefighters, volunteer firefighters and technical staff will be a major aim for the unit in the year ahead.

For the 1991-92 recruiting intakes more than 60 candidates were medically examined with a pass rate of 60 per cent.

Acquisition of the latest test technology has increased the range of tests available to all sections of the service, and has enabled a more economic use of staff.

Highlights of other Occupational Health and Safety achievements include:

Manual Handling Regulations

To implement the legislation and reduce manual handling injuries, the Department has adopted several strategies, which included the allocation of more time in OH&S courses for firefighters and management staff. Hydraulic lift trolleys are now being trialled in four areas. "Two Person Lift" labels for heavy equipment have been distributed to all work places to encourage team lifting.

Slips, Trips and Falls

This category of accidents and injuries was singled out for priority action. In addition to active maintenance and repairs to station premises, the input on training time has been doubled on all courses. The Training College was introducing new drills for mounting and dismounting from fire appliances.

Other initiatives expected to further contribute to the reduction of slips, trips and falls included a requirement for more flexible firefighting boots and attention to ergonomics in specifications for new fire appliances.

Safety Training Video for Firefighters

The Department was granted \$5000 from the Australian Occupational Health and Safety Trust Fund towards the development of an Occupational Health and Safety training video to meet the specific needs of firefighters induction and refresher courses. It is hoped to complete this project by the end of 1992. This will be a first for the Fire Brigades in Australia.

Occupational Health and Safety Committee

A new committee was elected for a 2 year term, reflecting the eight major areas of the Brigade to provide effective representation of the new regional structure.

A new feature was the training of all members and alternate members - a strategy designed to provide continuity and team development. The mandatory course conducted by the Labour Council also included management representatives.

Back Injuries - Training Strategy

To promote awareness of back injuries and to reduce their occurrence, training videos were distributed to Regions, Zones and Stations. Officers were encouraged to view these tapes as part of their in-house training programs.

Work Place Inspections

As part of regionalisation, and in response to reports from Stations, a new Station inspection format for Station Officers was introduced.

Since more than 50% of injury statistics are reported from Stations, drill yards, training and other non-firefighting work areas, the Department's strategy is to eliminate or reduce this figure, by means of quarterly inspections to be carried out by all Station Officers and other super-

visors, with assistance where needed from OH&S staff, are addressed for management action, to prevent accidents and injuries.

No Smoking Policy

The Department has maintained a total no smoking policy over the last two years. In addition, instructions on smoke breaks were issued to administrative staff. Except for a few reported breaches, supervising officers have reported a positive attitude among staff at all levels. The Employee Assistance Program and internal counselling are ongoing.

Advisory Services

The Occupational Health and Safety staff continue to receive calls from firefighters around the State relating to safety regulations, health hazards, pollution, infectious diseases, ergonomics, accident reporting, public safety, no smoking policy, drug and alcohol use, design of equipment and dissatisfaction with station amenities.

Such inquiries reflect positive feedback from Brigade members, who are then given advice and informed of management initiatives in the relevant areas.

Staff also continue to use the innovative "Notification Slip", a format introduced for outstanding OH&S problems requiring direct action by OH&S staff members. A number of inquiries were received from other State Brigades on the operation of this system.

Rehabilitation

The close working relationship between various sections of the Brigades' including Occupational Health Unit, Workers' Compensation Section, Operational and Administrative personnel in the management of workers' compensation and rehabilitation continues.

The Brigades' Rehabilitation Program, after endorsement by the New South Wales Labor Council and relevant unions, was officially launched.

In conjunction with Workers' Compensation and Occupational Health Sections of the Department, the Rehabilitation Section conducts training sessions with all firefighters, volunteer and permanent, and those taking part in the Officer Development Courses. Training is seen as an integral part of the rehabilitation process.

Chaplaincy Services

The NSW Fire Brigades has one full time Chaplain appointed, assisted by ten Associate Chaplains (having a dual Parish/Chaplaincy role) in the Outer Sydney, Campbelltown, Gosford, Newcastle and Wollongong districts. Chaplains provide support and counselling services for Firefighters and their families, as well as meeting the religious needs of their members. Marriage, Christening and funeral services are conducted, and Church parades are held at various times to honour and give thanks for the safety and dedication of firefighters. Chaplains provide on-scene support for those affected by fire, and arrange emergency accommodation, clothing and network support for those victims. Chaplains are key persons in the Critical Incident Stress Debriefing team, training and helping firefighters deal with stress associated with the job. 1991/92 was a busy year for the Chaplain, with the trend towards an increasing workload continuing.

Overseas Visits

The Officer in Charge of the Breathing Apparatus Section travelled to the United Kingdom to superintend the repair of defective gas suits. His expenses were met by the manufacturer, Quell Fire Safety Equipment.

GENERAL

Archives

The Brigade holds archival material dating back to its inception in the late 19th century (1884). Records which fall within the preservation policy of the Archives Authority of NSW continue to be transferred for permanent storage. The remainder are housed in the Brigades' own Archives.

As an indication of the level of activity relating to archives over the past year (1991/2): 87 boxes of records were placed with the Archives Authority; 39 items were borrowed back to satisfy various enquiries; and 17 items were requested from the Brigades' archives.

Library

In order to meet the information needs of all members of the NSW Fire Brigades, the Library provides research, reference, current awareness and selective dissemination of information services, drawing on its specialised collection in the subject areas of fire fighting, fire prevention, fire service administration and hazardous materials.

In September 1991 the Librarian participated in the Emergency Services Librarians Workshop at the Australian Counter Disaster College in Mt Macedon, Victoria and reinforced links with librarians in similar libraries around Australia. At this Workshop, the Australian Librarians in Emergency Services (ALIES) network was formed, with the aim of increasing cooperation and resource sharing between participating libraries.

In 1991/92 the Library added 836 items to the collection; lent 794 books and 108 videos; and answered 1251 inquiries. Retrospective conversion of the card catalogue onto the Library's FIRELIT database continued and Version 3 of the Library's Thesaurus, for use with this database, was issued.

Grants to Community Organisations

The Department made a contribution of \$7,100 in 1992 to the Salvation Army's Red Shield Appeal.

Payroll facilities were used to allow voluntary deductions (usually 50 cents per week) from em-

ployees to the Burns Unit, Camperdown Children's Hospital. The proceeds are usually given to the Burns Unit, in a cheque presented in the course of Fire Awareness Week each October.

Consultants

During the period, consultants were employed to meet needs in various fields beyond the resources of the organisation.

Details of 1991-92 expenditure for consultancies follow

a) Consultancies Exceeding \$30,000

1) OCR Pty Ltd

\$32,600 - Organisation Consulting Resources were appointed to implement the job evaluation project for support staff.

2) Pak Poy & Kneebone Pty Ltd

\$36,052 - this management consultancy was engaged to continue the review of the Supply and Maintenance Division at Chullora.

3) Price Waterhouse Urwick

\$145,254 - this company was engaged to continue a review of the Department's administration.

b) Consultancies Below \$30,000:

Twenty-eight other consultants were engaged during the year at a total cost of \$85,668.

Cost of Annual Report Production

The artwork and photography for the Annual Report, including graphs and text was produced in-house using desk-top publishing.

Total number of copies printed was 1500.

Total cost was \$12,240 which represents \$8.16 per copy.

A diskette of the Report was forwarded with the report for Parliament.

LIAISON WITH RELATED ORGANISATIONS

N.S.W. Fire Brigades Band

The Band is largely autonomous in its administration and financing. The Brigades provided a contribution towards the Band's activities.

The Band continued its excellent work in the public relations field, providing entertainment and adding colour to official ceremonies and providing positive and spectacular promotion of the NSW Fire Brigades.

The Band gave numerous performances during the last 12 months at events ranging from balls to sporting fixtures, and the enthusiastic reception given by the public of NSW reflects the quality of these performances, many in conjunction with the NSW Fire Brigades Precision Drill Team.

Museum of Fire

The Museum of Fire, located at Penrith, is an independent non-profit organisation.

The Museum's main objective is to teach people, particularly children, about fire safety. The Museum also explores the drama and danger of firefighting with particular emphasis on the history of fighting fire in New South Wales.

The Museum is an interactive and exciting educational centre which gives visitors an opportunity to learn about the history and danger of fire.

The Department is represented on the Museum Board of Management, as it provides some financial assistance to the Museum (which is largely self funded) and supports the Museum with current literature and advice.

During 1991/92 the Museum participated with the Brigades in providing historic vehicles for parades, displays and tours of the Museum for visiting politicians and VIPs.

The Museum of Fire is staffed by a Director, a Senior Education Officer, and two part-time office staff, and is supported by a very dedicated group of volunteers.

PART 4 - FINANCIAL MATTERS

Governing Legislation and Reporting Requirements

The Department, which was established on 1 January 1990 is an inner budget sector department and notwithstanding the provisions of the New South Wales Fire Brigades Act 1989, must comply (as it does) with the following Acts, Regulations and Directions etc,

- Public Finance and Audit Act 1983 and Regulations
- Annual Reports (Departments) Acts and Regulations 1985
- Statements of Accounting Concepts (SACs)
- Australian Accounting Standards (AASs)
- Treasurer's Directions, which include for the first time a new directive titled "Financial Reporting Code under Accrual Accounting for Inner Budget Sector Entities".

This new Code which ensures consistent presentation of financial information by Departments, substantially alters the form and content of the audited financial statements compared to prior presentations, namely:

- An **Operating Statement** instead of an Income and Expenditure Statement which concentrates on **Net Cost of Services** before Government Funding and, consequently eliminates (and correctly so) Statutory Contributions from the Department's operating statement.

- A **Statement of Financial Position** instead of a Balance Sheet.

- A **Cash Flow Statement** prepared on the "direct" method instead of a Source and Application of Funds Statement.

- Inclusion of **Budget Data** on the face of each of the three principal audited financial statements.

- A review of the content of the **Notes to and forming part of the Financial Statements** and in particular the recasting of last year's comparatives.

The Department considers that the new format and the following commentary will provide better information and easier comparison with the State's financial documentation.

Financial Management Initiatives

All 1992/93 Budgets and Forward Estimates for 1993/94 - 1994/95 were prepared on an ac-

crua accounting basis for the first time during the budget preparation cycle in the first half of 1992.

All financial reporting formats now include month and year-to-date figures for previous year's actuals, current year's actuals and budgets, and all costs have been allocated to the lowest level cost centre consistent with delegation of management accountability and responsibility and the requirement to know costs by Fire Districts. This is facilitating improved financial practices and better overall management techniques.

With the elimination of cash abstracting from 1 October 1992 and the concurrent restoration of Treasury Management function at Department level, the financial reporting improvements made in 1991/92 will need to improve further to cope with the above change and the pending devolution of support personnel to the regional structure.

Comparative Key Figures

The inclusion of comparative figures for calendar years 1988 and 1989 (Board of Fire Commissioners - Statutory Authority) and the 1st Half of 1990 (New South Wales Fire Brigades - Government Department), together with the statutory required presentation changes over the five years, requires the following explanation:

- The NSW Government assumed responsibility for \$242.6 million of unfunded Superannuation, Long Service Leave, Loans and Advances at 31 December 1989 on dissolution of the Board of Fire Commissioners. This was the principal reason why the **Net Deficiency** at 31 December 1989 of \$178.7 million became **Net Equity** of \$71.9 million at 30 June 1990.

- The full annual emerging costs for Superannuation, Long Service Leave and Depreciation of Assets are reflected in Operating Expenses, so that Annual Outcomes and Fire District Estimates reflect all expenses.

- The NSW Government assumed a further \$47.2 million for the approximate growth in unfunded deferred superannuation liability for the eighteen months to 30 June 1991.

Comparative Key Figures

	1988 \$m	1989 \$m	1st Half 1990 \$m	1990/91 \$m	1991/92 \$m	Budget 1991/92 \$m	Budget 1992/93 \$m
OPERATIONS							
Operating Expenses	(152.7)	(172.5)	(80.2)	(172.2)	(177.2)	(182.2)	(190.0)
Operating Revenues	7.8	9.4	1.7	6.2	9.3	4.5	7.0
Statutory Contributions	144.6	158.5	82.5	167.3	N/A	N/A	N/A
NET COST OF SERVICES	N/A	N/A	N/A	N/A	(167.9)	(177.7)	(183.0)
Consolidated Fund Funding	N/A	N/A	N/A	N/A	176.0	174.9	175.4
Abnormal/Extraordinary Items	(20.8)	1.9	0.5	3.6	(5.3)	-	-
Operating Result	(21.1)	(2.7)	4.5	4.9	2.8	(2.8)	(7.6)
CAPITAL EXPENDITURES	5.5	12.2	3.2	7.9	4.2	10.9	16.5
Consolidated Fund Funding	-	1.1	3.6	2.2	-	-	-
FINANCIAL POSITION							
Current Assets	16.6	11.8	20.7	34.9	31.6	26.2	13.2
Non Current Assets	62.1	69.1	69.2	68.9	66.1	64.0	77.5
TOTAL ASSETS	78.7	80.9	89.9	103.8	97.7	90.2	90.7
Current Liabilities	38.6	28.8	16.5	24.4	15.5	13.6	16.1
Non Current Liabilities	216.0	230.8	1.5	-	-	-	-
TOTAL LIABILITIES	254.6	259.6	18.0	24.4	15.5	13.6	16.1
NET ASSETS/EQUITY	(175.9)	(178.7)	71.9	79.4	82.2	76.6	74.6

- Treasury's new Departmental reporting code requiring disclosure of **Net Cost of Services** before **Consolidated Fund Allocations** and treatment of Fire Service Levy of Statutory Contributions as revenue of the Crown not of the Department.

- Consolidated Fund Capital Allocations appear in the Operating Statement because they are a Cost to the Government and by definition represent an increase in the Department's Net Equity base.

- The NSW Government provided Capital Works Funding of \$2.2 million in 1990/91 but no allocations in 1991/92 or 1992/93 because the self generated funds from asset sales (100% retention) and depreciation of existing assets for the past/future periods are deemed adequate to cover the approved program.

- Statutory Contributions in advance at balance date are eliminated from the Department's Financial Position (both as Current Assets and Current Liabilities) as such funds and liabilities are attributable to the Crown.

1991/92 Financial Outcomes

The Department achieved a positive Operating Result of \$2.8 million compared to last year's \$4.9 million and a budgeted loss of \$2.8 million which reflects the funds carried over from 1990/91.

The \$5.6 million better than budgeted performance, was due to:

- A 109% (\$4.9 million) increase in operating revenue because of a further Treasury Managed Fund (Insurance) surplus, a full year's (1991) monitoring charges for automatic fire alarm lines and a substantial increase in in-lieu contributions generated by two year's contributions from a Commonwealth Government outer sector enterprise.

- A 2.73% (\$5.0 million) saving in Operating Expenses due to CPI award increases being \$1.6 million less than anticipated, although \$0.5 million will flow-on to 1992/93. Provisions for new Helmets (\$0.6 million), Aerial Appliances enhancements (\$0.4 million) and Redundancies associated with the contracting-out of the Chul-

lora Mechanical Workshop (\$1.0 million) were not incurred due to delays and also carry-over to 1992/93. Other savings were generated from attention to costs and the generally depressed market place offering better purchasing terms.

- The original operating expense budget being supplemented by the Government by \$1.1 million to allow the issue of new style tunics in a reasonable time frame and this has been achieved.

- Prior year's assumed Statutory Contributions being written-back by \$5.3 million to reflect that the only revenue of this nature to which the Department was entitled was the actual Consolidated Fund Recurrent Allocations since 1 January 1990.

Capital Works outlays of \$4.2 million were well down on last year's \$7.9 million and the approved program of \$10.9 million, principally due to external factors delaying implementation and expenditure on the following major items which carry

- Communication Network (\$1.3 million)
- Head Office relocation (\$1.0 million)
- Major Property developments (\$0.9 million)
- Pumper Replacements (\$2.5 million)

over to 1992/93 and account for part of the substantial increase in the approved program for that year.

Capital Works outlays were \$0.7 million on the Communication Network, \$0.3 million to complete the new hydraulic platform (total cost \$0.9 million), \$0.9 million on Chullora site rationalisation to facilitate contracting-out of the mechanical workshop and achieve further site utilisation, \$1.3 million on replacement of commercial and passenger vehicles and \$1.0 million on a variety of minor items all under \$0.2 million.

Within the details of the audited financial statements or as required by the Annual Reports (Departments) Act and Regulations, the following aspects are brought to attention.

Movements in Employee Costs

- Employee related expenses rose by 3.25% (\$4.6 million) to \$141.6 million in line with budget from last years \$137.0 million (after putting to one side \$3.6 million of long service leave entitlements accepted by the Crown) due to a \$4.8 million increase in superannuation, the inclusion of \$0.7 million of termination/redundancy payments and a \$2.1 million (2.07%) increase in base salaries and wages to \$99.3 million being offset by a \$1.5 million decrease in Overtime, a \$1.2 million decrease

in Workers Compensation Insurance and a \$0.7 million decrease in Recreation Leave costs. There are no exceptional changes in employee costs other than disclosed above.

Maintenance and Working Expenses

- Maintenance and Working Expenses rose by 14.08% (\$3.7 million) to \$29.9 million which was \$5.4 million less than budget due to items carrying-over to 1992/93 of \$2.0 million and savings of some \$3.0 million, which were less than overall targeted productivity gains.

Monetary Amount of Recreation and Long Service Leave

- The value of liabilities assumed by the Crown at 30 June 1992 for Long Service Leave was \$31.9 million (\$30.8 million last year) and for Recreation Leave was \$7.1 million (\$7.1 million last year).

Land Disposals

- There were no land disposals during the year, all proceeds of sale of \$2.4 million related to motor vehicles, plant and equipment.

Time for Payment of Accounts

- Generally the Department pays its supplier's accounts within the agreed terms when there is clear evidence of receipt. There have been no instances leading to the application of Clause 2AB of the Public Finance and Audit Regulation 1984, which requires interest to be paid on overdue accounts. The new Accounts Payable system which was only fully implemented at the end of 1991/92 will allow performance indicators to be produced from 1992/93.

Factors Affecting Operational Objectives

- Except as commented within this financial commentary or within the audited financial statements there have been no Economic or Other Factors which, from a financial viewpoint, affected the achievement of Operational Objectives. Indeed, the achievement of a positive operating result, the delays/slowdown in capital outlays and their carry-over to 1992/93 indicates a readjustment of priorities as circumstances change, with no degradation of statutory required fire services.

1992/93 Budgets

The Recurrent and Capital Expenditure Budgets, the Funding Sources and consequent Cash Flows and Financial Position for the year ending 30 June 1993 are outlined hereafter.

	BUDGET 1992/93 \$000	ACTUAL 1991/92 \$000	BUDGET 1991/92 \$000
OPERATING STATEMENT			
Operating Expenses			
Employee related	(148,996)	(141,587)	(141,407)
Maintenance & working	(35,439)	(29,863)	(35,261)
Depreciation	(5,584)	(5,721)	(5,481)
Total Operating Expenses	(190,019)	(177,171)	(182,149)
Total Operating Revenue	7,000	9,348	4,475
Loss on Sale of Assets	-	(38)	-
NET COST OF SERVICES	(183,019)	(167,861)	(177,674)
Consolidated Fund recurrent allocation	175,422	175,977	174,902
Consolidated Fund capital allocation	-	-	-
Abnormal item		(5,272)	-
Operating Result	(7,597)	2,844	(2,772)
CAPITAL WORKS PROGRAM			
Major Works	12,601	2,065	5,183
Minor Works	3,393	2,086	5,303
Computer Projects	509	20	428
Total Allocations	16,503	4,171	10,914
CASH FLOWS			
Payments	(183,622)	(170,036)	(176,668)
Receipts	6,500	9,064	4,475
Net Cash Used on Operating Activities	(177,122)	(160,972)	(172,193)
Capital Works expenditure	(16,000)	(4,171)	(10,914)
Sales on Fixed Assets	3,000	2,400	4,123
Net Cash Outflow on Investing Activities	(13,000)	(1,771)	(6,791)
Consolidated Fund recurrent allocation	175,422	175,977	174,902
Consolidated Fund capital allocation	-	-	-
Total Cash provided by Government	175,422	175,977	174,902
Net Increase/Decrease in cash	(14,700)	13,234	(4,082)

	BUDGET 1992/93 \$000	ACTUAL 1991/92 \$000	BUDGET 1991/92 \$000
FINANCIAL POSITION			
Current Assets	13,223	31,615	26,175
Non-current Assets	77,500	66,120	64,000
Total Assets	90,723	97,735	90,175
Current Liabilities	16,093	15,508	13,564
Net Assets	74,630	82,227	76,611
Accumulated Surplus 1 July	82,227	79,383	79,383
Operating Result of the Year	(7,597)	2,844	(2,772)
Total Equity	74,630	82,227	76,611

Financial Position

Briefly the budget figures mean

- That Operating Expenses have been increased by 7.25% to \$190 million to allow for projects/activities/initiatives not completed or commenced in 1991/92 which have carried over to 1992/93. These are to be carried out without an increase in the Consolidated Fund recurrent allocation for 1992/93 because of unused allocated funding in 1991/92 is also carried forward to cover the Operating Deficit of \$7.6 million.

- That Capital Works projects totalling \$16.5 million are to be self-funded. The approvals for 1992/93 include Cooks Hill Fire Station (\$1.9 million), Chullora complex rationalisation (\$1.3 million), Communications Network (\$2.0 million), Pumper replacements (\$5.4 million), Head Office relocation (\$1.6 million), Camden Fire Station (\$0.4 million), Commercial and Passenger vehicles (\$0.8 million), Computing projects (\$0.5 million) and minor items (\$2.6 million).

- A very responsible approach to funding new initiatives through productivity savings and utilisation of operating revenues which ensures that the Net Cost to the Government and the Statutory Contributors to the Fire Service Levy is reduced in real terms.

1993 Fire District Estimates

The Department acts as the Agent of Government in determining, invoicing and collecting the

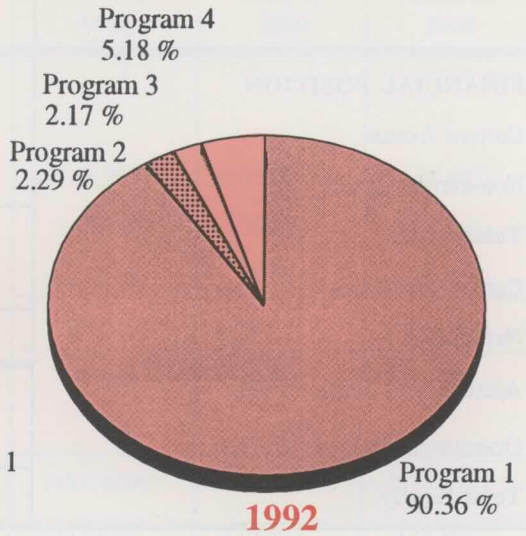
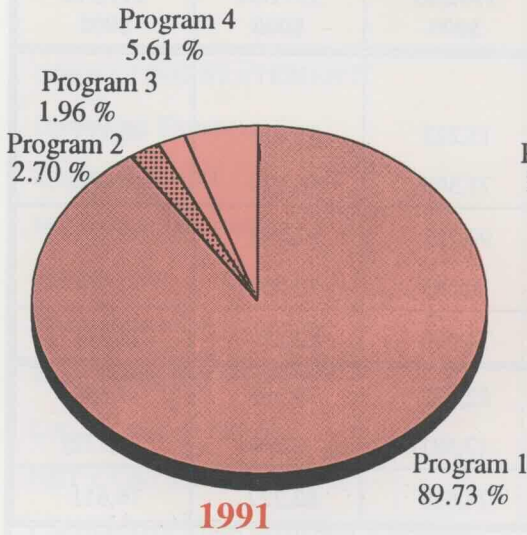
Statutory Contributions to the Fire Service Levy from Local Government and the Insurance Industry.

As a consequence of the approved recurrent expenditure budget for 1992/93 of \$190 million, the operating revenue expected for 1992/93 of \$7 million and the carrying forward of 1991/92's hypothecated funds (excess of operating receipts to budget and savings in recurrent expenditure) of \$7.6 million, the overall 1993 Fire District Estimate is kept to 1992's \$180 million which is a welcome respite from continuing cost increases for those contributors.

The Insurance Industry, in reporting a 14% increase in the insurance premiums base for 1991 compared to 1990, in fact ends up with an implied 14% reduction as a percentage of the insurance premium base even though its overall 73.7% contribution remains at \$132.66 million.

Local Government's 12.3% contribution remains at \$22.14 million, however, the impact on individual Councils varies widely because of the requirements of the Fire Brigades Act 1989 to prepare individual estimates for each of the 186 Fire Districts in New South Wales and, in the case of Fire Districts such as Sydney (which comprises 37 Councils), apportions the costs on aggregated land values which do not move in a uniform manner.

• Program Accounting Expenditure



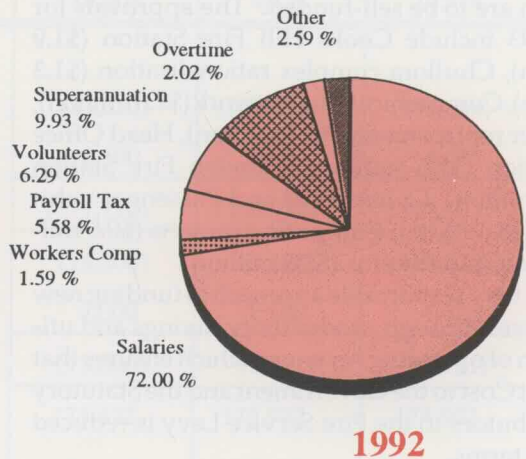
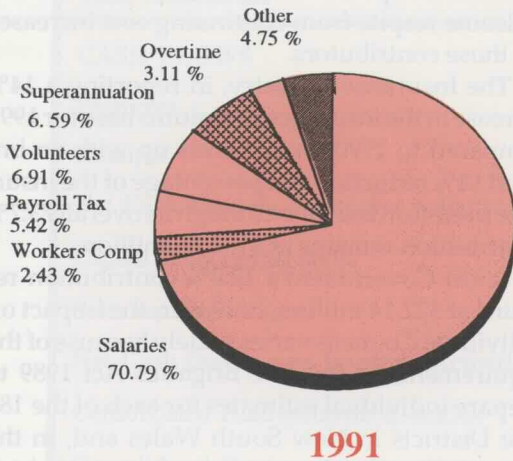
Program 1 Operation & Maintenance of Brigades & Special Services

Program 2 Brigade Training & Development

Program 3 Investigation, Research & Advisory Services

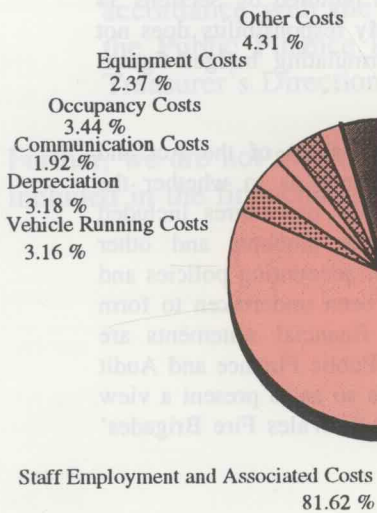
Program 4 Management & Administration

Staff Employment And Associated Costs

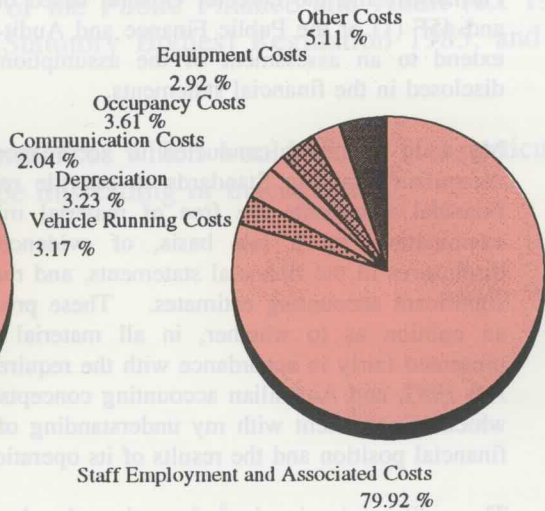


Pursuant to the Public Finance and Audit Act 1983, we, the Director Finance and the Director General of the New South Wales Fire Brigades declare that in our opinion:

Major Operating Costs



1991



1992

AUDITOR-GENERAL'S OPINION

NEW SOUTH WALES FIRE BRIGADES

To Members of the New South Wales Parliament and Director General

Scope

I have audited the accounts of the New South Wales Fire Brigades for the year ended 30 June 1992. The preparation and presentation of the financial statements, consisting of the accompanying statement of financial position, operating statement and statement of cash flows, together with the notes thereto and the information contained therein is the responsibility of the Director General. My responsibility is to express an opinion on these statements to Members of the New South Wales Parliament and the Director General based on my audit as required by Sections 34 and 45F (1) of the Public Finance and Audit Act 1983. My responsibility does not extend to an assessment of the assumptions used in formulating budget figures disclosed in the financial statements.

My audit has been conducted in accordance with the provisions of the Act and Australian Auditing Standards to provide reasonable assurance as to whether the financial statements are free of material misstatement. My procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial statements, and the evaluation of accounting policies and significant accounting estimates. These procedures have been undertaken to form an opinion as to whether, in all material respects, the financial statements are presented fairly in accordance with the requirements of the Public Finance and Audit Act 1983, and Australian accounting concepts and standards so as to present a view which is consistent with my understanding of the New South Wales Fire Brigades' financial position and the results of its operations.

The audit opinion has been formed on the above basis.

Audit Opinion

In my opinion, the financial statements of the New South Wales Fire Brigades comply with Section 45E of the Act and present fairly the financial position of the Brigades as at 30 June 1992 and the results of its operations for the year then ended in accordance with Statements of Accounting Concepts and applicable Accounting Standards.



J.R. MITCHELL, FCPA

ASSISTANT AUDITOR-GENERAL

(duly authorised by the Auditor-General of New South Wales
under Section 45F (1A) of the Act)

SYDNEY
6 October 1992

FINANCIAL STATEMENTS FOR THE YEAR ENDED 30TH JUNE 1992

Pursuant to the Public Finance and Audit Act 1983, we, the Director Finance and the Director General of the New South Wales Fire Brigades declare that in our opinion:

1. The accompanying financial statements exhibit a true and fair view of the financial position of the New South Wales Fire Brigades as at 30th June 1992 and transactions for the period then ended.
2. The statements have been prepared on a full accrual accounting basis and in accordance with the provisions of the Public Finance and Audit Act 1983, the Public Finance and Audit (Statutory Bodies) Regulation 1985, and the Treasurer's Directions.

Further, we are not aware of any circumstances which would render any particulars included in the financial statements to be misleading or inaccurate.

H. W. G. Cavill

H.W.G. Cavill FCPA
Director Finance
2 October 1992

P. B. Rath

P.B. Rath
Director General
2 October 1992

**NEW SOUTH WALES FIRE BRIGADES
OPERATING STATEMENT
FOR THE YEAR ENDED 30 JUNE 1992**

	Notes	Actual 1992 \$'000	Budget 1992 \$'000	Actual 1991 \$'000
Operating Expenses				
Employee related	4	(141,587)	(141,407)	(140,572)
Maintenance and working	4	(29,863)	(35,261)	(26,176)
Depreciation	4	(5,721)	(5,481)	(5,482)
Total Operating Expenses		<u>(177,171)</u>	<u>(182,149)</u>	<u>(172,230)</u>
Operating Revenues				
Commonwealth contributions	5	4,768	1,850	1,878
User charges	5	2,480	2,025	1,523
Sundry revenue	5	927	600	1,671
Managed fund surplus	5	1,173	---	1,104
Total Operating Revenues		<u>9,348</u>	<u>4,475</u>	<u>6,176</u>
 Gain/(Loss) on sale of Assets	 6	 <u>(38)</u>	 <u>---</u>	 <u>15</u>
 NET COST OF SERVICES		 (167,861)	 (177,674)	 (166,039)
 Consolidated Fund recurrent allocation	7	175,977	174,902	167,366
Abnormal Item - Adjustment of Government Contribution	9	(5,272)	---	---
Acceptance by Crown of Department Liabilities		<u>---</u>	<u>---</u>	<u>3,609</u>
Operating Result		2,844	(2,772)	4,936
Consolidated Fund capital allocation		---	---	2,222
Assets acquired from other grants		<u>---</u>	<u>---</u>	<u>851</u>
Operating Result after Capital Allocation		<u>2,844</u>	<u>(2,772)</u>	<u>8,009</u>

The accompanying notes form part of these statements

**NEW SOUTH WALES FIRE BRIGADES
STATEMENT OF FINANCIAL POSITION
AS AT 30 JUNE 1992**

	Notes	Actual 1992 \$'000	Budget 1992 \$'000	Actual 1991 \$'000
Current Assets				
Cash	8	27,863	24,400	14,975
Receivables	9	3,524	1,275	18,245
Inventories	10	228	500	1,657
Total Current Assets		<u>31,615</u>	<u>26,175</u>	<u>34,877</u>
Non-Current Assets				
Properties, plant & equipment	11	66,120	64,000	68,933
Total Non-Current Assets		<u>66,120</u>	<u>64,000</u>	<u>68,933</u>
TOTAL ASSETS		<u>97,735</u>	<u>90,175</u>	<u>103,810</u>
Current Liabilities				
Creditors	12	8,415	6,471	17,334
Provisions: Employee leave entitlements	13	7,093	7,093	7,093
Total Current Liabilities		<u>15,508</u>	<u>13,564</u>	<u>24,427</u>
TOTAL LIABILITIES		<u>15,508</u>	<u>13,564</u>	<u>24,427</u>
NET ASSETS		<u>82,227</u>	<u>76,611</u>	<u>79,383</u>
Equity				
Accumulated Surplus at 1 July		79,383	79,383	71,374
Operating Result of the Year		2,844	(2,772)	8,009
TOTAL EQUITY		<u>82,227</u>	<u>76,611</u>	<u>79,383</u>

The accompanying notes form part of these statements

Except for information previously required, these financial statements and the impact of inclusion of Consolidated Fund Resource Allocation as disclosed in Note 1, the accounting policies adopted are consistent with those of the previous year.

**NEW SOUTH WALES FIRE BRIGADES
CASH FLOW STATEMENT
FOR THE YEAR ENDED 30 JUNE 1992**

	Notes	Actual 1992 \$'000	Budget 1992 \$'000
Cash flow from operating activities			
Payments			
Employee related		(141,931)	(141,407)
Maintenance and working		(28,105)	(35,261)
		<u>(170,036)</u>	<u>(176,668)</u>
Receipts			
User charges		3,123	2,275
Other		4,768	2,200
GIO Managed Fund		1,173	---
		<u>9,064</u>	<u>4,475</u>
Total Net Cash Used on Operating Activities	16	<u>(160,972)</u>	<u>(172,193)</u>
Cash Flow from Investing Activities			
Purchases of property, plant & equipment		(4,171)	(10,914)
Proceeds from sale of motor vehicles, plant & equipment		2,400	4,123
Total Net Cash Outflow on Investing Activities		<u>(1,771)</u>	<u>(6,791)</u>
Net Cash Outflow from Operating and Investing Activities		<u>(162,743)</u>	<u>(178,984)</u>
Government Funding Activities			
Consolidated Fund recurrent allocation		175,977	174,902
Consolidated Fund capital allocation		---	---
Total net cash provided by Government		<u>175,977</u>	<u>174,902</u>
Net Increase/(Decrease) in Cash		13,234	(4,082)
Opening Cash Balance		10,482	28,482
CLOSING CASH BALANCE	16	<u>23,716</u>	<u>24,400</u>

The accompanying notes form part of these statements

NEW SOUTH WALES FIRE BRIGADES

NOTES TO AND FORMING PART OF

THE FINANCIAL STATEMENTS

1. THE DEPARTMENTAL REPORTING ENTITY

The Financial Statements of the Department of the New South Wales Fire Brigades have been prepared, for the first time, in accordance with new directives issued by The NSW Treasurer titled "Financial Reporting Code under Accrual Accounting for Inner Budget Sector Entities".

Comparative figures for the previous year, have been recast consistent with this new format. A significant change from that of previous years is the recognition of the Department's Consolidated Fund recurrent allocation. Previous years financial statements reflected Statutory Contributions (from Local Government, Insurance Companies, and the State Government) as being Brigades income. Contributions from Local Government and Insurance Companies are now recognised as Crown revenue and as such are excluded from the Brigades operating revenue.

All operating activities under the control of the Department have been disclosed in the financial statements.

The Department has no separate reporting entities nor funds containing assets which are restricted for specific use by other parties.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Department's Financial Statements have been prepared in accordance with Statements of Accounting Concepts (SAC), applicable Australian Accounting Standards (AAS), and the requirements of the Public Finance and Audit Act 1983 and Regulations, and the Financial Reporting Directives published in the Financial Reporting Code for Inner Budget Sector Entities and the Annual Reports (Departments) Act and Regulations 1985.

Preparation of the Operating Statement and Statement of Financial Position is based on an accrual accounting concept. The Cash Flow Statement has been prepared on a cash basis using the "direct" method. As this is the first time a Cash Flow Statement is prepared, the previous years figures are not readily available and as such have been excluded. The Financial Statements, being prepared on the historical cost basis, do not purport to reflect changing money values or the current value of non-current assets.

Except for the changes in accounting format required by the Code and the impact of inclusion of Consolidated Fund Recurrent Allocation as disclosed in Note 1, the accounting policies adopted are consistent with those of the previous year.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

(a) Employee Related Expenses

The annual cost of employee entitlements for long service leave and superannuation are included in employee related expenses. However, as the Department's prior unfunded liabilities for superannuation and long service leave have been assumed by the Crown, and as the Department pays an agreed annual amount for the growth in these entitlements, the Crown is responsible for any annual or cumulative shortfall.

(b) Acquisition of Assets

The cost method of accounting is used for all acquisitions of assets regardless of whether resources are acquired separately or as part of an interest in another entity. Cost is determined as the fair value of the assets given up at the date of acquisition plus cost incidental to the acquisition.

(c) Property, Plant and Equipment

The latest general valuation of land and buildings was independently undertaken by the Valuer-General in 1989 based on market value. Value of these assets shown in the financial statements is at cost and is less than the independent valuations (refer Note 19).

(d) Maintenance Additions and Working Expenses

The cost of maintenance, repairs and minor renewals is charged to operations as incurred. Where the cost of additions is material, and they will benefit future periods, the cost is capitalised as part of the carrying amount of the related asset and depreciated accordingly.

(e) Stores

Stores are stated at the lower of cost and net realisable value. Costs are assigned to individual items of stores mainly on the basis of weighted average costs.

(f) Depreciation

Depreciation is provided for on a straight line basis against all depreciable assets so as to write off the depreciable amount of each depreciable asset as it is consumed over its useful life.

Annual depreciation rates:

Asset Category	Rate %
Properties - Building	2.5
- Land	Nil
Vehicles	20.0
Fire Appliances	8.5
Equipment - General	15.0
- Computer	20.0

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

(g) Contributions Under the Fire Brigades Act 1989

As stated in Note 1, Statutory Contributions no longer form part of these financial statements because they are Crown Revenue. The Department calculates and collects contributions as the Crown's agent for deposit into Consolidated Fund.

Contributions are based on an estimate of the Fire Brigades expenditure in respect of each fire district for the financial year, reduced as required by Section 47 of the Act and converted to a calendar year estimate in accordance with Section 48.

Contributions are collected for the Crown in the following proportions:

- Insurance Companies and Owners	- 73.7%
- Local Government	- 12.3%

3. BUDGET REVIEW

The actual net cost of services was lower than budget by \$9.8m. This favourable result was primarily due to operating revenues being 209% of budget because of inclusion of two years in-lieu contributions from a Commonwealth Government Business Enterprise and the receipt of a second bonus from Treasury's Managed Fund. Total revenue gains were \$4.9m. Operating expenses were \$5.0m below budget due to a smaller than anticipated National Wage Case determination, delays in acquiring new helmets because the Australian Standard was awaiting confirmation, spreading of the aerial appliances refurbishment program to meet operational requirements and the delayed implementation of upgraded fleet maintenance which will be concurrent with the contracting out of the central mechanical workshop activities.

Consolidated Fund recurrent allocation actual receipts of \$176.0m included a special supplementation of \$1.1m to speed up the issue of new tunics.

	1992 \$'000	1991 \$'000
--	----------------	----------------

4. OPERATING EXPENSES

(a) Employee related expenses comprise the following items:

Salaries and Wages		
- Brigade	83,367	80,599
- Volunteers	8,912	9,711
- Administration	7,061	6,973
Long service leave	3,218	* 6,716
Recreation leave	11,194	11,930
Overtime	2,862	4,374
Payroll tax	7,906	7,620
Workers compensation insurance	2,254	3,418
Redundancy payments	420	---
Termination payments	302	---
Superannuation	14,060	9,270
Other	648	717
	<u>142,204</u>	<u>141,328</u>
Less:		
Workers compensation receipts	617	756
	<u>141,587</u>	<u>140,572</u>

* includes \$3.6m in liabilities accepted by the Crown

(b) Maintenance and working expenses are as follows:

Occupancy	6,398	5,919
Fire appliances and vehicles	5,625	5,433
Stores and minor equipment	5,179	4,085
Uniforms	3,321	1,933
Communications	3,614	3,315
Travel and subsistence	1,408	1,463
Computer services	1,280	706
Printing and stationery	577	618
Fees for services	1,724	1,827
General expenses	737	877
	<u>29,863</u>	<u>26,176</u>

(c) Depreciation is charged as follows:

Buildings	1,082	1,317
Fire appliances and vehicles	3,699	3,273
Computer equipment	528	209
General plant and equipment	412	683
	<u>5,721</u>	<u>5,482</u>

	1992 \$'000	1991 \$'000
--	----------------	----------------

5. OPERATING REVENUES

(a) Commonwealth Government contributions

Inner Sector Departments	2,004	1,878
Outer Sector Enterprises -		
1991/92 contributions	1,431	---
1990/91 contributions	1,333	---
	<u>4,768</u>	<u>1,878</u>

(b) User charges

User charges comprise:

Monitoring of automatic fire alarms	1,621	761
Charges for false alarms	379	331
Public lectures	480	431
	<u>2,480</u>	<u>1,523</u>

(c) Sundry revenue

Sundry revenue comprises:

Interest	302	259
Property rentals	280	268
Additional contributions	77	168
Commissions	81	68
Refunds and adjustments	18	868
Sundry Items	169	40
	<u>927</u>	<u>1,671</u>

(d) Managed Fund Surplus

Treasury's Managed Fund bonus was received due to the Department's excellent claims record (predominantly for Workers Compensation Claims). These bonuses have been earmarked for the funding of capital works.

Movements in the funds held by The Government Insurance Office are as follows:

	Balance 1/7/91 \$'000	Receipts \$'000	Balance 30/6/92 \$'000
Bonus	1,104	1,173	2,277
Interest	37	120	157
	<u>1,141</u>	<u>1,293</u>	<u>2,434</u>

	1992 \$'000	1991 \$'000
6. 4. GAIN/(LOSS) ON SALE OF ASSETS		
Proceeds from sale of:		
Fire appliances, motor vehicles and equipment	1,397	567
Stores	1,003	---
	<u>2,400</u>	<u>567</u>
Book value on disposal of:		
Fire appliances, motor vehicle and equipment	1,435	552
Stores	1,003	---
	<u>2,438</u>	<u>552</u>
Gain/(Loss) on sale of assets	<u>(38)</u>	<u>15</u>

7. CONTRIBUTION/CONSOLIDATED FUND RECURRENT ALLOCATION

The figure shown as being the Consolidated Fund Recurrent Allocation for the previous year is in fact the total Statutory Contributions for 1990/91 (\$167.4m). This figure has been included instead of the actual Consolidated Fund Recurrent Allocation for 1990/91 (\$164.9m) because of the funding arrangements that applied for 1990/91 (refer Note 1). The Consolidated Fund Recurrent Allocation for 1991/92 was \$176.0m.

	1992 \$'000	1991 \$'000
8. CASH		
Cash funds comprise:		
GIO deposit	2,434	1,141
Cash advances	49	66
Special deposits accounts	25,380	13,768
Total	<u>27,863</u>	<u>14,975</u>

9. RECEIVABLES

	1992 \$'000	1991 \$'000
Debtors	454	271
Less Provision for doubtful debts (a)	46	93
	<hr/>	<hr/>
	408	178
Interest accrued	91	37
Balance due from Treasury (b)	2,283	16,840
Prepayments	742	1,190
	<hr/>	<hr/>
	3,524	18,245
	<hr/>	<hr/>

- (a) During the year, debts totalling \$46,180 in respect of monitoring of automatic fire alarms were written off against provision.
- (b) Under the revised financial arrangements (See Note 1) the major portion of the previous years balance due from Treasury is now regarded as Crown revenue. The previous years balance also included an amount of \$5.3m which has been written back due to recurrent funding now being provided directly from Consolidated Fund.

10. INVENTORIES

The transfer of warehousing activities to a joint operation under the control of the Police stores branch at Regents Park resulted in the sale of stores valued at \$1.003m to the Police Services. With the pending contracting out of the mechanical workshop to a third party, the remaining mechanical stores have been included in the Statement of Financial Position at the net realisable value of \$227,540 after stocktake. This valuation necessitated a write-off of \$225,264 from original book costs including \$53,000 written off against the previous provision for diminution.

11. NON-CURRENT ASSETS - Property, plant and equipment

	Land \$'000	Buildings \$'000	Fire Appliances & Motor Vehicles \$'000	Computer Equipment \$'000	General Plant & Equipment \$'000	Total \$'000
At cost						
Balance 1 July 1991	5,622	43,752	41,814	3,434	2,608	97,230
Additions	180	1,463	1,579	356	593	4,171
Disposals	---	---	(2,239)	(13)	---	(2,252)
Balance 30 June 1992	<u>5,802</u>	<u>45,215</u>	<u>41,154</u>	<u>3,777</u>	<u>3,201</u>	<u>99,149</u>
Accumulated depreciation						
Balance 1 July 1991	---	4,832	20,555	2,452	458	28,297
Depreciation for the year	---	1,082	3,699	528	412	5,721
Writebacks and adjustments	---	(186)	(785)	(18)	---	(989)
Balance 30 June 1992	<u>---</u>	<u>5,728</u>	<u>23,469</u>	<u>2,962</u>	<u>870</u>	<u>33,029</u>
Written Down Value						
At 1 July 1991	<u>5,622</u>	<u>38,920</u>	<u>21,259</u>	<u>982</u>	<u>2,150</u>	<u>68,933</u>
At 30 June 1992	<u>5,802</u>	<u>39,487</u>	<u>17,685</u>	<u>815</u>	<u>2,331</u>	<u>66,120</u>

	1992 \$'000	1991 \$'000
12. ACCOUNTS PAYABLE		
Salaries clearing account	---	344
Accrued Salaries	2,283	1,491
Creditors	1,663	2,642
Sundry Police stores	322	---
Assessment credits (1)	4,147	4,493
Contributions in advance (2)	---	8,364
	<u>8,415</u>	<u>17,334</u>

(1) Under Section 56 (1) of the Fire Brigades Act, an assessment is made of the previous years contributions due from insurance companies, based on insurance premiums received. The assessment is compared to advance payments received by the Department in that year from the companies and any balance due is paid to the Department on behalf of the Crown while credits are held in special deposits accounts and applied to future advance payments or refunded in accordance with Section 56(2) and (4) of the Act.

(2) Contributions in advance are now recognised as Crown revenue in accordance with the revised accounting arrangements explained in Note 1. The amount received in advance by the State at 30 June 1992 is \$6.1m.

13. EMPLOYEE LEAVE ENTITLEMENTS

The assessed liability in respect of annual leave and other Brigade leave entitlements accumulated by employees calculated at salary rates current on 30 June 1992 amounts to \$7.083m (\$7.093m in 1991). As this is only marginally less than that of the previous year, no adjustment has been made to the provision.

14. COMMITMENTS

(a) Capital contracts to which the Department is committed at balance date which are not otherwise recorded in the Balance Sheet at 30 June are as follows:

	1992 \$'000	1991 \$'000
Communications equipment	414	---
Computer equipment	---	36
Building & construction work	2,237	---
Motor fire appliances	---	318
These commitments all fall due within one year	<u>2,651</u>	<u>354</u>

(b) Lease Commitments

There are no continuing commitments in respect of operating or finance lease agreements at 30 June 1992.

	1992 \$'000	1991 \$'000
15. AUDIT FEES		
Fees for auditing services were as follows:		
Internal Audit Bureau	91	93
External audit	77	75
	<u>168</u>	<u>168</u>

Apart from audit fees, the Internal Audit Bureau and the external auditors received no other benefits.

16. NOTES TO THE STATEMENT OF CASH FLOWS

(a) Reconciliation of Cash

For the purposes of the statement of cash flows, cash includes cash on hand, investment in GIO Managed Fund and balances in Special Deposits Accounts at Treasury. Cash at the end of the financial year as shown in the cash flows is reconciled to the related items in the balance sheet as per Note 8:

	1992 \$'000	1991 \$'000
Cash as per Balance Sheet	27,863	14,975
Assessment Credits	(4,147)	(4,493)
Cash as per Cash Flows	<u>23,716</u>	<u>10,482</u>

(b) Reconciliation of total net cash used on operating activities to net cost of services.

	Actual 1992 \$'000	Budget 1992 \$'000
Operating Result	2,844	(2,772)
Adjustment for non-cash items		
Depreciation	5,721	5,481
Loss/(Gain) on sale of assets	38	---
Store adjustments	(173)	---
Adjustment of Government Contributions	5,272	---
	<u>13,702</u>	<u>2,709</u>
Contribution from Consolidated Fund	(175,977)	(174,902)
	<u>(162,275)</u>	<u>(172,193)</u>
(Increase)/Decrease in receivables	1,429	---
(Increase)/Decrease in stores	427	---
(Increase)/Decrease in prepayments	448	---
Increase/(Decrease) in creditors	(1,001)	---
Total net cash used on operating activities	<u>(160,972)</u>	<u>(172,193)</u>

16. NOTES TO STATEMENT OF CASH FLOWS (continued)

(c) Disposal of fire appliances, motor vehicles, equipment and stores.

Cost of asset disposal	3,255
Depreciation written back	817
	<hr/>
Book cost of disposal	2,438
Gain/(Loss) on disposal	(38)
	<hr/>
Proceeds	2,400
	<hr/>

17. SERVICES RECEIVED AT NO COST TO THE DEPARTMENT

There are no services provided free to the Department from other Government Departments, Authorities or private organisations.

18. CONTINGENT LIABILITIES

The Department is not aware of any known contingent liabilities at date of this financial statement.

19. MARKET VALUE OF NON-CURRENT ASSETS

<u>NUMBER OF PROPERTIES</u>	<u>BOOK VALUE \$'000</u>	<u>VALUATION \$'000</u>
363	51,017	112,819

The Valuer-General provided general valuations totalling \$128,440,500 in 1989. This has since been amended by excluding properties disposed of and taking into account cost of new acquisitions and individual revaluations obtained between 1989 and 30 June 1992.

Motor Fire Appliances

By definition, motor fire appliances are classed as integral to the Department's operations and consequently market values have not been assessed.

Other Fixed Assets

Depreciation rates applied to other fixed assets have regard to their residual values and consequently the written down value of these assets closely approximates to market value.

20. CONSULTANTS

The total amount paid and payable to consultants for 1992 was \$299,574 and 1991 was \$629,553.

21. PROGRAM INFORMATION

	Notes	Program 1		Program 2		Program 3		Program 4		Department	
	(a)	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991
		\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Operating Expenses											
Employee related		(131,870)	(126,940)	(2,085)	(2,845)	(2,824)	(2,428)	(4,808)	(4,750)	(141,587)	(136,963)
Maintenance & working		(23,615)	(19,637)	(1,765)	(1,473)	(928)	(704)	(3,555)	(4,362)	(29,863)	(26,176)
Depreciation		(4,597)	(4,735)	(207)	(230)	(95)	(166)	(822)	(351)	(5,721)	(5,482)
Total Operating Expenses		<u>(160,082)</u>	<u>(151,312)</u>	<u>(4,057)</u>	<u>(4,548)</u>	<u>(3,847)</u>	<u>(3,298)</u>	<u>(9,185)</u>	<u>(9,463)</u>	<u>(177,171)</u>	<u>* (168,621)</u>
Operating Revenue											
User charges		6,278	2,765	309	290	193	140	468	206	7,248	3,401
Other revenue		1,053	984	32	35	23	24	992	1,732	2,100	2,775
Gain/(Loss) on sale of non-current Assets		(14)	5	(3)	2	(2)	1	(19)	7	(38)	15
NET COST OF SERVICES		<u>(152,765)</u>	<u>(147,558)</u>	<u>(3,719)</u>	<u>(4,221)</u>	<u>(3,633)</u>	<u>(3,133)</u>	<u>(7,744)</u>	<u>(7,518)</u>	<u>(167,861)</u>	<u>(162,430)</u>
Government allocations	(b)	160,276	151,870	3,874	5,366	3,796	3,828	8,031	9,375	175,977	170,439
Abnormal Item		(4,895)	---	(92)	---	(92)	---	(193)	---	(5,272)	---
Operating Result after Consolidated Fund Allocation		<u>2,616</u>	<u>4,312</u>	<u>63</u>	<u>1,145</u>	<u>71</u>	<u>695</u>	<u>94</u>	<u>1,857</u>	<u>2,844</u>	<u>8,009</u>
Total Assets		<u>77,689</u>	<u>83,546</u>	<u>3,694</u>	<u>3,727</u>	<u>1,691</u>	<u>1,713</u>	<u>14,661</u>	<u>14,824</u>	<u>97,735</u>	<u>103,810</u>

* 1990-91 figures exclude \$3.6m in Long Service Leave Expenses accepted and met by the Crown which has not been apportioned on a program basis.

21. PROGRAM INFORMATION (continued)

Notes

- (a) **Program 1** Operation and Maintenance of Brigades and Special Services
 Objective (s): To prevent and extinguish fire, to protect and save life and property in case of fire and release of hazardous materials, and to carry out rescues where there may be no immediate danger from fire.

- Program 2** Brigade Training and Development
 Objective (s): To maintain a high standard of performance of firefighting services through the education and training of the Brigade in the containment and extinguishing of fire, the safe handling of hazardous materials and the performance of rescue operations.

- Program 3** Investigation, Research and Advisory Services
 Objective (s): To minimise the incidence of fire through public and industry awareness of fire preventive measures. To promote improvement in firefighting services.

- Program 4** Management and Administration
 Objective (s): To carry out the organisation, planning and management of the Brigade in accordance with legislative requirements and corporate goals.

(b) Government Allocations

	Program 1		Program 2		Program 3		Program 4		Department	
	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Consolidated Fund recurrent allocation	160,276	---	3,874	---	3,796	---	8,031	---	175,977	---
Contributions	---	149,123	---	5,289	---	3,582	---	9,372	---	167,366
Consolidated Fund capital allocation	---	1,896	---	77	---	246	---	3	---	2,222
Assets acquired from other grants	---	851	---	---	---	---	---	---	---	851
	<u>160,276</u>	<u>151,870</u>	<u>3,874</u>	<u>5,366</u>	<u>3,796</u>	<u>3,828</u>	<u>8,031</u>	<u>9,375</u>	<u>175,977</u>	<u>170,439</u>

END OF AUDITED FINANCIAL STATEMENTS

TABLE 1

Fire District Estimates 1992 Calendar Year

	\$
ABERDEEN	47,012
ALBURY	1,173,265
ALSTONVILLE	39,465
ARMIDALE	169,070
BALLINA	64,998
BALRANALD	33,195
BANGALOW	43,145
BARHAM	31,613
BARRABA	26,352
BATEMANS BAY	39,506
BATHURST	169,564
BATLOW	27,830
BEGA	43,198
BELLINGEN	49,422
BERRIGAN	29,706
BERRY	32,189
BINGARA	29,503
BLAYNEY	38,671
BLUE MOUNTAINS	1,615,757
BOGGABRI	33,774
BOMBALA	42,831
BOOROWA	30,245
BOURKE	58,782
BOWRAL	55,063
BOWRAVILLE	29,572
BRAIDWOOD	27,298
BRANXTON-GRETA	60,033
BREWARRINA	30,026
BROKEN HILL	851,524
BRUNSWICK HEADS	48,520
BUDGEWOI	74,560
BUNDANOON	25,880
BUNDEENA	29,037
BYRON BAY	39,998
CAMDEN	67,356
CAMPBELLTOWN	2,510,131
CANOWINDRA	30,735
CASINO	139,666
CESSNOCK	583,149
COBAR	26,955
COFFS HARBOUR	175,206
CONDOBOLIN	43,207
COOLAH	24,680
COOLAMON	33,716
COOMA	61,555

COONABARABRAN	40,519
COONAMBLE	38,440
COOTAMUNDRA	47,167
CORAKI	30,757
COROWA	41,639
COWRA	60,033
CROOKWELL	40,929
CULCAIRN	25,588
DENILIKUIN	63,037
DENMAN	31,313
DORRIGO	33,294
DUBBO	356,867
DUNEDOO	27,140
DUNGOG	28,484
EDEN	35,795
EVANS HEAD	32,476
FINLEY	49,193
FORBES	50,110
FORSTER	66,920
GILGANDRA	34,709
GLEN INNES	166,152
GLOUCESTER	26,408
GOSFORD	1,967,267
GOULBURN	248,582
GRAFTON	166,314
GRENFELL	34,939
GRIFFITH	174,545
GULGONG	31,760
GUNDAGAI	44,808
GUNNEDAH	54,105
GUYRA	39,940
HAY	45,343
HELENSBURGH	60,501
HENTY	24,914
HILLSTON	31,898
HOLBROOK	32,742
ILLAWARRA	6,263,503
INVERELL	149,637
JERILDERIE	37,239
JINDABYNE	38,087
JUNEE	43,712
KANDOS	35,430
KEMPSEY	95,573
KIAMA	49,127
KINGSCLIFF	39,082
KYOGLE	41,663
LAKE CARGELLIGO	32,707
LAKE MACQUARIE	3,056,667
LAURIETON	54,798
LEETON	77,561
LIGHTNING RIDGE	31,018
LISMORE	660,990

LITHGOW	275,972
LOCKHART	31,803
LOWER HUNTER	91,830
MACKSVILLE	44,264
MACLEAN	46,556
MAITLAND	489,504
MANILLA	35,984
MERRIWA	28,712
MITTAGONG	42,056
MOAMA	32,587
MOLONG	31,857
MOREE	184,998
MORISSET	80,400
MORUYA	40,764
MOSS VALE	62,374
MUDGE	49,538
MULLUMBIMBY	36,775
MULWALA	28,887
MURRUMBURRAH	36,003
MURRURUNDI	30,106
MURWILLUMBAH	57,022
MUSWELLBROOK	72,715
NAMBUCCA HEADS	32,695
NAROOMA	40,833
NARRABRI	51,978
NARRANDERA	48,456
NARROMINE	38,571
NELSON BAY	54,328
NEWCASTLE	8,281,498
NOWRA	152,902
NYNGAN	34,585
OBERON	30,233
ORANGE	205,306
PARKES	75,739
PEAK HILL	27,897
PERISHER VALLEY	81,749
PENRITH	3,329,953
PICTON	44,688
PORTLAND	36,029
PORT MACQUARIE	221,026
QUEANBEYAN	230,065
QUIRINDI	28,219
RAYMOND TERRACE	54,187
RIVERSTONE	75,061
SAWTELL	44,278
SCONE	30,082
SHELLHARBOUR	154,328
SINGLETON	122,231
SOUTH WEST ROCKS	41,394
SYDNEY	137,168,094
TAMWORTH	311,397

TAREE	156,590
TEA GARDENS	42,323
TEMORA	54,786
TENTERFIELD	48,160
TERRIGAL	70,391
THE ENTRANCE	220,401
THREDBO	56,404
TOCUMWAL	43,382
TOUKLEY	72,961
TRANGIE	34,705
TUMBARUMBA	26,134
TUMUT	44,161
TWEED HEADS	116,206
ULLADULLA	38,954
URALLA	28,420
URUNGA	37,286
WAGGA WAGGA	1,163,191
WALCHA	31,594
WALGETT	38,289
WALLERAWANG	26,079
WARIALDA	27,102
WARRAGAMBA	39,276
WARREN	44,117
WAUCHOPE	65,257
WEE WAA	33,576
WELLINGTON	41,896
WENTWORTH	34,571
WERRIS CREEK	32,171
WEST WYALONG	35,411
WINDSOR	188,032
WINGHAM	42,276
WOOLGOOLGA	51,193
WYONG	64,690
YAMBA	31,868
YASS	66,507
YENDA	35,851
YOUNG	62,256
MERIMBULA	46,642
TOTAL	180,000,000

TABLE 2**Contributions by Shire and Municipal Councils**

	\$
Albury City Council	141,984
Armidale City Council	19,138
Ashfield Municipal Council	156,459
Auburn Municipal Council	220,765
Ballina Shire Council	12,375
Balranald Shire Council	4,053
Bankstown City Council	618,212
Barraba Shire Council	2,875
Bathurst City Council	20,800
Baulkham Hills Shire Council	551,979
Bega Valley Shire Council	14,971
Bellingen Shire Council	13,590
Berrigan Shire Council	14,347
Bingara Shire Council	3,545
Blacktown City Council	547,852
Bland Shire Council	4,328
Blayney Shire Council	4,667
Blue Mountains City Council	195,086
Bogan Shire Council	3,784
Bombala Shire Council	4,938
Boorowa Shire Council	3,844
Botany Municipal Council	205,757
Bourke Shire Council	6,914
Brewarrina Shire Council	3,627
Broken Hill City Council	102,225
Burwood Municipal Council	155,096
Byron Shire Council	20,324
Cabonne Shire Council	7,959
Camden Municipal Council	8,417
Campbelltown City Council	303,868
Canterbury Municipal Council	456,758
Carathool Shire Council	3,799
Casino Municipal Council	15,459
Cessnock City Council	73,335
Cobar Shire Council	3,481
Coffs Harbour Shire Council	32,575
Concord Municipal Council	130,223
Coolah Shire Council	6,720
Coolamon Shire Council	3,819
Cooma-Monaro Shire Council	7,313
Coonabarabran Shire Council	5,030
Coonamble Shire Council	4,874
Cootamundra Shire Council	5,508
Copmanhurst Shire Council	882.99
Corowa Shire Council	8,887
Cowra Shire Council	6,832
Crookwell Shire Council	4,422
Culcairn Shire Council	6,296
Deniliquin Municipal Council	7,774
Drummoyne Municipal Council	214,704
Dubbo City Council	41,751
Dungog Shire Council	3,692
Eurobodalla Shire Council	14,058

Fairfield City Council	430,947
Forbes Shire Council	5,918
Gilgandra Shire Council	4,115
Glen Innes Municipal Council	18,857
Gloucester Shire Council	3,382
Gosford City Council	245,077
Goulburn City Council	29,740
Grafton City Council	19,510
Great Lakes Shire Council	12,019
Greater Lithgow City Council	40,982
Griffith Shire Council	23,965
Gundagai Shire Council	5,323
Gunnedah Shire Council	7,353
Guyra Shire Council	4,165
Harden Shire Council	4,436
Hastings Municipal Council	40,379
Hawkesbury Shire Council	20,670
Hay Shire Council	5,317
Holbrook Shire Council	4,025
Holroyd Municipal Council	305,438
Hornsby Shire Council	564,195
Hunters Hill Municipal Council	141,327
Hurstville Municipal Council	345,569
Inverell Shire Council	18,035
Jerilderie Shire Council	3,818
Junee Shire Council	5,257
Kempsey Shire Council	15,911
Kiama Municipal Council	6,231
Kogarah Municipal Council	281,270
Ku-Ring-Gai Municipal Council	856,111
Kyogle Shire Council	4,877
Lachlan Shire Council	8,383
Lake Macquarie Municipal Council	358,847
Lane Cove Municipal Council	238,428
Leeton Shire Council	8,876
Leichhardt Municipal Council	314,952
Lismore City Council	83,898
Liverpool City Council	224,327
Lockhart Shire Council	3,918
Maclean Shire Council	10,256
Maitland City Council	64,738
Manilla Shire Council	4,190
Manly Municipal Council	258,355
Marrickville Municipal Council	254,655
Merriwa Shire Council	3,446
Moree Plains Shire Council	20,013
Mosman Municipal Council	338,729
Mudgee Shire Council	9,746
Murray Shire Council	4,322
Murrurundi Shire Council	3,683
Muswellbrook Shire Council	12,193
Nambucca Shire Council	12,881
Narrabri Shire Council	14,281
Narrandera Shire Council	5,816
Narromine Shire Council	9,071

National Parks & Wildlife Service	17,208.82
Newcastle City Council	994,496
North Sydney Municipal Council	618,523
Oberon Shire Council	3,691
Orange City Council	24,637
Parkes Shire Council	12,353
Parramatta City Council	585,529
Parry Shire Council	3,691
Penrith City Council	355,390
Port Stephens Shire Council	15,984
Queanbeyan City Council	28,534
Quirindi Shire Council	3,181
Randwick Municipal Council	680,207
Richmond River Shire Council	7,840
Rockdale Municipal Council	400,323
Ryde Municipal Council	607,359
Rylstone Shire Council	3,978
Scone Shire Council	9,363
Shellharbour Municipal Council	18,994
Shoalhaven City Council	25,880
Singleton Shire Council	14,710
Snowy River Shire Council	4,439
Strathfield Municipal Council	199,059
Sutherland Shire Council	952,118
Sydney City Council	1,434,498
Tallaganda Shire Council	3,430
Tamworth City Council	38,380
Taree City Council	24,093
Temora Shire Council	6,137
Tenterfield Shire Council	5,476
Tumbarumba Shire Council	2,996
Tumut Shire Council	8,791
Tweed Shire Council	25,180
Uralla Shire Council	3,030
Wagga Wagga City Council	141,474
Wakool Shire Council	4,040
Walcha Shire Council	3,742
Walgett Shire Council	8,281
Warren Shire Council	4,574
Warringah Shire Council	1,035,813
Waverley Municipal Council	338,643
Weddin Shire Council	3,774
Wellington Shire Council	5,135
Wentworth Shire Council	4,314
Willoughby Municipal Council	535,024
Wingecarribee Shire Council	22,463
Wollondilly Shire Council	9,528
Wollongong City Council	750,926
Woollahra Municipal Council	726,293
Wyang Shire Council	51,958
Yallaroi Shire Council	3,792
Yass Shire Council	8,190
Young Shire Council	7,399
South Sydney Council	534,398
	21,513,452

TABLE 3

Insurance Companies and Owners 1991-1992

ACCIDENT INSURANCE MUTUAL HOLDINGS LTD
 ALCAN AUSTRALIA LTD
 ALEXANDER STENHOUSE LTD
 ALLEN BROS ASPHALT LTD
 AMERICAN HOME ASSURANCE CO
 AMERICAN REINSURANCE COMPANY
 AMEV FAMILY INSURANCE CO LTD
 AMP UNITED INSURANCES LTD
 ANSVAR AUSTRALIA INSURANCE LIMITED
 AUSTRALIAN ALLIANCE INSURANCE CO
 AUSTRALIAN AMERICAN ASSURANCE COMPANY LTD
 AUSTRALIAN ASSOCIATED MOTOR INSURERS LTD
 AUSTRALIAN EAGLE INSURANCE COMPANY LTD
 AUSTRALIAN MARINE UNDERWRITING AGENCY
 AUSTRALIAN NATIVES ASSOCIATION INSURANCE CO LTD
 AUSTRALIAN REINSURANCE COMPANY LIMITED
 A.M.P. GENERAL INSURANCE LTD
 BHP MARINE & GENERAL INSURANCE PTY LTD
 BOOKER INTERNATIONAL PTY LTD
 BUREAU AUSTRALIS PTY LTD
 CALTEX INTERNATIONAL TECHNICAL CENTRE PTY LTD
 CALTEX OIL (AUST.) PTY LTD
 CALTEX PROPERTIES LTD
 CALTEX REFINING CO PTY LTD
 CATHOLIC CHURCH INSURANCES LIMITED
 CHAPMAN INSURANCE BROKERS PTY LTD
 CHUBB INSURANCE COMPANY OF AUSTRALIA LTD
 CIC GENERAL INSURANCE LTD.
 CIGNA INSURANCE AUSTRALIA LTD
 COLES-MYER LTD
 COLOGNE REINSURANCE COMPANY
 COLONIAL MUTUAL GENERAL INSURANCE CO LTD
 COMMERCIAL POLYMERS PTY LTD
 COMMERCIAL UNION AUSTRALIA GROUP OF INSURANCE COMPANIES
 COMMONWEALTH SAVINGS BANK OF AUSTRALIA
 CONTINENTAL PACIFIC INSURANCE CO (AUSTRALIA) LTD
 CU TRAVEL & GENERAL INSURANCE LTD
 CUMIS INSURANCE SOCIETY INC.
 C.C.I. INSURANCES LTD
 C.E. HEATH CASUALTY & GENERAL INSURANCE LTD
 C.I.C. INSURANCE LTD
 C.R.A. GROUP OF COMPANIES
 DAWES UNDERWRITING AUST PTY LTD
 DEFENCE SERVICE HOMES
 DELANEY COE & KELLY PTY LTD
 DIGITAL EQUIPMENT CORP. (AUST) PTY LTD
 DOUGLAS LUSH & CO PTY LTD
 DOW CHEMICAL (AUST) LTD
 DOWELANCO AUSTRALIA LTD

EMOLEUM (AUSTRALIA) LTD
 FINN FOSTER & ASSOCIATES PTY LTD (LLOYDS & LONDON)
 FRANK B. HALL & COMPANY AUSTRALIA PTY LTD (LLOYDS)
 F.A.I. INSURANCE GROUP
 F.M. INSURANCE COMPANY LTD
 GENERAL REINSURANCE AUSTRALASIA LTD
 GERLING GLOBAL REINSURANCE CO AUSTRALIAN BRANCH
 GIO AUST HOLDINGS LTD
 GOODMAN FIELDER WATTIE LTD
 GOW-GATES INSURANCE BROKERS PTY LTD
 G. STEPHENS
 G.R.E. INSURANCE LTD
 HALLIDAY & NICHOLAS
 HALLMARK GENERAL INSURANCE COMPANY LTD
 HANNAN & CO PTY LTD (NON-SCHEME BUSINESS)
 HANNAN & CO PTY LTD
 HARTFORD FIRE INSURANCE CO
 HARVEY ROBSON (INSURANCE BROKERS) PTY LTD
 HEATH FIELDING AUSTRALIA PTY LTD (SCHEME)
 HEATH FIELDING AUSTRALIA PTY LTD (NON-SCHEME)
 HOGG ROBINSON AUSTRALIA LTD
 HOME OWNERS INSURANCE PTY LTD
 HUNTER PIPE LINE CO LTD/NEWCASTLE PIPELINE CO LTD
 INSURANCE AGENCY & RISK MANAGEMENT PTY LTD
 INTERNATIONAL SPECIALIST UNDERWRITERS LTD
 INT'L SPECIALIST UNDERWRITERS (CONSULTANTS) PTY LTD
 I.C. INSURANCE ADVISORY SERVICES PTY LTD
 JARDINE AUSTRALIAN INSURANCE BROKERS PTY LTD (LLOYDS)
 JARDINE UNDERWRITING AGENCY PTY LTD
 J.H. WACKERBARTH (AUSTRALASIA) PTY LTD
 KEMPER INSURANCE COMPANY LTD
 KITCHEN OF SARA LEE (AUST) PTY LTD
 LION INSURANCE CO LTD
 LOWNDES LAMBERT AUSTRALIA LTD
 LUMLEY GENERAL INSURANCE LTD
 L'UNION DES ASSURANCES DE PARIS
 MAJIK MARKETS PTY. LIMITED
 MARION MERRELL DOW AUSTRALIA PTY LTD
 MARSH & MCLENNAN PTY LTD (LLOYD'S & LONDON COMPANIES)
 MARSH & MCLENNAN PTY LTD (NON-LLOYD'S)
 MERCANTILE MUTUAL INSURANCE (AUSTRALIA) LTD
 MERCANTILE & GENERAL REINSURANCE CO OF AUST LTD
 METAL MANUFACTURES LTD
 MGA INSURANCE BROKERS (NSW) PTY LTD
 MICHAEL ELSE & CO (AUST) PTY LTD
 MINET AUSTRALIA LTD FOR PARTICIPATING LONDON INS
 MINET AUSTRALIA LTD
 MITSUI MARINE & FIRE INSURANCE CO LTD
 MMI GENERAL INSURANCE LTD
 MMI-CMI INSURANCE LTD
 MOBIL OIL AUST LTD
 MOTOR ACCIDENT MUTUAL INSURANCE PTY LTD
 MUNICH REINSURANCE CO OF AUSTRALIA LTD

MUNICIPAL MUTUAL INSURANCE LTD
 M.L.C. INSURANCE LIMITED
 NATIONAL TRANSPORT INSURANCE LIMITED
 NATIONAL & GENERAL INSURANCE COMPANY LTD
 NESTLE AUSTRALIA LTD
 NEUCHATEL SWISS GENERAL INSURANCE CO LTD
 NEW REINSURANCE COMPANY
 NIPPON FIRE & MARINE INSURANCE COMPANY LTD
 NORTH INSURANCES PTY LTD
 NORWICH WINTERTHUR INSURANCE (AUST) LTD
 NORWICH WINTERTHUR REINSURANCE CORPORATION LTD
 NZI INSURANCE AUST LTD
 N.R.M.A. INSURANCE LTD
 OAMPS INTERNATIONAL INS LTD
 OAMPS ROBINSON AUSTRALIA PTY LTD
 OCEANIC GENERAL LTD
 PACIFIC WHOLESALE INS BROKERS PTY LTD
 PENN INSURANCE BROKING GROUP PTY LTD
 PHILIPS INDUSTRIES HOLDINGS LTD
 PRESTIGE INSURANCE BROKERS (AUST) PTY LTD
 PROPERTY MARINE INSURANCE CO LTD
 PROVIDENT & PENSIONS HOLDINGS PTY LTD
 PROVINCIAL INSURANCE (AUSTRALIA) LTD
 QBE INSURANCE LTD
 QBE INSURANCE (INT'L) LTD
 REWARD INSURANCE PTY LTD
 RHONE POULENC GROUP OF COS
 RICHARD OLIVER AUSTRALIA PTY LTD (NON LLOYDS)
 ROBERT BARROW (NSW) PTY LTD
 ROYAL INSURANCE AUSTRALIA LTD
 R.A.A.INSURANCE LIMITED
 R.J. CHEGWYN PTY LTD
 SCOR RE AUSTRALIA LTD
 SEDGWICK JAMES LIMITED (OTHER THAN LLOYDS)
 SEDGWICK JAMES LIMITED
 SGIC
 SHELL CHEMICAL AUST. PTY LTD
 SHELL CO. OF AUSTRALIA LTD
 SHELL REFINING (AUSTRALIA) PTY LTD
 SKANDIA INTERNATIONAL INSURANCE CORPORATION
 SMITH, KLINE & FRENCH LABORATORIES (AUST.) LTD
 SOUTHERN CROSS UNDERWRITING PTY LTD
 SPHERE DRAKE INSURANCE PLC
 SPRAYPAVE PTY LTD
 STATE GOVT INSURANCE OFFICE
 STEEVES LUMLEY LTD
 STONEHENGE INSURANCE CO PTY LTD
 SUN ALLIANCE AUSTRALIA LTD
 SUNCORP INSURANCE & FINANCE
 SWANN INSURANCE (AUST) PTY LTD
 SWITZERLAND GENERAL INSURANCE COMPANY LTD
 SWITZERLAND INSURANCE AUST LTD
 SYDNEY METROPOLITAN PIPELINE PTY.LTD

SYDNEY REINSURANCE CO PTY LTD
 TERRACE INSURANCE BROKERS PTY LTD
 THE AUSTRALIAN TANKER CO PTY LTD
 THE BALTICA GENERAL INSURANCE CO LTD
 THE CHIYODA FIRE & MARINE INS CO LTD
 THE COPENHAGEN REINSURANCE CO (AUSTRALIA) LTD
 THE GUILD INSURANCE CO LTD
 THE KOA FIRE & MARINE INSURANCE CO LTD
 THE SUMITOMO MARINE & FIRE INSURANCE CO LTD
 THE TOKIO MARINE & FIRE INSURANCE CO LTD
 TRANSPORT INDUSTRIES INSURANCE CO LTD
 TRANS-WEST INSURANCE BROKERS PTY LTD
 UNDERWRITING AGENCIES OF AUST PTY LTD
 UNILEVER AUSTRALIA LTD
 UNION INSURANCE COMPANY LTD
 UNION REINSURANCE COMPANY
 V.A.C.C. INSURANCE CO. LTD
 V.G.L. INSURANCE BROKERS PTY LTD
 WAGLAND SALTER & ASSOCIATES PTY LTD
 WESFARMERS INSURANCE LTD
 WESTERN UNDERWRITERS INSURANCE LIMITED
 WESTERN UNITED INSURANCE BROKERS PTY LTD
 WILLIS CORROON LTD
 WILLIS CORROON QUEENSCORP
 WILLIS FABER & DUMAS LTD
 WORLD MARINE & GENERAL INSURANCE LTD
 YASUDA FIRE & MARINE INSURANCE CO LTD
 ZURICH AUSTRALIAN INSURANCE LIMITED

TABLE 4

Statistics of Fires and Other Incidents Attended
1989/90, 1990/91 and 1991/92

TYPE OF INCIDENT	1989/90	1990/91	1991/92
FIRES OR EXPLOSIONS:			
Structure fire	6479	6724	6671
Outside of a structure fire	908	1141	1181
Vehicle fire	3655	4720	3840
Trees,bush,grass fire	10345	14973	10926
Rubbish fire	4916	5791	5058
Explosion with no after fire	53	30	53
Outside spill,leak with ensuing fire	104	125	87
Fire,explosion not classified above	54	35	8
Fire explosion insufficient information to classify	23	12	8
	-----	-----	-----
	26537	33551	27832
OVERPRESSURE RUPTURE (NO COMBUSTION)	126	132	136
RESCUE CALL	2728	2060	2051
HAZARDOUS CONDITION OR STANDBY	7912	7835	7115
SERVICE/SALVAGE CALL	1966	2483	2625
GOOD INTENT CALL	5078	5654	5256
FALSE CALL	17230	17172	16971
SYSTEM MALFUNCTION	13373	12498	12489
TYPE OF INCIDENT NOT CLASSIFIED ABOVE	116	97	48
TYPE OF INCIDENT UNDETERMINED	153	33	11
	=====	=====	=====
TOTALS	75219	81515	74534

NOTE: The figures for years 1989/90 and 1990/91 may vary from figures in other publications because of late submissions of Incident Report forms to data entry points. The figures for 1991/92 are as reported up to August 1992.

TABLE 5

Type of Incident by Month of Occurrence July 1991 to June 1992

TYPE OF INCIDENT	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
FIRES OR EXPLOSIONS:													
Structure fire	663	673	661	525	506	511	479	423	466	498	591	675	6671
Outside of a structure fire	73	130	137	136	133	117	80	78	70	82	61	84	1181
Vehicle fire	337	373	351	349	341	323	333	312	285	275	289	272	3840
Trees,bush,grass fire	494	1882	2120	1803	1357	870	454	246	448	365	322	565	10926
Rubbish fire	348	510	585	555	521	402	366	254	362	356	366	433	5058
Explosion with no after fire	3	4	5	6	3	7	3	5	5	4	3	5	53
Outside spill,leak with ensuing fire	4	11	8	8	11	6	8	4	9	6	8	4	87
Fire,explosion not classified above	-	-	-	-	-	2	2	1	1	-	1	1	8
FIRE,explosion insufficient information to classify	-	-	-	-	1	1	-	1	2	1	2	-	8
	1922	3583	3867	3382	2873	2239	1725	1324	1648	1587	1643	2039	27832
OVERPRESSURE RUPTURE (No Combustion)	12	11	10	8	11	13	15	8	9	15	12	12	136
RESCUE CALL	197	180	183	123	172	206	179	175	126	164	170	176	2051
HAZARDOUS CONDITION OR STANDBY	576	589	609	564	637	695	592	727	565	573	516	472	7115
SERVICE/SALVAGE CALL	177	194	222	220	214	256	262	298	205	205	187	185	2625
GOOD INTENT CALL	389	579	474	561	466	471	393	376	312	407	393	435	5256
FALSE CALL	1474	1460	1409	1578	1440	1466	1337	1382	1222	1332	1420	1451	16971
SYSTEM MALFUNCTION	941	973	831	904	1007	1163	1154	1573	1040	991	1001	911	12489
TYPE OF INCIDENT NOT CLASSIFIED ABOVE	4	4	2	8	14	6	6	-	1	1	1	1	48
TYPE OF INCIDENT UNDETERMINED	2	2	1	-	2	3	-	1	-	-	-	-	11
TOTALS	5694	7575	7608	7348	6836	6518	5663	5864	5128	5275	5343	5682	74534

TABLE 6

Type of Incident by Region, Zone and Specialist Response

July 1991 to June 1992

REGION/ZONE	FIRE, EXPLOSION	OVERPRES. RUPTURE.	RESCUE CALL	HAZARD. CONDITION	SERVICE SALVAGE	GOOD INTENT	FALSE CALL	SYSTEM MALFUNC.	OTHER	TOTAL PRIMARY*	ALL*
										INCIDENTS	RESPONSES
SOUTH	5853	42	498	1677	845	1357	5391	4267	12	19942	28,014
ZONE 1	1781	13	198	664	457	654	3275	3275	3	10320	15399
ZONE 2	1390	13	171	428	257	314	842	458	3	3876	5379
ZONE 3	2112	12	88	446	100	273	1027	398	3	4459	5445
ZONE 4	570	4	41	139	31	116	247	136	3	1287	1643
SENIOR OFFICERS	-	-	-	-	-	-	-	-	-	-	148
SOUTHWEST	5983	29	463	1406	659	993	3415	2202	8	15158	20137
ZONE 1	1895	9	199	616	417	450	1504	1178	3	6271	9189
ZONE 2	3429	15	214	620	217	398	1530	833	5	7261	9064
ZONE 3	659	5	50	170	25	145	381	191	-	1626	1782
SENIOR OFFICERS	-	-	-	-	-	-	-	-	-	-	102
NORTH	8034	37	585	2162	600	1559	4215	3777	23	20992	27951
ZONE 1	958	9	162	398	271	374	868	997	3	4040	5773
ZONE 2	1143	9	198	565	160	397	976	1400	1	4849	7120
ZONE 3	3302	7	48	654	58	475	1305	739	13	6601	8621
ZONE 4	1074	6	43	172	38	125	448	225	2	2133	2477
ZONE 5	938	4	88	245	49	108	299	202	2	1935	1958
ZONE 6	619	2	46	128	24	80	319	214	2	1434	1715
SENIOR OFFICERS	-	-	-	-	-	-	-	-	-	-	287

TABLE 5

Type of Incident by Month of Occurrence July 1991 to June 1992

NORTHWEST	7962	28	505	1870	521	1347	3950	2243	16	18442	23076
ZONE 1	1487	5	167	465	147	277	952	734	7	4241	5789
ZONE 2	4045	12	228	715	270	555	1621	760	3	8209	10274
ZONE 3	938	6	56	255	44	297	649	366	1	2612	3025
ZONE 4	613	1	16	156	20	105	314	160	1	1386	1599
ZONE 5	879	4	38	279	40	113	414	223	4	1994	2134
SENIOR OFFICERS	-	-	-	-	-	-	-	-	-	-	255
OTHER SENIOR OFFICERS	-	-	-	-	-	-	-	-	-	-	19
SPECIALIST RESPONSE	-	-	-	-	-	-	-	-	-	-	873
TOTALS	27832	136	2051	7115	2625	5256	16971	12489	59	74534	100070

* DEFINITIONS

PRIMARY RESPONSE - Refers to a response by the station which submits the fire incident report form. More than one station usually attends an incident. However, only one station submits the fire incident report form. The total of primary responses equals to the total number of incidents.

RESPONSE - The turn-out of every station or unit to an incident. Whereas primary response refers only to when a station attends an incident and is responsible for reporting it, response refers whenever a station responds or turns out to an incident. As at least two stations usually respond to an incident, about twice as many responses as primary responses are recorded.

TABLE 7

Type of Action Taken by Region, Zone and Specialist Response July 1991 to June 1992

REGION/ZONE	EXTINGUISH	RESCUE ONLY	INVEST-IGATION	REMOVE HAZARD	STANDBY AT INCIDENT	SALVAGE	MEDICAL ASSISTANCE RENDERED.	COVER ASSIGN. MOVE UP	NOT CLASS.	UNDETER-MINED	TOTAL
SOUTH	4989	197	12227	1574	239	90	24	94	399	109	19942
ZONE 1	1447	81	7716	643	73	56	13	30	190	71	10320
ZONE 2	1163	67	1948	447	42	11	8	10	156	24	3876
ZONE 3	1922	39	1926	372	93	15	1	43	42	6	4459
ZONE 4	457	10	637	112	31	8	2	11	11	8	1287
SOUTHWEST	5250	230	7584	1265	227	62	23	72	355	90	15158
ZONE 1	1612	114	3534	588	88	34	9	37	214	41	6271
ZONE 2	3083	94	3222	535	95	28	14	23	124	43	7261
ZONE 3	555	22	828	142	44	-	-	12	17	6	1626
NORTH	6865	279	10910	1838	422	81	22	100	420	55	20992
ZONE 1	760	100	2531	376	55	37	4	1	168	8	4040
ZONE 2	939	79	3089	519	76	17	8	3	108	11	4849
ZONE 3	2891	11	2965	497	120	14	2	10	79	12	6601
ZONE 4	962	15	842	139	59	5	3	63	22	23	2133
ZONE 5	802	60	751	188	71	5	5	20	32	1	1935
ZONE 6	511	14	732	119	41	3	-	3	11	-	1434
NORTHWEST	7025	215	8687	1689	310	70	21	122	279	24	18442
ZONE 1	1283	71	2263	429	66	29	4	5	88	3	4241
ZONE 2	3670	111	3491	605	130	25	14	16	139	8	8209
ZONE 3	793	13	1471	262	41	7	2	4	12	7	2612
ZONE 4	506	3	641	131	31	2	1	46	22	3	1386
ZONE 5	773	17	821	262	42	7	-	51	18	3	1994
TOTALS	24129	921	39408	6366	1198	303	90	388	1453	278	74534

TABLE 8

Time of Day by Type of Fire - July 1991 to June 1992

TIME	STRUCTURE FIRE	OUTSIDE STRUCTURE FIRE	VEHICLE FIRE	BUSH/ GRASS FIRE	RUBBISH FIRE	OTHER FIRES	TOTAL FIRES
0	230	54	246	234	274	-	1038
1	215	64	224	194	222	3	922
2	184	55	218	119	186	3	765
3	179	75	171	95	144	1	665
4	114	46	154	58	101	1	474
5	109	23	102	38	70	1	343
6	120	29	68	64	60	1	342
7	175	12	52	90	81	3	413
8	223	29	86	152	108	5	603
9	245	21	92	232	118	4	712
10	292	21	96	357	158	11	935
11	292	31	102	579	173	9	1186
12	293	42	129	726	164	7	1361
13	319	45	114	799	200	13	1490
14	321	53	118	960	208	11	1671
15	334	50	139	1065	253	11	1852
16	388	51	143	1072	294	11	1959
17	454	51	150	1077	350	13	2095
18	489	61	146	773	315	9	1793
19	439	53	168	582	312	9	1563
20	372	67	245	562	324	9	1579
21	330	82	259	471	349	11	1502
22	278	80	309	347	300	8	1322
23	276	86	309	280	294	2	1247
TOTALS	6671	1181	3840	10926	5058	156	27832

TABLE 9

Type of Fire By Local Government Area - July 1991 to June 1992

LOCAL GOVERNMENT AREA	STRUCTURE FIRE	OUTSIDE STRUCTURE FIRE	VEHICLE FIRE	BUSH/ GRASS FIRE	RUBBISH FIRE	OTHER FIRES	TOTAL FIRES
Leichhardt	126	13	61	35	69	1	305
Marrickville	135	25	180	50	125	2	517
Randwick	127	14	65	98	55	2	361
Sydney	452	30	167	50	279	8	986
Waverley	82	14	23	12	39	-	170
Woollahra	70	16	31	15	28	-	160
Ashfield	66	4	34	18	24	1	147
Burwood	36	5	12	9	19	1	82
Concord	34	-	27	14	21	1	97
Drummoyne	30	4	17	3	11	1	66
Strathfield	40	6	27	32	20	1	126
Bankstown	147	34	147	217	160	3	708
Botany	60	6	36	64	35	3	204
Canterbury	145	13	124	102	105	2	491
Hurstville	87	20	43	49	88	1	288
Kogarah	56	10	32	46	38	1	183
Rockdale	65	14	56	60	65	1	261
Sutherland	156	39	79	221	91	6	592
Camden	19	3	12	28	10	-	72
Campbelltown	187	50	217	818	284	3	1559
Liverpool	174	17	153	302	154	4	804
Wollondilly	19	1	13	30	12	-	75
Auburn	87	22	67	76	102	-	354
Baulkham Hills	79	44	37	124	68	4	356
Blacktown	262	52	257	674	476	10	1731
Blue Mountains	106	12	44	207	107	4	480
Hawkesbury	51	14	25	71	58	1	220
Fairfield	177	29	199	263	217	2	887
Holroyd	82	14	56	104	122	5	383

Parramatta	207	41	142	159	175	5	729
Penrith	178	51	137	513	249	10	1138
Hornsby	109	31	43	117	76	4	380
Hunters Hill	15	1	11	8	8	1	44
Ku-ring-gai	68	18	29	44	28	2	189
Lane Cove	47	2	15	15	21	1	101
Manly	56	8	18	22	15	1	120
Mosman	36	4	10	12	14	2	78
North Sydney	103	16	26	29	24	3	201
Ryde	101	16	47	95	67	2	328
Warringah	129	28	79	173	93	2	504
Willoughby	48	8	21	7	23	2	109
Gosford	148	28	50	434	101	2	763
Wyong	67	24	34	189	47	2	363
Pittwater Shire	12	3	5	5	1	-	26
Cessnock. Greater	43	12	23	382	49	4	513
Lake Macquarie	147	45	78	954	113	4	1341
Maitland	40	14	28	156	78	-	316
Newcastle	236	54	72	286	168	3	819
Port Stephens	20	4	10	56	6	-	96
Denman	1	1	1	3	4	-	10
Dungog	4	1	2	6	5	-	18
Great Lakes	10	5	7	53	5	-	80
Merriwa	3	-	1	1	-	-	5
Murrurundi	1	-	2	11	1	-	15
Muswellbrook	12	3	7	24	4	-	50
Scone	12	2	2	12	12	-	40
Singleton	17	6	9	26	6	1	65
Kiama	13	5	1	27	2	1	49
Shellharbour	31	13	34	135	45	-	258
Wollongong	237	42	148	712	206	4	1349
Shoalhaven	42	6	25	119	12	-	204
Wingecaribee	39	4	17	46	11	-	117
Ballina	28	-	9	38	5	-	80
Byron/Mullumbimby	12	2	17	36	3	-	70
Casino	12	4	5	36	8	-	65
Kyogle	6	-	-	18	-	-	24

Lismore	29	3	11	51	22	1	117
Richmond River	2	-	2	16	3	-	23
Tweed	29	2	24	82	8	1	146
Bellingen	9	2	6	25	4	-	46
Coffs Harbour	38	9	17	140	15	-	219
Copmanhurst	3	-	1	-	-	-	4
Grafton	16	4	6	36	8	-	70
Maclean	6	-	1	14	-	-	21
Nambucca	5	3	5	54	4	-	71
Nymboida	-	-	-	1	-	-	1
Ulmara	-	1	-	5	-	-	6
Hastings	53	10	15	131	22	-	231
Kempsey	16	2	13	111	6	-	148
Manning	-	-	1	-	-	-	1
Taree	30	1	7	69	10	-	117
Tamworth	33	8	9	42	10	-	102
Barraba	1	-	2	3	-	1	7
Bingara	2	-	-	-	-	-	2
Gunnedah	10	-	10	15	-	1	36
Manilla	2	-	1	6	-	-	9
Parry	1	-	1	4	-	-	6
Quirindi	8	2	3	4	-	-	17
Yallaroi	1	-	-	5	-	-	6
Inverell	22	2	9	52	2	1	88
Armidale	33	2	11	76	25	1	148
Glen Innes	21	-	3	24	11	2	61
Guyra	5	1	-	7	3	-	16
Severn	-	-	2	5	-	-	7
Tenterfield	7	1	1	11	1	-	21
Uralla	7	-	5	20	3	-	35
Walcha	-	-	-	4	-	-	4
Narrabri	16	3	6	37	4	-	66
Moree	19	5	8	194	11	1	238
Victoria	-	-	-	2	-	-	2
Coolah	1	-	-	2	1	-	4
Coonabarabran	4	1	3	9	-	-	17
Dubbo	57	5	13	66	42	1	184

Gilgandra	6	-	4	7	2	-	19
Mudgee	14	3	7	19	5	-	48
Narromine	8	1	1	8	6	-	24
Wellington	12	2	5	8	-	-	27
Bogan	8	2	1	8	-	1	20
Coonamble	3	1	6	7	1	-	18
Walgett	11	3	7	30	1	2	54
Warren	7	1	1	8	1	-	18
Bourke	9	-	1	12	1	1	24
Brewarrina	5	-	1	7	-	-	13
Cobar	5	-	1	2	-	1	9
Bathurst	38	4	12	7	11	2	74
Orange	61	8	13	50	30	-	162
Lithgow Greater	34	1	14	51	13	1	114
Oberon	3	-	1	-	1	-	5
Rylstone	5	-	-	3	-	-	8
Bland	8	-	2	14	11	-	35
Cowra	17	2	4	7	4	-	34
Forbes	10	3	6	4	4	2	29
Lachlan	14	1	3	12	1	1	32
Parkes	16	1	3	19	4	-	43
Weddin	6	2	2	5	-	-	15
Cabonne/Molong	12	-	3	7	4	-	26
Queanbeyan	31	4	8	25	17	-	85
Boorowa	2	-	-	2	1	-	5
Crookwell	5	1	1	1	-	-	8
Goulburn	27	5	5	15	11	-	63
Gunning	1	-	1	-	-	-	2
Harden	2	-	-	5	-	-	7
Mulwaree	1	1	1	-	-	1	4
Tallanganda	2	-	-	-	-	-	2
Yarrowlunla	2	-	2	2	-	-	6
Yass	8	-	7	7	2	1	25
Young	6	3	4	10	6	1	30
Eurobodalla	18	1	7	50	5	1	82
Bega Valley	10	-	5	22	2	1	40
Bombala	2	-	1	1	-	-	4

Snowy River	2	2	-	1	6	1	12
Cooma-Monaro	10	1	1	5	2	-	19
Wagga Wagga	57	7	25	89	34	1	213
Coolamon	1	-	-	1	-	-	2
Cootamundra	17	-	4	5	5	-	31
Gundagai	3	1	2	2	-	-	8
Junee	8	1	4	4	4	-	21
Lockhart	1	-	-	-	-	-	1
Narrandera	10	-	2	17	1	-	30
Temora	5	-	2	10	-	-	17
Tumut	13	1	2	12	8	-	36
Carrathool	3	-	2	2	1	-	8
Hay	2	-	1	9	-	-	12
Leeton	8	3	5	24	4	-	44
Griffith	24	3	6	54	9	1	97
Albury	50	7	7	42	23	1	130
Hume	1	-	1	3	-	-	5
Corowa	10	1	3	17	10	-	41
Culcairn	5	1	1	2	-	1	10
Holbrook	3	-	1	1	1	-	6
Tumbarumba	2	-	1	-	-	-	3
Berrigan	10	1	2	16	2	-	31
Conargo	1	-	-	-	-	-	1
Deniliquin	15	3	3	18	-	-	39
Jerilderie	4	-	-	3	-	-	7
Murray	4	-	2	9	-	-	15
Wakool	1	1	-	2	1	-	5
Windouran	-	-	1	-	-	-	1
Balranald	2	-	-	5	-	-	7
Wentworth	4	-	4	8	3	-	19
Broken Hill	32	4	16	56	18	1	127
Local Government Area not reported	1	-	-	-	-	-	1
TOTALS	6671	1181	3840	10926	5058	156	27832

TABLE 10

Dollar Damage Due to Fires by Local Government Area - July 1991 to June 1992

	0	100	1000	10000	25000	50000	250000	1000000	OVER	UNDETER	
LOCAL GOVERNMENT AREA	TO	TO	TO	TO	TO	TO	TO	TO	5000000	MINED	TOTAL
	99	999	9999	24999	49999	249999	999999	5000000	5000000		
Leichhardt	122	68	59	11	5	3	-	-	1	36	305
Marrickville	148	75	143	33	5	5	1	1	-	106	517
Randwick	173	65	56	17	8	3	-	-	-	39	361
Sydney	452	184	178	50	13	9	5	2	1	92	986
Waverley	62	53	26	4	1	-	-	-	-	24	170
Woollahra	52	49	27	12	1	4	1	-	-	14	160
Ashfield	52	35	39	10	2	2	-	-	-	7	147
Burwood	32	17	17	9	3	1	-	-	-	3	82
Concord	39	18	23	6	1	-	-	1	-	9	97
Drummoyne	16	17	17	10	1	2	-	-	-	3	66
Strathfield	47	14	32	9	4	2	1	-	-	17	126
Bankstown	269	81	126	35	15	5	1	-	-	176	708
Botany	102	31	32	6	2	5	-	-	-	26	204
Canterbury	229	70	121	27	4	7	-	-	-	33	491
Hurstville	147	45	45	10	4	5	1	-	-	31	288
Kogarah	87	26	32	8	2	1	1	-	-	26	183
Rockdale	121	34	49	17	3	3	2	-	-	32	261
Sutherland	277	88	91	22	4	6	-	-	-	104	592
Camden	4	11	10	2	-	3	1	-	-	41	72
Campbelltown	674	106	172	49	13	9	1	-	-	535	1559
Liverpool	411	70	126	22	13	3	3	3	-	153	804
Wollondilly	31	6	7	7	1	2	1	-	-	20	75
Auburn	157	39	72	13	6	3	-	1	-	63	354
Baulkham Hills	162	53	48	9	4	6	2	1	-	71	356
Blacktown	1005	115	221	61	18	11	1	-	-	299	1731
Blue Mountains	330	42	41	22	4	9	1	1	-	30	480

Hawkesbury	128	20	37	3	1	4	1	-	-	26	220
Fairfield	341	108	154	45	9	3	2	-	2	223	887
Holroyd	193	40	48	17	3	7	1	-	-	74	383
Parramatta	304	112	136	25	15	10	1	1	-	125	729
Penrith	531	95	130	37	11	10	-	-	-	324	1138
Hornsby	209	72	56	14	5	4	1	-	-	19	380
Hunters Hill	21	6	8	2	1	-	-	-	-	6	44
Ku-ring-gai	88	41	31	11	4	1	-	-	-	13	189
Lane Cove	37	21	26	4	1	1	-	-	-	11	101
Manly	56	20	20	1	1	6	1	-	-	15	120
Mosman	38	16	18	1	1	-	-	-	-	4	78
North Sydney	97	41	29	10	3	3	-	-	-	18	201
Ryde	145	53	47	15	5	6	-	-	-	57	328
Warringah	295	70	73	16	2	1	-	1	-	46	504
Willoughby	35	25	22	13	2	4	-	-	-	8	109
Gosford	377	54	78	22	7	13	-	-	-	212	763
Wyong	199	33	39	14	6	14	1	1	-	56	363
Pittwater Shire	11	5	5	-	2	-	1	-	-	2	26
Cessnock. Greater	181	15	12	2	1	3	-	-	-	299	513
Lake Macquarie	846	69	85	13	9	9	-	-	-	310	1341
Maitland	119	17	25	7	3	1	-	-	-	144	316
Newcastle	330	110	112	11	8	5	2	-	-	241	819
Port Stephens	14	6	3	2	1	1	-	-	-	69	96
Denman	2	-	2	-	-	-	-	-	-	6	10
Dungog	13	1	2	-	1	1	-	-	-	-	18
Great Lakes	52	4	4	1	2	2	-	-	-	15	80
Merriwa	1	1	-	-	1	1	-	-	-	1	5
Murrurundi	8	-	-	-	-	-	-	-	-	7	15
Muswellbrook	15	9	7	2	-	1	-	-	-	16	50
Scone	9	4	2	2	3	-	1	-	-	19	40
Singleton	22	7	11	6	3	2	-	1	-	13	65
Kiama	19	3	6	-	-	-	1	-	-	20	49
Shellharbour	44	12	20	11	1	3	-	-	-	167	258
Wollongong	629	111	133	37	18	21	1	3	-	396	1349
Shoalhaven	7	18	17	3	3	4	1	-	-	151	204
Wingecaribee	60	9	11	1	9	2	-	-	-	25	117
Ballina	37	9	12	2	-	2	-	-	-	18	80

Byron/Mullumbimby	19	4	9	-	1	2	-	-	-	35	70
Casino	27	5	4	2	1	1	-	1	-	24	65
Kyogle	5	2	2	-	-	1	-	-	-	14	24
Lismore	63	13	13	1	-	-	-	-	-	27	117
Richmond River	1	3	-	-	-	-	-	-	-	19	23
Tweed	25	13	20	8	3	2	1	-	-	74	146
Bellingen	23	5	4	1	1	2	-	-	-	10	46
Coffs Harbour	165	17	22	5	1	3	1	-	-	5	219
Copmanhurst	1	1	1	-	-	-	1	-	-	-	4
Grafton	30	13	4	-	-	-	-	-	-	23	70
Maclean	8	1	-	1	-	1	-	-	-	10	21
Nambucca	29	8	9	2	-	2	-	-	-	21	71
Nymboida	-	-	1	-	-	-	-	-	-	-	1
Ulmarra	6	-	-	-	-	-	-	-	-	-	6
Hastings	93	20	17	7	4	4	-	-	-	86	231
Kempsey	12	3	13	1	2	2	-	-	-	115	148
Manning	-	-	1	-	-	-	-	-	-	-	1
Taree	3	9	15	5	-	1	-	-	-	84	117
Tamworth	39	11	13	1	4	1	-	-	-	33	102
Barraba	-	1	1	-	-	-	-	-	-	5	7
Bingara	-	-	-	-	-	2	-	-	-	-	2
Gunnedah	6	2	14	1	1	-	-	-	-	12	36
Manilla	2	1	-	-	-	2	-	-	-	4	9
Parry	-	-	-	-	-	1	-	-	-	5	6
Quirindi	1	2	4	3	1	1	-	-	-	5	17
Yallaroi	2	-	-	-	-	-	-	-	-	4	6
Inverell	55	15	6	1	1	2	-	-	-	8	88
Armidale	27	9	7	1	-	4	1	-	-	99	148
Glen Innes	18	6	2	2	2	3	-	-	-	28	61
Guyra	1	1	-	-	1	-	-	-	-	13	16
Severn	3	-	1	-	-	1	-	-	-	2	7
Tenterfield	5	-	1	-	1	2	-	-	-	12	21
Uralla	11	2	-	1	1	-	-	-	-	20	35
Walcha	2	-	-	-	-	-	-	-	-	2	4
Narrabri	13	4	5	-	2	1	-	-	-	41	66
Moree	7	13	7	2	1	1	-	-	-	207	238
Victoria	2	-	-	-	-	-	-	-	-	-	-

Coolah	-	-	-	-	-	-	-	-	-	4	4
Coonabarabran	8	1	4	1	-	-	-	-	-	3	17
Dubbo	107	19	11	9	3	2	2	1	-	30	184
Gilgandra	6	1	4	-	1	-	-	-	-	7	19
Mudgee	19	5	6	6	1	-	-	-	-	11	48
Narromine	9	3	2	-	-	2	-	-	-	8	24
Wellington	11	3	1	1	1	-	-	-	-	10	27
Bogan	2	1	7	1	2	-	1	-	-	6	20
Coonamble	1	2	2	3	1	-	-	-	-	9	18
Walgett	29	3	7	3	1	1	-	-	-	10	54
Warren	13	2	1	-	-	1	-	1	-	-	18
Bourke	15	1	3	4	1	-	-	-	-	-	24
Brewarrina	3	1	-	-	-	-	-	-	-	9	13
Cobar	1	2	1	-	-	1	-	-	-	4	9
Bathurst	33	13	15	4	3	3	1	1	-	1	74
Orange	94	21	17	3	2	2	-	-	-	23	162
Lithgow Greater	55	14	11	5	-	1	-	-	-	28	114
Oberon	2	2	-	-	1	-	-	-	-	-	5
Rylstone	2	1	1	-	-	-	-	-	-	4	8
Bland	27	3	2	2	1	-	-	-	-	-	35
Cowra	15	9	9	1	-	-	-	-	-	-	34
Forbes	1	5	4	5	2	2	-	-	-	10	29
Lachlan	11	4	4	1	3	3	-	-	-	6	32
Parkes	14	7	4	1	-	2	-	1	1	13	43
Weddin	10	1	3	-	-	-	-	-	-	1	15
Cabonne/Molong	13	4	4	2	-	-	-	-	-	3	26
Queanbeyan	38	15	6	5	3	1	-	-	-	17	85
Boorowa	1	1	-	-	-	-	-	-	-	3	5
Crookwell	1	1	3	2	-	-	-	-	-	1	8
Goulburn	31	12	9	-	-	1	-	-	-	10	63
Gunning	1	-	-	-	-	-	-	-	-	1	2
Harden	4	1	-	-	-	2	-	-	-	-	7
Mulwaree	-	1	1	1	-	-	-	-	-	1	4
Tallanganda	-	-	1	-	-	-	-	-	-	1	2
Yarrowlumla	1	-	3	1	-	-	-	-	-	1	6
Yass	5	2	2	1	1	1	-	-	-	13	25
Young	12	1	4	1	2	1	-	-	-	9	30

Eurobodalla	32	5	5	3	3	3	-	-	-	31	82
Bega Valley	8	1	5	2	1	3	-	-	-	20	40
Bombala	1	-	2	1	-	-	-	-	-	-	4
Snowy River	4	3	-	-	-	1	-	-	-	4	12
Cooma-Monaro	5	1	1	1	-	1	-	-	-	10	19
Wagga Wagga	41	23	26	5	1	6	1	-	-	110	213
Coolamon	1	-	-	1	-	-	-	-	-	-	2
Cootamundra	15	3	5	1	1	3	-	-	-	3	31
Gundagai	1	3	1	1	-	-	-	-	-	2	8
Junee	4	2	2	1	1	1	-	-	-	10	21
Lockhart	-	-	-	1	-	-	-	-	-	-	1
Narrandera	6	2	3	1	1	1	-	-	-	16	30
Temora	7	2	2	-	-	-	-	-	-	6	17
Tumut	15	4	4	-	-	2	-	-	-	11	36
Carrathool	4	-	-	-	1	2	-	-	-	1	8
Hay	4	1	-	1	1	-	-	-	-	5	12
Leeton	33	1	2	2	1	-	-	1	-	4	44
Griffith	71	6	5	1	2	4	-	-	-	8	97
Albury	41	14	18	5	4	-	-	-	1	47	130
Hume	2	-	2	-	-	-	-	-	-	1	5
Corowa	18	2	4	2	-	1	-	-	-	14	41
Culcairn	-	-	1	1	-	-	-	-	-	8	10
Holbrook	1	-	1	-	-	1	-	-	-	3	6
Tumbarumba	2	-	1	-	-	-	-	-	-	-	3
Berrigan	15	4	4	2	2	-	-	-	-	4	31
Conargo	-	-	-	-	-	-	-	-	-	1	1
Deniliquin	10	1	1	-	2	-	-	-	-	25	39
Jerilderie	4	-	-	-	-	1	-	-	-	2	7
Murray	3	3	2	-	-	-	-	-	-	7	15
Wakool	4	-	1	-	-	-	-	-	-	-	5
Windouran	-	-	1	-	-	-	-	-	-	-	1
Balranald	1	5	-	-	-	-	-	-	-	1	7
Wentworth	2	5	2	-	1	2	-	-	-	7	19
Broken Hill	78	10	14	6	6	1	-	-	-	12	127
Local Government Area not reported	-	-	-	-	-	1	-	-	-	-	1
TOTALS	12446	3096	3694	977	364	356	47	23	6	6823	27832

TABLE 11

Fixed Property Use by Ignition Factor (Cause) for Structure Fires - July 1991 to June 1992

IGNITION FACTOR	PUBLIC ASSEMBLY	EDUCAT- IONAL	INSTIT- UTIONAL	RESI- DENTIAL	SHOP, OFFICE	BASIC INDUSTRY	MANUFA- CTURING	STORAGE	SPECIAL	UNCLASS- IFIED	TOTAL
IGNITION FACTOR UNDETERMINED	32	15	7	350	60	12	30	92	31	36	665
INCENDIARY											
Not during civil disturbance	8	16	5	50	16	1	4	16	23	7	146
During civil disturbance	-	1	-	-	-	-	-	-	2	2	5
	8	17	5	50	16	1	4	16	25	9	151
SUSPICIOUS											
Not during civil disturbance	53	56	15	300	128	3	24	90	79	8	756
During civil disturbance	1	1	-	7	1	-	-	1	-	-	11
	54	57	15	307	129	3	24	91	79	8	767
MISUSE OF HEAT OF IGNITION											
Insufficient information	1	1	1	18	3	-	-	1	5	-	30
Abandoned, discarded material	31	8	27	239	38	-	11	24	24	4	406
Thawing	-	-	-	1	-	-	2	-	-	-	3
Falling asleep	-	-	3	106	-	-	-	2	1	-	112
Inadequate control of open fire	-	-	1	45	1	1	2	5	2	1	58
Cutting, welding too close	6	6	7	20	13	5	15	13	11	2	98
Children 16 years & under playing	14	19	2	175	19	1	1	28	47	8	314
Unconscious, mental or physical impairment	1	-	10	23	-	-	-	-	2	-	36
Not classified	5	-	9	157	5	-	1	7	4	2	190
	58	34	60	784	79	7	32	80	96	17	1247

MISUSE OF MATERIAL IGNITED

Insufficient information	2	-	-	5	1	-	-	-	-	1	9
Fuel spilled, released accidentally	4	-	-	26	4	1	1	2	-	-	38
Improper fuelling techniques	1	-	-	6	-	-	-	-	-	-	7
Flammable liquid used to kindle fire	-	-	-	5	-	-	-	-	-	-	5
Washing part, cleaning, painting	1	-	-	2	-	1	1	-	-	-	5
Improper container	-	-	-	7	1	-	-	1	-	1	10
Combustible too close to heat	8	6	10	209	18	-	10	7	2	1	271
Improper storage	-	-	2	15	3	-	2	3	-	-	25
Children playing	3	3	-	20	2	1	-	13	7	1	50
Not classified	1	1	2	28	1	-	-	1	1	-	35
	20	10	14	323	30	3	14	27	10	4	455

MECHANICAL FAILURE, MALFUNCTION

Insufficient information	3	2	2	27	6	-	2	2	-	-	44
Part failure, leak, break	8	5	5	71	17	-	17	10	2	1	136
Automatic control failure	4	2	4	9	5	-	7	-	-	-	31
Manual control failure	1	1	1	8	-	-	1	-	-	-	12
Short-circuit, ground fault	34	10	50	484	99	26	26	31	6	4	770
Other electrical failure	18	7	13	156	47	7	12	11	3	2	276
Lack of maintenance, worn out	7	1	6	121	13	1	6	2	1	3	161
Backfire	1	-	-	7	-	-	-	-	-	-	8
Not classified	-	1	2	7	2	-	6	2	-	-	20
	76	29	83	890	189	34	77	58	12	10	1458

DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY

Insufficient information	-	-	-	2	1	-	1	-	-	-	4
Design deficiency	-	1	-	17	2	2	1	1	-	1	25
Construction deficiency	1	-	-	35	2	-	3	-	-	-	41
Installed too close to combustibles	1	-	-	41	1	-	3	1	-	1	48
Other installation deficiency	3	-	2	13	2	-	-	1	-	-	21
Property too close to heat source	1	-	1	19	2	-	3	5	-	1	32
Not classified	-	-	-	9	-	-	-	-	-	-	9
	6	1	3	136	10	2	11	8	-	3	180

OPERATIONAL DEFICIENCY

Insufficient information	1	-	1	15	4	-	-	-	-	-	21
Collision, overturn, knockdown	-	-	2	23	1	-	-	-	1	-	27
Accidentally turned on	3	4	-	123	12	1	2	3	1	1	150
Unattended	21	8	23	910	32	1	5	5	2	3	1010
Overloaded	3	3	8	53	12	1	8	1	2	1	92
Spontaneous heating	3	-	2	56	13	2	18	14	1	3	112
Improper startup/shutdown procedures	1	1	3	17	3	-	3	1	-	-	29
Not classified	8	-	4	45	6	-	10	2	2	-	77

	40	16	43	1242	83	5	46	26	9	8	1518
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NATURAL CONDITION

High winds	-	-	-	3	1	-	-	1	-	-	5
High water, including floods	-	-	-	1	1	-	-	-	-	-	2
Lightning	-	-	-	8	2	2	-	2	-	1	15
Not classified	-	-	-	14	-	1	1	1	1	-	18

	-	-	-	26	4	3	1	4	1	1	40
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OTHER IGNITION FACTOR

Animal	-	-	-	4	1	-	-	1	-	-	6
Rekindled from a previous fire	6	7	-	30	9	2	14	5	6	-	79
Other ignition factor not classified	9	-	2	70	9	1	4	5	3	2	105

	15	7	2	104	19	3	18	11	9	2	190
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TOTALS

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	309	186	232	4212	619	73	257	413	272	98	6671
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Structure Fires by Fiscal Year
Number of Injuries and Fatalities Due to

TABLE 12

Number of Injuries and Fatalities Due to Structure Fires by Fiscal Year

FIXED PROPERTY USE	1989/90		1990/91		1991/92	
	Injuries	Fatalities	Injuries	Fatalities	Injuries	Fatalities
FIXED PROPERTY USE UNDETERMINED	2	2	6	-	29	-
PUBLIC ASSEMBLY PROPERTY	4	-	3	-	1	-
EDUCATIONAL PROPERTY	1	1	27	-	20	-
INSTITUTIONAL PROPERTY	15	1	7	-	8	-
RESIDENTIAL PROPERTY:						
Residential property not classified	-	-	-	-	1	-
ONE-FAMILY & TWO-FAMILY DWELLING:						
One/two family dwelling						
insufficient information	1	1	-	-	-	-
One-family dwelling-year round use	173	13	153	19	175	13
One-family dwelling -seasonal use	2	-	-	-	4	-
Two-family dwelling-year round use	1	2	11	1	5	-
APARTMENTS, TENEMENTS, FLATS:						
One or two living units with business	1	-	1	-	2	-
Three to six units	4	2	16	-	23	3
Seven to twenty units	28	1	29	1	29	1
Over 20 units	16	1	6	1	11	-
Apartments, tenements, flats not classified	-	-	-	-	1	-
ROOMING, BOARDING, LODGING HOUSES:						
Three to eight roomers or boarders	6	2	4	-	-	-
Nine to 15 roomers or boarders	-	-	1	-	1	-

Rooming,boarding not classified	-	-	-	-	11	12
HOTELS,MOTELS,INNS,LODGES:						
Hotels, motels,inns lodges						
insufficient information	3	1	4	-	-	-
Less than 20 units; year round use	1	-	3	-	-	-
Less than 20 units; seasonal use	-	1	-	-	-	-
20-99 units ; year round use	4	2	1	-	8	-
20-99 units ; seasonal use	2	-	-	-	1	-
Hotels,motels,inns,lodges not classified	14	6	1	-	-	-
DORMITORIES:						
Nurses' quarters	-	-	-	-	2	-
Convent,monastery other religious dormitory	-	-	-	-	1	-
House, worker's barracks	-	-	1	-	-	-
HOME HOTELS,SELF-CONTAINED UNITS:						
Home hotels; insufficient information	-	-	4	-	-	-
20-99 units ; year-round	-	-	1	-	-	-
100 or more units ; year round	-	-	1	-	-	-
OTHER RESIDENTIAL OCCUPANCIES"						
Outdoor sleeping quarters	-	-	3	-	-	-
Other residential occupancies	-	-	-	-	1	1
	-----	-----	-----	-----	-----	-----
	256	32	240	22	276	30
SHOP/STORE, OFFICE PROPERTY	10	-	11	1	17	-
BASIC INDUSTRY,UTILITY,DEFENCE PROPERTY	4	-	1	-	3	1
MANUFACTURING PROPERTY	13	1	22	-	9	1
STORAGE PROPERTY	12	-	20	2	4	-
SPECIAL PROPERTY	4	-	3	2	3	-
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TOTALS	321	37	340	27	370	32

TABLE 13**Reported Responses By Region and Zone - July 1991 to June 1992**

REGION/ZONE	REPORTED RESPONSES		
	Fires	Other	Total
SOUTH			
ZONE 1	2695	12704	15399
ZONE 2	1909	3470	5379
ZONE 3	2494	2951	5445
ZONE 4	692	951	1643
SENIOR OFFICERS	114	34	148
	-----	-----	-----
	7904	20110	28014
	-----	-----	-----
SOUTHWEST			
ZONE 1	2704	6485	9189
ZONE 2	4070	4994	9064
ZONE 3	709	1073	1782
SENIOR OFFICERS	85	17	102
	-----	-----	-----
	7568	12569	20137
	-----	-----	-----
NORTH			
ZONE 1	1343	4430	5773
ZONE 2	1605	5515	7120
ZONE 3	4115	4506	8621
ZONE 4	1233	1244	2477
ZONE 5	951	1007	1958
ZONE 6	707	1008	1715
SENIOR OFFICERS	239	48	287
	-----	-----	-----
	10193	17758	27951
	-----	-----	-----
NORTHWEST			
ZONE 1	1988	3801	5789
ZONE 2	4846	5428	10274
ZONE 3	1084	1941	3025
ZONE 4	669	930	1599
ZONE 5	911	1223	2134
SENIOR OFFICERS	214	41	255
	-----	-----	-----
	9712	13364	23076
	-----	-----	-----
OTHER SENIOR OFFICERS	10	9	19
SPECIALIST RESPONSE	702	171	873
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TOTALS	36089	63981	100070

Definitions:

PRIMARY RESPONSE - Refers to a response by the station which submits the fire incident report form. More than one station usually attends an incident. However, only one station submits the fire incident report form. The total of primary responses equals to the total number of incidents.

RESPONSE - The turn-out of every station or unit to an incident. Whereas primary response refers only to when a station attends an incident and is responsible for reporting it, response refers whenever a station responds or turns out to an incident. As at least two stations usually respond to an incident, about twice as many responses as primary responses are recorded.

TABLE 14

(1)

Reported Responses by Region, Zone and Brigade - July 1991 to June 1992

(* primary rescue unit) (# secondary rescue unit)

REPORTED RESPONSES			
	Fires	Other	Total
SOUTHWEST			
ZONE 1			
STATION NO.			
5 NEWTOWN	282	653	935
7 STANMORE	170	183	353
12 BALMAIN	130	296	426
14 ASHFIELD	247	671	918
*15 BURWOOD	246	896	1142
16 CONCORD	139	481	620
17 DRUMMOYNE	103	353	456
18 GLEBE	122	695	817
22 LEICHHARDT	228	516	744
28 MARRICKVILLE	402	641	1043
52 CAMPSIE	274	423	697
64 LAKEMBA	328	499	827
66 RHODES	33	178	211
TOTAL	2704	6485	9189

REPORTED RESPONSES			
	Fires	Other	Total
ZONE 2			
STATION NO.			
*8 LIVERPOOL	613	770	1383
30 LIDCOMBE	189	424	613
31 BUSBY	425	446	871
44 AUBURN	237	508	745
47 REVESBY	324	619	943
62 BANKSTOWN	428	805	1233
79 INGLEBURN	360	320	680
*84 MACQUARIE FIELDS	340	249	589
88 CAMPBELLTOWN	1040	617	1657
248 CAMDEN	72	153	225
#421 PICTON	42	83	125
TOTAL	4070	4994	9064

REPORTED RESPONSES

	Fires	Other	Total
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ZONE 3

STATION NO.				
*232	BOOROWA	5	11	16
234	BOWRAL	30	87	117
#236	BRAIDWOOD			
#238	BROKEN HILL	121	150	271
239	BROKEN HILL STH	52	119	171
242	BUNDANOON	9	36	45
*262	COOLAMON	2	1	3
*266	COOTAMUNDRA	29	44	73
*271	CROOKWELL	8	20	28
#305	GOULBURN	68	183	251
#311	GRIFFITH	94	73	167
#313	GUNDAGAI	9	24	33
#321	HAY	12	3	15
#323	HILLSTON	8	9	17
#337	JUNEE	23	17	40
#360	LEETON	44	31	75
378	MITTAGONG	42	80	122
385	MOSS VALE	40	62	102
#389	HARDEN	7	10	17
#400	NARRANDERA	30	26	56
#456	TEMORA	17	17	34
*511	YASS	26	41	67
#512	YENDA	4	-	4
*513	YOUNG	29	29	58
TOTAL		709	1073	1782
SENIOR OFFICERS		85	17	102
SOUTHWEST TOTAL		7568	12569	20137

REPORTED RESPONSES

	Fires	Other	Total
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SOUTH

ZONE 1

STATION NO.

1 HEADQUARTERS	503	3398	3901
3 THE ROCKS	113	1463	1576
4 DARLINGHURST	262	1406	1668
10 REDFERN	202	824	1026
11 WOOLLAHRA	293	754	1047
13 ALEXANDRIA	243	917	1160
26 MASCOT	134	609	743
35 BOTANY	121	456	577
38 PYRMONT	96	615	711
39 RANDWICK	202	798	1000
56 MATRAVILLE	189	438	627
70 MAROUBRA	155	605	760
76 BONDI	182	421	603

TOTAL	2695	12704	15399
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REPORTED RESPONSES

	Fires	Other	Total
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ZONE 2

STATION NO.

20 HURSTVILLE	224	431	655
*21 KOGARAH	323	715	1038
29 ROCKDALE	237	501	738
33 ENGADINE	103	86	189
34 RIVERWOOD	231	286	517
45 MIRANDA	216	495	711
46 SUTHERLAND	225	300	525
48 MORTDALE	129	197	326
54 CRONULLA	116	351	467
80 BUNDEENA	25	34	59
90 MENAI	80	74	154

TOTAL	1909	3470	5379
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REPORTED RESPONSES

	Fires	Other	Total
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ZONE 3

STATION NO.

207 ALBION PARK RAIL	163	65	228
210 BALGOWNIE	83	181	264
#217 BATEMANS BAY	47	33	80
#219 BEGA	10	21	31
224 BERRY	9	6	15
*230 BOMBALA	6	12	18
236 BRAIDWOOD	2	13	15
#241 BULLI	170	166	336
258 COLEDALE	11	13	24
263 COOMA	17	45	62
269 CORRIMAL	155	137	292
277 DAPTO	270	172	442
#286 EDEN	15	22	37
325 HELENSBURG	59	48	107
#338 JINDABYNE	11	9	20
#346 KIAMA	49	52	101
#384 MORUYA	15	11	26
*395 MERIMBULA	15	15	30
#398 NAROOMA	21	23	44
#405 NOWRA	146	146	292
422 PORT KEMBLA	313	370	683
*426 PERISHER VALLEY	3	17	20
*428 QUEANBEYAN	91	228	319
442 SCARBOROUGH	32	10	42
*451 THREDBO	1	58	59
461 THIRROUL	72	37	109
474 UNANDERRA	200	188	388
*477 ULLADULLA	49	26	75
488 WARILLA	142	113	255
*503 WOLLONGONG	317	714	1031
TOTAL	2494	2951	5445

REPORTED RESPONSES

	Fires	Other	Total
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ZONE 4

STATION NO.

#203 ALBURY CENTRAL	93	157	250
206 ALBURY NORTH	48	59	107
209 ALBURY CIVIC	57	89	146
212 BALRANALD	7	3	10
*214 BARHAM	5	31	36
#218 BATLOW	7	10	17
#223 BERRIGAN	3	2	5
#268 COROWA	31	20	51
#272 CULCAIRN	5	10	15
#278 DENILIKUIN	41	29	70
#293 FINLEY	20	34	54
#322 HENTY	7	9	16
#324 HOLBROOK	4	22	26
#336 JERILDERIE	7	10	17
#365 LOCKHART			
379 MOAMA	14	7	21
*394 MULWALLA	9	1	10
#463 TOCUMWAL	11	6	17
#466 TUMBURUMBA	3	-	3
#467 TUMUT	29	45	74
#472 TURVEY PARK	180	234	414
480 WAGGA WAGGA	92	156	248
*494 WENTWORTH	19	17	36
TOTAL	692	951	1643
SENIOR OFFICERS	114	34	148
SOUTH TOTAL	7904	20110	28014

REPORTED RESPONSES
Fires Other Total

NORTHWEST

ZONE 1

STATION NO.

19 SILVERWATER	150	403	553
27 PARRAMATTA	356	1035	1391
65 RYDALMERE	213	366	579
67 NORTHMEAD	199	498	697
*71 CASTLE HILL	227	430	657
74 TOONGABBIE	328	437	765
#81 WINDSOR	163	201	364
#82 RICHMOND	116	172	288
83 RIVERSTONE	177	102	279
94 KELLYVILLE	59	157	216

TOTAL 1988 3801 5789

REPORTED RESPONSES
Fires Other Total

ZONE 2

STATION NO.

32 MOUNT DRUITT	733	440	1173
41 SMITHFIELD	337	427	764
49 CABRAMATTA	451	452	903
55 GUILDFORD	313	680	993
57 WENTWORTHVILLE	207	426	633
*63 BLACKTOWN	695	673	1368
72 MERRYLANDS	240	310	550
73 FAIRFIELD	353	654	1007
77 ST. MARYS	498	507	1005
78 DUNHEVED	340	194	534
#86 PENRITH	679	665	1344

TOTAL 4846 5428 10274

REPORTED RESPONSES

	Fires	Other	Total
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ZONE 3

STATION NO.

#216 BATHURST	75	175	250
226 BLACKHEATH	39	32	71
#227 BLAYNEY	13	33	46
#250 CANOWINDRA	13	22	35
#270 COWRA	34	72	106
301 GLENBROOK	156	141	297
#342 KANDOS	8	9	17
#343 KATOOMBA	89	270	359
359 LAWSON	61	78	139
361 LEURA	51	233	284
#363 LITHGOW	73	103	176
364 LITTLETON	41	67	108
#380 MOLONG	12	13	25
386 MT.VICTORIA	18	28	46
#411 OBERON	5	8	13
#412 ORANGE	162	313	475
423 PORTLAND	8	7	15
#445 SPRINGWOOD	148	200	348
483 WALLERAWANG	20	11	31
489 WARRAGAMBA	26	26	52
495 WENTWORTH FALLS	32	100	132
TOTAL	1084	1941	3025

STATION NO.	REPORTED RESPONSES		
	Fires	Other	Total

ZONE 4

STATION NO.

#233 BOURKE	24	30	54
#244 BREWARRINA	12	21	33
#256 COBAR	9	13	22
#259 CONDOBOLIN	25	40	65
#265 COONAMBLE	18	17	35
#280 DUBBO	150	308	458
284 DELROY	86	195	281
#294 FORBES	29	26	55
#300 GILGANDRA	19	14	33
#308 GRENFELL	16	8	24
#312 GULGONG	8	15	23
#355 LAKE CARGELLIGO	7	3	10
#367 LIGHTNING RIDGE	23	15	38
#387 MUDGEE	41	46	87
#401 NARROMINE	14	11	25
#406 NYNGAN	20	12	32
#417 PARKES	32	60	92
#419 PEAK HILL	12	15	27
*465 TRANGIE	12	11	23
#482 WALGETT	31	16	47
#491 WARREN	18	26	44
#493 WELLINGTON	28	14	42
#499 WEST WYALONG	35	14	49

TOTAL	669	930	1599
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REPORTED RESPONSES

	Fires	Other	Total
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ZONE 5

STATION NO.

#205 ARMIDALE	148	169	317
#215 BARRABA	7	8	15
#225 BINGARA	2	2	4
#229 BOGGABRI	5	15	20
#261 COOLAH	2	4	6
#264 COONABARABRAN	17	25	42
#281 DUNEDOO	2	2	4
#302 GLEN INNES	68	92	160
#314 GUNNEDAH	36	57	93
#315 GUYRA	16	18	34
#331 INVERELL	88	96	184
#375 MANILLA	9	8	17
#381 MOREE	239	152	391
#399 NARRABRI	50	26	76
#429 QUIRINDI	5	8	13
#452 TAMWORTH	78	301	379
#457 TENTERFIELD	21	30	51
*475 URALLA	35	16	51
#481 WALCHA	4	13	17
#487 WARIALDA	6	6	12
#496 WERRIS CREEK	3	7	10
#506 WEE WAA	12	15	27
508 WEST TAMWORTH	58	153	211

TOTAL	911	1223	2134
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SENIOR OFFICERS	214	41	255
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NORTHWEST TOTAL	9712	13364	23076
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REPORTED RESPONSES
Fires Other Total

NORTH

ZONE 1

STATION NO.

6 MONA VALE	107	227	334
24 MANLY	169	496	665
25 MOSMAN	106	280	386
*36 CROWS NEST	236	1222	1458
51 FORESTVILLE	125	327	452
53 NEUTRAL BAY	159	781	940
60 AVALON	79	118	197
*68 NARRABEEN	131	328	459
69 DEE WHY	231	651	882
TOTAL	1343	4430	5773

REPORTED RESPONSES
Fires Other Total

ZONE 2

STATION NO.

23 GLADESVILLE	153	703	856
37 GORDON	204	556	760
40 WILLOUGHBY	140	608	748
42 RYDE	200	915	1115
50 HORNSBY	275	607	882
58 BEECROFT	195	437	632
*59 EASTWOOD	212	629	841
61 LANE COVE	152	897	1049
*75 BEROWRA	74	163	237
TOTAL	1605	5515	7120

REPORTED RESPONSES

	Fires	Other	Total
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ZONE 3

STATION NO.

#222 BELMONT	195	93	288
231 BOOLAROO	85	65	150
#245 BUDGEWOI	46	44	90
251 CARDIFF	267	144	411
252 CARRINGTON	40	105	145
255 CHARLESTOWN	248	151	399
260 COOKS HILL (NEWCASTLE)	223	404	627
287 ETTALONG	120	111	231
#304 GOSFORD	208	317	525
320 HAMILTON	156	371	527
351 KILLARNEY VALE	128	127	255
357 LAMBTON	71	84	155
376 MEREWETHER	46	45	91
383 MORISSET	86	72	158
404 NEW LAMBTON	64	182	246
446 STOCKTON	58	102	160
447 SWANSEA	87	45	132
450 SARATOGA	153	102	255
454 TARRO	86	93	179
458 TERALBA	119	123	242
459 TERRIGAL	89	93	182
460 THE ENTRANCE	132	97	229
462 TIGHES HILL	96	297	393
464 TORONTO	136	123	259
470 TOUKLEY	72	85	157
484 WALLSEND	165	100	265
485 WANGI WANGI	73	51	124
486 WARATAH	156	341	497
498 WEST WALLSEND	96	31	127
500 WINDALE	221	104	325
504 WOY WOY	135	91	226
505 WYONG	53	105	158
509 WYOMING	205	208	413

TOTAL

4115	4506	8621
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REPORTED RESPONSES

Fires	Other	Total
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ZONE 4

STATION NO.

202 ABERMAIN	57	22	79
208 ABERDEEN	30	17	47
220 BELLBIRD	56	39	95
*237 BRANXTON GRETA	21	29	50
254 CESSNOCK	163	122	285
283 DENMAN	9	8	17
344 KEARSLEY	68	59	127
349 KURRI KURRI	90	75	165
373 EAST MAITLAND	118	91	209
#374 MAITLAND	124	162	286
382 MORPETH	47	24	71
#390 MURRURUNDI	15	18	33
#392 MUSWELLBROOK	50	71	121
#393 MERRIWA	5	4	9
*402 NELSON BAY	45	84	129
418 PAXTON	53	7	60
#432 RAYMOND TERRACE	46	42	88
443 SCONE	16	16	32
#444 SINGLETON	65	185	250
455 TELERAH	63	129	192
497 WESTON	92	40	132
TOTAL	1233	1244	2477

TABLE 15

REPORTED RESPONSES

Fires Other Total

ZONE 5

STATION NO.

#221 BELLINGEN	12	25	37
#235 BOWRAVILLE	8	1	9
#257 COFFS HARBOUR	142	209	351
#279 DORRIGO	18	8	26
#282 DUNGOG	18	26	44
*295 FORSTER	61	65	126
#303 GLOUCESTER	5	7	12
#345 KEMPSEY	124	84	208
*358 LAURIETON	53	33	86
#371 MACKSVILLE	36	41	77
#397 NAMBUCCA HEADS	29	18	47
#424 PORT MACQUARIE	145	155	300
#441 SAWTELL	47	22	69
#449 SOUTH WEST ROCKS	26	27	53
#453 TAREE	107	123	230
*471 TEA GARDENS	15	16	31
#476 URUNGA	16	18	34
*492 WAUCHOPE	39	58	97
#502 WINGHAM	12	42	54
*507 WOOLGOOLGA	38	29	67

TOTAL

951 1007 1958

	REPORTED RESPONSES		
	Fires	Other	Total
ZONE 6			
STATION NOS.			
#204 ALSTONVILLE	20	12	32
#211 BALLINA	59	89	148
#213 BANGALOW	10	3	13
#240 BRUNSWICK HEADS	22	9	31
#243 BYRON BAY	30	32	62
#253 CASINO	65	29	94
#267 CORAKI	13	12	25
#288 EVANS HEAD	10	3	13
#306 GRAFTON	37	92	129
#307 SOUTH GRAFTON	40	44	84
316 GOONELLABAH	50	93	143
347 KINGSCLIFFE	50	47	97
#350 KYOGLE	25	6	31
*362 LISMORE	82	165	247
#372 MACLEAN	7	11	18
#388 MULLUMBIMBY	10	26	36
#391 MURWILLUMBAH	29	73	102
#68 TWEED HEADS	68	138	206
#510 YAMBA	16	1	17
514 TWEED RIVER	64	123	187
TOTAL	707	1008	1715
SENIOR OFFICERS	239	48	287
NORTH TOTAL	10193	17758	27951
OTHER SENIOR OFFICERS	10	9	19
SPECIALIST RESPONSE	702	171	873
TOTALS	36089	63981	100070

Definitions:

PRIMARY RESPONSE - Refers to a response by the station which submits the fire incident report form. More than one station usually attends an incident. However, only one station submits the fire incident report form. The total of primary responses equals to the total number of incidents.

(1)RESPONSE - The turn-out of every station or unit to an incident. Whereas primary response refers only to when a station attends an incident and is responsible for reporting it, response refers whenever a station responds or turns out to an incident. As at least two stations usually respond to an incident, about twice as many responses as primary responses are recorded.

Note: Table 14 refers to "response" as given in this definition.

TABLE 15

Strategic Information Base: NSW Fire Brigades Input-Output-Outcomes Analysis:1987-1992

Introduction:

The following tables are extracted from information supplied to the NSW Government Strategic Information Base. (please note that not all tables are included).

An overview of the key features:

Table NSWFB1	On average the total expenditure has declined by 7% over the last six years in real terms.
Table NSWFB3	The total staffing level remained reasonably static relative to the population in recent years.
Table NSWFB4	During 1987 to 1989 the total expenditure per officer continued to rise and at the same time the total incidents also rose significantly. However, since 1989 a declining trend in the expenditure with an upward trend in incidents suggest a general productivity improvement.
Table NSWFB4	The New South Wales community now spends less per head of population on the NSW Fire Brigades than it did six years ago.
Table NSWFB4	There has been a significant reduction in staff recruitment over the past six years.
Table NSWFB8	In real terms the brigades total payroll cost declined by 12% in 1992 compared with 1987.
Table NSWFB8	There has been a consistent reduction on overtime payments as % of total payroll over the past six years. (2.6% in 1992 against 9.7% in 1987). One major contributory factor is brigades continued improvement in the review and monitoring of strategic planning.

Table NSWFB10	In Sydney and Newcastle there was a deteriorating trend in the brigades success in attending fires within seven minutes of calls until last year (Sydney 77.7% in 1991 compared with 82.4% in 1987 and Newcastle 54.9% in 1991 compared with 67.2% in 1987). However, this year, an improvement of 20% occurred in Newcastle with minor improvements in Sydney and Wollongong.
Table NSWFB12	All fires per 100,000 population were 14% up in 1992 compared with 1987.
Table NSWFB12	Fires reported as being of Incendiary or Suspicious origin fires per 100,000 population in 1992 were 68% higher compared with 1987. (Note: this reflects in part on the greater emphasis on accurate identification of fire cause).
Table NSWFB12	There has been a significant improvement in containing the spread of fire within the object of origin over the past six years (37% in 1992 compared with 28% in 1987).
Table NSWFB17	Civilian injuries due to chemicals and hazardous incidents per 100,000 population in 1992 declined significantly compared to 1987 (79% reduction from 9.8% in 1987 to 2.01% in 1992).
Table NSWFB18	Dollar loss per person in the New South Wales remained reasonably static for the past six years in real terms.
Table NSWFB18	Brigade attendance at incidents involving civilian injuries from accidental entrapment incidents per 100,000 population declined significantly since 1989. (18.8% in 1992 compared with 38.5% in 1989). This reflects the rationalisation of rescue responsibility among emergency organisations and does not represent an overall decline in the frequency of incidents.

Strategic Information Base: NSW Fire Brigades Input-Output-Outcomes Analysis: 1987-1992

TABLE-NSWFB1

INPUTS

YEAR ENDING DECEMBER

		1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
EXPENDITURE							
<u>(ACTUAL DOLLARS)</u>							
OPERATING (\$M)	:	139	153	173	165	169	177*
CAPITAL (\$M)	:	6	6	12	8	8	4*
TOTAL (\$M)	:	145	159	185	173	177	181
EXPENDITURE							
<u>(CONSTANT 91/92 DOLLARS)</u>							
OPERATING (\$M)	:	187	191	200	176	172	177
CAPITAL (\$M)	:	8	7.5	14	8.5	8	4
TOTAL (\$M)	:	195	198.5	214	184.5	180	181

* Operating and Capital expenditures for 1991/92 fiscal year are unaudited figures as at 18 September 1992.

STRATEGIC INFORMATION BASE: NSW FIRE BRIGADES

INPUT-OUTPUT-OUTCOMES ANALYSIS: 1987-1992

TABLE-NSWFB2

INPUTS

YEAR ENDING DECEMBER

	1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
<u>HUMAN RESOURCES</u>						
Actual Strength (UNIFORMED)						
- Permanent :	2683	2695	2714	2733	2733	2681
- Volunteer :	3128	3102	3081	3080	3151	3111
-TOTAL (Uniformed) :	5811	5797	5795	5813	5884	5792
Actual Strength (GENERAL/TECHNICAL) :	257	246	239	262	237	251
TOTAL STRENGTH (ALL OFFICERS) :	6068	6043	6034	6075	6121	6043

TABLE-NSWFB3

		INPUTS					
		YEAR ENDING DECEMBER					
		1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
HUMAN RESOURCES							
<u>(CONTINUED)</u>							
Uniformed Officers as % of Total Staff	:	96	96	96	96	96	96
General/Technical Officers as % of Total Staff	:	4	4	4	4	4	4
Estimated Resident Population of NSW (in millions)	:	5.6	5.7	5.7	5.8	5.9	5.9
All Officers/ 100,000 Population	:	108	106	106	105	104	102
Operating Expenditure/ Officer: (Actual\$)	:	22907	25319	28671	27160	27610	29290
(Constant \$)	:	30817	31607	33146	28971	28100	29290

INPUT-OUTPUT-OUTCOMES ANALYSIS:1987-1992

TABLE-NSWFB9

OUTPUTS

YEAR ENDING DECEMBER

		1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
TOTAL PRIMARY INCIDENTS	:	62942	68777	72967	74522	81511	74534
-Greater Sydney Area	:	43349	45495	47527	49297	53797	49192
-Outside Greater Sydney Area	:	19593	23282	25440	25225	27714	25342
TYPE OF PRIMARY INCIDENTS							
Fire/Explosions	:	23780	24017	25105	27088	33546	27832
Rescue Operations	:	2069	2659	3095	2007	1949	2051
Hazardous Conditions	:	5760	6652	8047	7864	7948	7115
Service/Salvage	:	1230	1293	1590	2224	2483	2625
False Calls	:	14981	16344	17183	16735	17171	16971
System Malfunctions	:	10611	12749	12995	13141	12498	12489
Good Intent Calls	:	4046	4483	4577	5130	5654	5256
Other	:	465	580	375	333	262	195
TOTAL	:	62942	68777	72967	74522	81511	74534

TABLE-NSWFB10

OUTPUTS

YEAR ENDING DECEMBER

	1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
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RESPONSE

% of incidents to
arrive within 7 minutes
of notification:

All Incidents:

- Sydney	:	85.6	85.5	84.7	82.4	83.2	83.3
- Newcastle	:	76.5	73.6	72.4	67.9	63.8	74.5
- Wollongong	:	70.1	71.1	75.1	71.0	68.7	69.2

All Fires:

- Sydney	:	82.4	81.6	80.7	78.2	77.7	79.2
- Newcastle	:	67.2	61.2	62.5	60.2	54.9	66.2
- Wollongong	:	67.0	68.4	70.9	65.9	63.6	65.5

% of structure fires
controlled within 10
minutes of arrival

:	29.2	29.3	29.3	28.7	27.1	27.6
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Table -NSWFB11

INPUT-OUTPUT-OUTCOMES ANALYSIS:1987-1991TABLE-NSWFB12OUTCOMES

YEAR ENDING DECEMBER

		1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
	FIRE PREVENTION						
* Fires/100,000 Population	:	427	429	437	468	572	486
* Structure Fires/ 100,000 Population	:	104	105	110	113	115	116
* Incendiary and Suspicious Fires/ 100,000 Population	:	57	63	69	89	116	96
* Automatic Fire Alarms False Calls/ 100,000 Population	:	258	306	314	318	301	299
* Malicious False Calls/ 100,000 Population	:	127	133	131	119	126	119
	<u>FIRE SUPPRESSION</u>						
* % of Structure Fires in which spread of fire was confined to:							
- Object of Origin	:	28	36	35	38	37	37
- Room of Origin	:	32	32	33	34	33	32

TABLE-NSWFB17

YEAR ENDING DECEMBER

Type and Disposition of Fire Appliances

		1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
PROTECTING AND SAVING LIFE AND PROPERTY							
* Civilian deaths from Fires/100,000 Population :		0.97	1.01	1.27	0.55	0.75	1.00
* Civilian deaths/ 100 fires :		0.23	0.24	0.29	0.12	0.13	0.20
* Civilian deaths due to Chemicals and Hazardous Incidents/ 100,000 Population :		0.74	0.99	0.94	0.91	1.07	0.52
* Civilian Injuries from Fires/100,000 Population :		7.76	6.77	8.85	8.12	7.95	8.24
* Civilian Injuries/ 100 fires :		1.8	1.6	2.0	1.7	1.4	1.70
* Civilian Injuries due to Chemicals and Hazardous Incidents/ 100,000 Population :		9.8	12.5	16.6	11.1	10.9	2.01
* Firefighter Fatalities/ 100 Fires :		0	0	0	0	0	0

INPUT-OUTPUT-OUTCOMES ANALYSIS:1987-1992

TABLE-NSWFB18

		1987	1988	1989	1990	JULY 90/ JUNE 91	JULY 91/ JUNE 92
RESCUE OPERATIONS							
* Firefighter Injuries/ 100 Fires	:	0.4	0.6	0.3	0.2	0.2	0.2
++* Actual \$ loss/capita	:	29	33	32	36	40	42
* Constant \$ loss/capita	:	39	41	37	38	41	42
RESCUE OPERATIONS							
* Civilian Deaths from Accidental Entrapment Incidents/100,000 Population	:	3.9	4.9	6.2	2.9	2.7	2.6
* Civilian Injuries from Accidental Entrapment Incidents/100,000 Population	:	32.8	36.5	38.5	23.9	20.6	18.8

++ Actual \$ loss per capital based on mid-point of dollar damage range values.

TABLE 16

Type and Disposition of Fire Appliances

MAKE & SERIES	YEAR(S) COMMISS- IONED	TOTAL NO.	SYDNEY FIRE DISTRICT			OTHER FIRE DISTRICTS			TRAINING	MEF (e)	OTHER
			1ST CALL	2ND CALL	SERVICE EXCHANGE	1ST CALL	2ND CALL	SERVICE EXCHANGE			
<u>PUMPING APPLIANCES</u>											
BEDFORD	1959/64	4	-	-	-	-	-	-	-	-	4 (a)
FORD D200	1968/69	3	1	-	-	1	-	-	-	1	-
DENNIS JAGUAR	1969/72	63	-	-	-	10	3	42	1	7	-
INTERNA- TIONA C1600	1973	3	-	-	-	-	-	-	-	3	-
1610A	1974/75	30	-	-	-	25	1	2	-	-	2 (g)
1710A	1976/78	53	-	-	-	44	-	6	-	-	1 (g) 2 (c)
1710B	1979/82	67	-	-	-	62	2	3	-	-	-
6109A 4x4	1980	2	-	-	-	2	-	-	-	-	-
1710C	1983	1	-	-	1	-	-	-	-	-	-
1710C	1983	49	-	-	-	44	1	-	2	-	2 (g)
1810C	1984/86	93	39	1	16	33	-	2	1	-	1 (g)
1810D	1986	17	12	-	2	3	-	-	-	-	-

MAKE & SERIES	YEAR(S) COMMISS- IONED	TOTAL NO.	SYDNEY FIRE DISTRICT			OTHER FIRE DISTRICTS			TRAINING	MEF (e)	OTHER
			1ST CALL	2ND CALL	SERVICE EXCHANGE	1ST CALL	2ND CALL	SERVICE EXCHANGE			
<u>PUMPING APPLIANCES CONT.</u>											
1950C	1982/86	5	4	-	-	1	-	-	-	-	-
1950C 4x4	1984	1	-	-	-	1	-	-	-	-	-
1810C GILMAT/F	1987	8	7	-	1	-	-	-	-	-	-
M.BENZ	1988/90	2	-	-	-	2	-	-	-	-	-
M.BENZ GILMAT/F	1990	1	-	-	-	1	-	-	-	-	-
SCANIA	1988/90	14	13	-	-	-	-	-	-	-	1 (b)
VOLVO	1988/90	3	2	-	-	1	-	-	-	-	-
INT 2250D	1990	2	2	-	-	-	-	-	-	-	-
MITSU- BISHI	1990	1	-	-	-	-	-	-	1	-	-
SUB TOTAL		422	80	1	20	230	7	55	5	11	13

Table and Disposition of Fire Appliances

MAKE & SERIES	YEAR(S) COMMISS- IONED	TOTAL NO.	SYDNEY FIRE DISTRICT			OTHER FIRE DISTRICTS			TRAINING	MEF (e)	OTHER
			1ST CALL	2ND CALL	SERVICE EXCHANGE	1ST CALL	2ND CALL	SERVICE EXCHANGE			
<u>AERIAL APPLIANCES</u>											
TELE- SQUART	1975	3	-	-	2	-	-	-	-	-	1 (g)
TELE- SQUART	1985/87	3	2	-	-	1	-	-	-	-	-
SKYJET	1979/84	10	4	-	2	3	-	-	-	-	1 (f)
SKYJET KEN- WORTH	1990	2	1	-	-	1	-	-	-	-	-
SNORKEL	1975/85	6	4	-	1	-	-	-	1	-	-
T/T LADDERS	Various	5	3	-	1	1	-	-	-	-	-
BRONTO S'LIFTER	1988/92	2	2	-	-	-	-	-	-	-	-
SUB		31	16	-	6	6	-	-	1	-	2

TOTAL

MAKE & SERIES	YEAR(S) COMMISSIONED	TOTAL NO.	SYDNEY FIRE DISTRICT			OTHER FIRE DISTRICTS			TRAINING	MEF (e)	OTHER
			1ST CALL	2ND CALL	SERVICE EXCHANGE	1ST CALL	2ND CALL	SERVICE EXCHANGE			
<u>SPECIAL APPLIANCES</u>											
CO2 THAMES	1966	1	-	-	1	-	-	-	-	-	-
CO2 INTER.	1984	1	1	-	-	-	-	-	-	-	-
CANTEEN TRAILERS	1984	4	2	-	-	2	-	-	-	-	-
B/A TENDERS	Various	4	2	-	-	2	-	-	-	-	-
HAZMAT VEHICLES	1984	1	1	-	-	-	-	-	-	-	-
LIGHTING VEHICLE	1982	1	1	-	-	-	-	-	-	-	-
FIRE C'MAND	1985/88	2	2	-	-	-	-	-	-	-	-
ALL TERRAIN VEHICLE	1983/88	2	-	-	-	1	1	-	-	-	-
FOAM TRAILER	1985	1	1	-	-	-	-	-	-	-	-
SKIDOO	1986	10	-	-	-	10	-	-	-	-	-

MAKE & SERIES	YEAR(S) COMMISS- IONED	TOTAL NO.	SYDNEY FIRE DISTRICT			OTHER FIRE DISTRICTS			TRAINING	MEF (e)	OTHER
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1ST CALL	2ND CALL	SERVICE EXCHANGE	1ST CALL	2ND CALL	SERVICE EXCHANGE
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SPECIAL APPLIANCES CONT.

BULK WATER TRAILER	1988	1	-	-	-	-	-	-	-	-	1 (d)
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COACH	1986	1	-	-	-	-	-	-	-	-	1
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HEARSE		1	-	-	-	-	-	-	-	-	1
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SUB TOTAL		30	10	-	1	15	-	1	-	-	3
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SALVAGE MOTORS

ALBION	1973	1	-	-	-	-	-	1	-	-	-
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INTER	1975/88	13	8	-	2	2	-	-	-	-	1 (f)
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ISUZU	1992	1	1	-	-	-	-	-	-	-	-
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SUB TOTAL		15	9	-	2	2	-	1	-	-	1
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MAKE & SERIES	YEAR(S) COMMISSIONED	TOTAL NO.	SYDNEY FIRE DISTRICT			OTHER FIRE DISTRICTS			TRAINING	MEF (e)	OTHER
			1ST CALL	2ND CALL	SERVICE EXCHANGE	1ST CALL	2ND CALL	SERVICE EXCHANGE			
<u>COMPOSITES</u>											
ISUZU	1988/89	20	-	-	-	20	-	-	-	-	-
SUB TOTAL		20	-	-	-	20	-	-	-	-	-
<u>WATER TANKERS</u>											
INTER 6x6	1978	1	-	-	-	1	-	-	-	-	-
BEDFORD 4x2	1980	1	-	-	-	1	-	-	-	-	-
BEDFORD 4x4	1967/82	28	-	-	2	23	1	2	-	-	-
MERC. 4x4	1984/86	19	9	-	1	9	-	-	-	-	-
SUB TOTAL		49	9	-	3	34	1	2	-	-	-

NOTES:

- (a) Two units RAS; two units Demonstration
- (b) Unit decommissioned (accident)
- (c) Demonstration Pumps
- (d) Unit at Museum in storage
- (e) MEF - Major Emergency Fleet, however 8 vehicles over 20 years old; 3 vehicles of 19 years old
- (f) Unit taken out of service due to rust problems
- (g) Unit undergoing repair before reallocation

TABLE 17

Incendiary and Suspicious Fires by Local Government Area- July 1991 - June 1992

LOCAL GOVERNMENT AREA	STRUCTURE FIRE	OUTSIDE STRUCTURE	VEHICLE FIRE	BUSH/ GRASS	RUBBISH FIRE	OTHER FIRES	TOTAL FIRES
Leichhardt	7	3	30	3	7	-	50
Marrickville	29	13	122	22	71	-	257
Randwick	10	2	34	21	12	-	79
Sydney	58	7	66	16	48	-	195
Waverley	9	2	5	-	6	-	22
Woollahra	3	5	13	-	5	-	26
Ashfield	7	2	19	4	5	-	37
Burwood	8	1	6	1	2	-	18
Concord	9	-	13	2	7	-	31
Drummoyne	2	-	8	1	2	-	13
Strathfield	7	1	14	-	4	-	26
Bankstown	25	7	94	59	20	-	205
Botany	5	2	18	16	12	1	54
Canterbury	19	4	96	14	28	-	161
Hurstville	9	3	18	10	16	-	56
Kogarah	11	2	21	15	15	-	64
Rockdale	6	5	37	7	19	-	74
Sutherland	20	12	35	66	43	-	176
Camden	6	-	7	2	4	-	19
Campbelltown	46	17	147	53	70	-	333
Liverpool	34	6	101	46	53	1	241
Wollondilly	3	-	5	2	3	-	13
Auburn	14	6	43	11	17	-	91
Baulkham Hills	9	9	13	12	12	-	55
Blacktown	61	24	177	53	83	1	399
Blue Mountains	15	2	17	56	28	2	120
Hawkesbury	4	-	1	-	1	-	6
Fairfield	32	6	132	22	30	-	222
Holroyd	22	4	26	11	16	-	79
Parramatta	38	11	76	21	46	-	192
Penrith	32	9	83	17	43	1	185
Hornsby	11	17	10	23	19	-	80
Hunters Hill	1	-	6	1	3	-	11

MAKE & YEAR	SERIES	THAMES	TOTAL	STONY FIVE DISTRICT	OTHER FIVE DISTRICTS	THAMES	NEP IN	OTHER
MODEL	COMMISSIONED	NO.						
Ku-ring-gai		4	5	5	6	9	1	30
Lane Cove		7	-	3	4	3	-	17
Manly		9	2	3	6	6	-	26
Mosman		2	1	1	-	1	-	5
North Sydney		10	6	6	3	4	1	30
Ryde		7	6	12	6	14	-	45
Warringah		10	6	23	10	11	-	60
Willoughby		9	1	7	3	4	-	24
Gosford		19	8	9	47	17	-	100
Wyong		9	6	5	1	4	-	25
Newcastle		34	12	19	12	35	-	112
Wollongong		37	7	53	25	48	-	170
Shoalhaven		5	5	6	74	10	-	100
REST OF STATE		184	59	139	612	176	5	1175
TOTALS		918	306	1784	1396	1092	13	5509

July 1991 - June 1992

Incidents and Submissions Filed by Local Government Area

TABLE 18

Incendiary and Suspicious Fires by Month of Occurrence July 1991 To June 1992

TYPE OF FIRE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
FIRE, EXPLOSION													
Structure fire	77	90	92	91	60	75	70	55	64	66	85	93	918
Outside of a structure fire	20	33	35	37	28	27	19	19	18	21	21	28	306
Vehicle fire	170	180	171	164	157	135	153	152	125	108	135	134	1784
Trees, bush, grass fire	61	269	250	199	179	110	71	32	54	45	47	79	1396
Rubbish fire	66	85	117	109	121	84	83	66	81	84	90	106	1092
Fire, explosion no after fire	-	-	1	-	-	-	1	1	1	1	-	-	5
Outside spill, leak with ensuing fire	-	1	1	-	3	-	-	1	-	1	-	1	8
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TOTALS	394	658	667	600	548	431	397	326	343	326	378	441	5509

TABLE 19

Time of Day by Type of Fire - July 1991 To June 1992

TIME	STRUCTURE FIRE	OUTSIDE STRUCTURE	VEHICLE FIRE	BUSH/ GRASS	RUBBISH FIRE	OTHER FIRES	TOTAL FIRES
0	230	54	246	234	274	-	1038
1	215	64	224	194	222	3	922
2	184	55	218	119	186	3	765
3	179	75	171	95	144	1	665
4	114	46	154	58	101	1	474
5	109	23	102	38	70	1	343
6	120	29	68	64	60	1	342
7	175	12	52	90	81	3	413
8	223	29	86	152	108	5	603
9	245	21	92	232	118	4	712
10	292	21	96	357	158	11	935
11	292	31	102	579	173	9	1186
12	293	42	129	726	164	7	1361
13	319	45	114	799	200	13	1490
14	321	53	118	960	208	11	1671
15	334	50	139	1065	253	11	1852
16	388	51	143	1072	294	11	1959
17	454	51	150	1077	350	13	2095
18	489	61	146	773	315	9	1793
19	439	53	168	582	312	9	1563
20	372	67	245	562	324	9	1579
21	330	82	259	471	349	11	1502
22	278	80	309	347	300	8	1322
23	276	86	309	280	294	2	1247
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TOTALS	6671	1181	3840	10926	5058	156	27832

ANNEX A

Freedom of Information

The Department continues to further the spirit as well as the letter of the Freedom of Information Act.

The following table shows the outcome of applications made to the Department in the past two years.

	<u>1991/92</u>	<u>1990/91</u>
Applications Received:	1 personal 3 business	4 personal 1 business
Results of requests: (completed)	3 granted in full	4 granted in full 1 personal application withdrawn
Internal Appeals:	nil	nil
Results of Internal Appeals:	nil	nil

The following statistical details are provided to allow for comparison of FOI activity across Departments.

SECTION A

Numbers of new FOI requests - Information relating to numbers of new FOI requests received, those processed and those from the previous period.

FOI requests	Personal	Other	Total
A1 New (including transferred in)	One	Three	Four
A2 Brought Forward	-	-	-
A3 Total to be processed	One	Three	Four
A4 Completed	One	Two	Three
A5 Transferred Out	-	-	-
A6 Withdrawn	-	-	-
A7 Total Processed	One	Two	Three
A8 Unfinished (carried forward)	-	One	One

SECTION B

What happened to the completed requests? (Completed requests are those on Line A4).

Result of FOI Requests	Personal	Other	Total
B1 Granted in full	One	Two	Three
B2 Granted in part	-	-	-
B3 Refused	-	-	-
B4 Deferred	-	-	-
B5 Completed*	One	Two	Three

*Note: The figures on line B5 should be the same as the corresponding ones on A4.

SECTION C

Ministerial Certificates - Number issued during the period.

C1 Ministerial Certificates issued Nil

SECTION D

Formal Consultations - Numbers of request completed during the period which required a FORMAL consultation(s).

D1 Number of requests requiring formal consultation(s) Nil

SECTION E

Amendment of personal records - number of requests for amendment processed during the period.

Result of Amendment Requests	Total
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E1 Result of Amendment - agreed	Nil
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E2 Result of Amendment - refused	
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E3 Total	Nil
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SECTION H

Costs and fees of requests processed during the period (i.e. those included in lines A4, A5 and A6)

	Assessed Costs	FOI Fees Received
H1 All completed requests	\$120	\$112.30

SECTION I

Discounts allowed - numbers of FOI requests processed during the period where discounts were allowed. No discounts were allowed in 1990/91.

SECTION J

Day to process - Number of completed requests (A4) by calendar days (elapsed time) taken to process.

Elapsed Time	Personal	Other
J1 0 - 30 days		Two
J2 31 - 45 days	One	
J3 Over 45 days		
J4 Totals	One	Two

SECTION K

Processing time - Number of completed requests (A4) by hours taken to process.

Processing Hours	Personal	Other
K1 0 - 10 hours	-	Two
K2 11 - 20 hours	One	-
K3 21 - 40 hours	-	-
K4 Over 40 hours	-	-
K5 Totals	One	Two

SECTION L

Review and Appeals - number finalised during the period - nil.

Details of Internal Review Results - in relation to internal reviews finalised during the period:

During 1991/92 there were no internal reviews.

In addition to the above, the Department's advice was sought relating to documents generated by it but held by another government body. Approval was given for the release of such documents.

In 1990/91, most of the requests received were of personal nature, i.e. access to personal files of records. However, in 1991/92, only one request of a personal nature was received. This is the result of the Department's commitment to the Act by amending policies on access to personal files.

ANNEX B

Guarantee of Service

Our vision is to save lives, property and the environment

Services Provided:

The New South Wales Fire Brigades provides the following services to the public:

- Go to calls of fire as quickly as possible in order to save life and property
- Responsibly burn off excess grass and scrub to reduce the effects of bushfire
- Educate the public about the dangers of fire to prevent loss to life and property
- Carry out building inspections for fire safety and provide advice on fire safety to builders
- Go to rescue calls for people trapped in cars, lifts, drains etc. and bring them to safety
- Go to chemical or dangerous substance spills or emergencies or emergencies to prevent harm to people, property and the environment

Our Guarantee:

In an emergency, (24 hours a day, 7 days per week,) -

- Within cities and towns, that form separate Fire Districts, the NSW Fire Brigades guarantees that our firefighters will give you help 90% of the time within eight minutes from the time of call. In remote areas, an 8 minute response will not always be achieved, however, we guarantee that help will be provided as fast as humanly possible in order to save life and property.

In Routine Matters - (during office hours)

In handling routine inquiries we guarantee the following:

- All staff will provide cheerful prompt service
- All calls will be returned same day
- All letters will be acknowledged or answered in one week
- All members of the public will be treated as valued customers whose needs are to be served cheerfully and promptly.

Cost of Services

In an emergency, the services of the NSW Fire Brigades are free. There are small charges for other services such as conducting courses of instruction and hiring resources for filming.

Income for the NSW Fire Brigades is provided by Insurance Companies (73.7%) Local Government Councils (12.3%) and the NSW Government (14%).

Expenditure was on operations (90%), training (3%), investigation and research (2%), management and administration (5%). Capital expenditure during the period was \$4.2m. Recurrent expenditure for the period 1991-92 was \$177m.

Quality of Service:

As part of our commitment to providing a quality service to the people of NSW, the NSW Fire Brigades have set the following targets:

- to respond quickly to all fires in order to reduce the dollar loss per fire to a figure equal to or less than the average for the previous year.
- by active fire prevention and education measures to reduce the number of fires within the local area (zone) to a figure less than the number that occurred last year.
- by a combination of education measures and rapid response, to reduce injuries and fatalities per 100 fires to 1.4 and 0.1 respectively.

Complaints:

If you are dissatisfied with the service of the NSW Fire Brigades please discuss it with the Officer-in-Charge of your local fire station. If you wish to discuss the matter further, please contact the Director-General, NSWFB, c/- P.O. Box A249, Sydney South NSW 2000 (phone 265-2999).

NSW FIRE BRIGADES

CODE OF CONDUCT



INTRODUCTION

NSW Government employees are required to maintain certain standards of conduct in order that the functions of government are carried out in an efficient, fair and impartial manner. Such standards of behaviour should ensure that the public sector acts, and is seen to act, with integrity.

It is the responsibility of each individual to observe the spirit and content of the Code of Conduct in carrying out their duties. Staff are to act in the public interest within the expressed or implied policies of the Government of the day.

HOW IS A NSW FIRE BRIGADES EMPLOYEE GUIDED

Although the Brigade General Regulations and the Public Sector Management Act, 1988 provide a degree of guidance in relation to behaviour, this is far from complete. The following information provides a guide to some of the ethical matters which may confront employees of the NSW Fire Brigades.

PRINCIPLES

The following are fundamental principles of behaviour that are applicable to the Brigades in all its activities:

Public Confidence

The public has the right to expect that public sector organisations are of the highest integrity and competence and will treat all citizens fairly, reasonably and equitably. Public confidence is a particular importance in relation to emergency services.

Responsibility to the Government of the Day

The Government of the day, democratically elected by the citizens of NSW, is entitled to expect public servants to provide impartial and accurate advice and to implement its policies promptly, efficiently and effectively.

Public Servants' Rights

Public servants have the normal rights of employees under common law and within the provisions of legislation.

CORRUPT CONDUCT

The Independent Commission Against Corruption Act sets out in broad terms the concept of corrupt conduct.

- # Dishonest or improper use of position by a public official including misuse of information or material acquired in the course of official duties (even if the information or material is misused when the person is no longer a public official). Also, conduct by anyone which might lead directly or indirectly to the dishonest or improper use of position by a public official.
- # Corrupt conduct includes conduct by anyone which might directly or indirectly interfere with the carrying out by a public official of his or her functions, where that conduct also involves any of a wide range of matters including for example, official misconduct, bribery or violence.

The following numbered paragraphs provide a summary of the kinds of matters that can give rise to allegations of corrupt conduct:

(1) Conflicts of Interest

Financial or other interests that could directly or indirectly compromise the performance of duties should be avoided. Conflicts may arise if there is a likelihood that possessing a particular interest could influence, or appear to influence, the performance of duties in relation to a particular matter.

The onus for notification of a potential conflict of interest lies with the officer in question and such matters should be raised with the supervisor with a view to taking action to rectify the situation.

Potential conflicts of interest include situations where friends or relatives may be, or appear to be advantaged in dealings with the Department as a result of a relationship with an employee of the Department.

(2) Acceptance of Gifts or Benefits

No public official should accept a gift or benefit if it is likely to cause the official to do his or her job in a particular way, or deviate from the proper course of duty.

Token gifts may be accepted in certain circumstances if approved by the Director-General. In general, gifts which may be seen as an inducement or reward which may place an official under obligation must be refused.

(3) Personal and Professional Behaviour

Department officers must perform their duties diligently, impartially, and conscientiously to the best of their abilities and must observe the following criteria:

- * Keep up to date with advances and changes in their area of expertise.
- * Comply with relevant legislative, industrial or administrative determinations and agreements (eg. on EEO, FOI, personnel practices, purchasing, engaging consultants).
- * Maintain adequate documentation to support any decisions taken.
- * Maintain sensitivity to the rights of the public fellow workers.
- * Provide all appropriate assistance to members of the public.
- * Seek to obtain value for public money spent and avoid waste and extravagance.
- * Do not take improper advantage of information gained in the course of employment.

Staff should give effect to the policies of the Brigades whether they approve of that policy or not. Should an extreme situation arise in which an officer finds the policy, or the steps contemplated to give effect to it, so at variance with their own views that he/she cannot conscientiously give effect to them, the officer should discuss the matter with a senior officer or the Director-General with a view to having the situation resolved.

Officers should not harass or discriminate in work practices on any basis whatsoever.

Fair and equitable behaviour is particularly important in the Department's role in providing emergency services. Any perception of biased provision of protection will dramatically erode public confidence. In addition the waste of resources which should properly be applied to firefighting and protection of lives and property could be seen as increasing the threat to life and property.

(4) Fairness and Equity

Department employees should deal with all functions consistently, promptly and fairly in accordance with approved procedures and without bias. All actions should be in accord with principles of natural justice and must consider all relevant facts and examine each case on its merits.

(5) Public Comment

While public servants, as members of the community, have the right to make public comment, there are some circumstances in which public comment is inappropriate:

- * Implying that the comment is in some way an official comment of the Government or the Department; or
- * Where the comment is sufficient to indicate that the officer is unwilling to implement or administer the policies of the Government of the day as they relate to his or her duties.

Information which is normally available to the public may be disclosed to members of the public seeking the information.

Official information or documents should not be disclosed unless required by law or when proper authority has been given. In such cases the disclosure should be limited to factual information.

Any queries that do not relate to your immediate area of responsibility should be referred to the Public Relations Section in the first instance which will direct the enquiry to the appropriate officer. A separate detailed policy on media comment will soon be issued.

(6) Use of Office Facilities and Equipment

It is expected that staff will be efficient and economical in the use and management of resources and not allow abuse of Brigade property and services. The nature and cost of much of the Brigades equipment and the requirement for such equipment in saving lives and property make the appropriate use of Brigade resources of particular importance. The efficient use of resources applies equally to all Departmental resources be they specialist firefighting appliances or photocopiers, for example.

(7) Outside Employment

Permanent employees of the Brigades have an obligation to give their public service employment first consideration and avoid any conflict of interest between external employment and Brigade duties. Where outside employment has the potential to affect an employee's performance at work, including the quality of overall performance and the extent of sick leave absences for example, the employee must consider whether the obligation to give public employment primary consideration is being met.

Members of Volunteer Fire Brigades are expected to carry out their duties in a diligent and professional manner when called upon and their attendances shall be in accordance with require-

ments laid down by the Department from time to time and notified in the Brigades In Orders.

Should a Volunteer Brigade member wish to undertake subcontract work to earn income for the Brigade, prior permission should be sought from the Director-General to ensure that such activities do not breach any legal or policy requirements which may apply.

(8) Political Participation

Participation in political matters should not conflict with the primary duty of staff to serve the Government of the day in a politically neutral manner.

Any potential conflict, real or apparent, should be immediately raised with the Director-General. If a conflict does arise, the officer may have to stop participating in the political activity or the officer may have to be withdrawn from areas giving rise to the conflict.

(9) Post Separation Employment

Former Brigade employees must not engage in activities which cast doubt on their integrity or that of the Brigades.

(10) Security

It is most important that staff take the utmost care in securing Brigade property against theft, damage or misuse to enable the Brigade to provide its core services.

(11) Reporting Corrupt Conduct

The Department has a policy on reporting corrupt conduct that is available to all staff and has been published in Brigade In-Orders (1990/24) and Orders for Administrative and Technical Staff (1990/17). All employees have an obligation to report any corrupt conduct.

(12) Conduct and Dress Regulations

The firefighting arm of the Brigades has strict dress and conduct regulations which must be adhered to in the interests of safety, rank, identification and discipline. These requirements, particularly those outlined in the General Regulations, must be adhered to by all staff.

Support staff should also be mindful of the reflection on themselves and the Department of good conduct and dress in dealings with the public.

SUPERVISORY RESPONSIBILITIES

Supervisors are responsible for ensuring the work of their staff is effective and efficient and that the goals of the organisation are being pursued. Supervisors are accountable for any unsatisfactory acts or omissions on the part of their staff where they are so serious, repeated or widespread that the supervisor should be aware of them and taking steps to correct them.

Supervisors have a responsibility to provide material and other support to staff to ensure an awareness of their tasks and responsibilities is communicated. This responsibility extends to ensuring all staff adhere to these requirements.

BREACHES OF THE CODE

Breaches of the Code of Conduct will be dealt with in accordance with procedures detailed in the General Regulations of the Fire Brigades Act, the Public Sector Management Act and relevant industrial awards. Depending on the nature of the breach sanctions may vary from counselling, to suspension, laying of criminal charges or taking civil action.

REVIEW

The Code of Conduct will be subject to six monthly reviews.

ANNEX D

Senior Executive Service Reporting

1 October 1991 - 30 September 1992

Number of CES/SES Positions

Level	Total CES/SES SES June 1992	Total CES/ June 1991
5	1	1
4	-	-
3	1	1
2	3	3
1	5	6
CEO under S.11A	-	-
Total	10	11

Note: Number of positions filled by women in the current year 0; previous year 0

SES Performance Statement (for Level 5 and above only)

NAME: P. B. RATH

POSITION AND LEVEL: Director-General - Level 5

PERIOD IN THE POSITION: 1 October 1991 to 30 September 1992

RESULTS:

Objective 1: Develop measures for fire prevention in New South Wales.

1.1 Review "operational" corporate strategies for implementation by Regional Commanders. Refine performance indicators, benchmarks, to improve overall Brigade operations.

OUTCOME -

SUBSTANTIAL ACHIEVEMENT

Objective 2: Combat fires in order to preserve life and property within Fire Districts within New South Wales, and in certain circumstances beyond Fire Districts.

2.1 Implement the first stage of the rationalisation of Brigade operational resources following acceptance of Standards of Fire Cover principles.

OUTCOME - SOME PROGRESS REPORTED

A response from the FBEU to an invitation to support the Standards is still awaited. Meanwhile, in line with the Standards, Stanmore Fire Station has been closed and work is proceeding towards relocation of Toongabbie and Cabramatta Stations, and a new fire station at Chester Hill which are part of the Standards of Fire Cover.

Objective 3: Combat hazardous materials incidents

3.1 Establish the Brigades' role as the primary combat agency for hazardous materials.

OUTCOME - IN PROCESS

Objective 4: To effect rescue where there is no immediate danger from fire

4.1 To ensure that staff attached to designated rescue stations are trained to S.R.E.S.B. standards.

OUTCOME - SUBSTANTIALLY COMPLETED

Objective 5: Investigate and report upon suspicious and deliberately lit fires.

5.1 Complete development of software to provide capability to recognise patterns in series of suspicious fires.

OUTCOME - IMPLEMENTED

Objective 6: Manage efficiently and effectively the Brigades' human materials and capital resources

6.1 Finalise the commercialisation of Chulora Mechanical Workshops

OUTCOME - IN PROGRESS

6.2 Complete the rationalisation of the use of the unleased portion of Chullora Workshops.

OUTCOME - SUBSTANTIALLY COMPLETE

6.3 Introduce financial and quality controls of activities under commercialisation of mechanical services.

OUTCOME - COMPLETE

6.4 Ensure that the original objective of reducing unit cost of servicing and repairing of appliances is achieved.

OUTCOME - IN HAND

A final economic analysis of the unit cost (under commercial management) of servicing and repairing appliances is in progress.

6.5 Finalise contracting out:

(a) Boots

OUTCOME - SUBSTANTIAL PROGRESS

Tenders for contracting out the supply of boots have been called. Their evaluation is in progress.

(b) Hose

OUTCOME - COMPLETED

(c) Transport

OUTCOME - OBJECTIVE CHANGED

Following analysis of costs and functions the aim of contracting out has been replaced by decisions to downsize transport unit and reduce capital investment.

6.6 Subject to approval, introduce the replacement cycle for -

(a) pumps

OUTCOME - COMPLETE

(b) specialist appliances

OUTCOME - UNDER REVIEW

Introduction of replacement cycle for specialist appliances is under review, review to be completed December 1992.

6.7 Complete the Tender phase of the AFA project, determine the likely outcome and probable implementation schedule.

OUTCOME - OBJECTIVE CHANGED

Following advice, it has been decided to licence AFA providers rather than tender. The timing will be dependent on legal issues raised by the Crown, probably early 1993.

6.8 Complete the establishment of -

(a) Brigade Headquarters at Hurstville

OUTCOME - IN PROGRESS

(b) The 4 Regional Headquarters

OUTCOME - COMPLETED

6.9 Introduce the Brigade Resources Information Management System (BRIMS) and progress Human Resources Management System to Tender stage.

OUTCOME - IN PROGRESS

Tender closed BRIMS (April) and HRS (June). Tender proposals being held pending clarification of funding.

6.10 Finalise award variations in line with agreed changes under Structural Efficiency Principles.

OUTCOME - SUBSTANTIALLY FINALISED

All agreed variations finalised with the exception of relieving/travelling compensation. FBEU withdrew from agreed provisions and Department filed for an award variation by arbitration - PEIRA intervened and in keeping with government policy prevented Department from seeking variation to an expired award (award became expired upon introduction of new industrial relations laws in March 1992). Parties still conferring with a view to an agreed outcome and an Enterprise Agreement.

6.11 Finalise arbitration of award provisions for Deputy Regional and Zone Commanders.

OUTCOME - AWAITING CONCILIATION COMMISSION DECISION

6.12 Agree on implementation plan for introduction of Price Waterhouse Urwick initiatives.

OUTCOME - COMPLETED

6.13 Finalise policy statement in relation to management of personnel who are unable to undertake the duties of their existing position whether by physical disability or other reasons.

OUTCOME - COMPLETED

6.14 Pursue structural reforms under the Wage Fixing Principles leading to improvements to productivity.

OUTCOME - REFORMS INTRODUCED BUT NEGOTIATIONS NOT FINALISED

Structural reforms under the Wage Fixing Principles have not been achieved. Department and FBEU engaged in extensive consultation during the latter part of 1991 and early 1992 with the object of agreeing on a package of reforms in exchange for a new rank and salaries structure - Union insisted on acceptance of its claim but declined to negotiate on reforms. Union application for a "Special Case" hearing on its claim by the Industrial Commission has not been pressed. A new award application was filed by FBEU on 8 September 1992 - Claim being examined with a view to preparing a briefing for Minister.

Nevertheless, Brigade management has introduced a number of productivity-enhancing reforms: the completion of the senior operational structure, the introduction of a Code of Conduct, the introduction of a new greater alarm response procedure, the implementation of a protocol to reduce absenteeism, improved merit selection procedures, the negotiation of a system of acting Senior Firefighters Qualified up in Station Officer positions, and the introduction of criteria for re-entry into the service above base rank.

6.15 Finalise the implementation of accrual accounting and the resultant implementations for determining funding allocations, Fire District Estimates and the requirements of the Fire Brigades Act.

OUTCOME - COMPLETED

6.16 Review the basis for valuing the Brigades' assets and determination of the relevant depreciation charge.

OUTCOME - IN PROGRESS

All depreciation charges for 1991/92 reflected existing cost/valuation basis and life expectancy parameters except where asset disposals gave a more definitive outcome. Therefore the depreciation charge of the period was compatible with existing Policy.

A full revaluation of Brigades' assets will be undertaken in either 1992/93 or 1993/94 when we receive advice from Treasury about changing the depreciation bases from cost to replacement value calculations.

6.17 Institute revised financial delegations as a result of regionalisation, as well as upgrading the accounting systems.

OUTCOME - NOT COMPLETED

Existing delegations have been adapted on an equivalent basis. A revised schedule of delegations has yet to be considered.

6.18 Pursue initiatives to further reduce sick leave. The target of reduction to be 4%.

OUTCOME - ACHIEVED

Sick leave of permanent brigade members during the year 1991/92 reduced by 11.29%.

Sick leave for other divisions during the year 1991/92 reduced by 19.39%.

Sick leave overall within the Department reduced by 11.75%.

6.19 Review the basis of the funding of Fire Brigades -

- . Council apportionment using land valuations;

- . financial year in lieu of calendar year assessments;

- . generation of "other" revenue and retention without loss from hypothecation;

- . funding of Capital Works Program

OUTCOME - NOT COMPLETED

No legislation changes have been forwarded to the Minister because he has been waiting on Cabinet discussion of amalgamation issues

which could affect the Insurance Industry contributions bases. In the meantime we have been collecting alternative suggestions and obtaining base data to model impacts.

Similarly, as it was unlikely that any legislation change would be effected prior to 1993 Fire District Estimates being determined, progressing Council apportionment became a lower priority.

Similarly, as the Minister has been involved in seeking changes to both the Capital Works and Recurrent Allocations for 1992/93, the legislation changes to clarify funding of capital works and retention of other income outside the hypothecation equation were not seen to be stand alone issues.

Council apportionment and financial year assessments should be progressed for 1993/94 financial year.

6.20 Review the Brigades' Interim Code of Conduct.

OUTCOME - COMPLETED

6.21 Review the system of appraisal of performance of SES personnel.

OUTCOME - COMPLETED

6.22 Review of regulations and by-laws, particularly having regard to regionalisation.

OUTCOME - COMPLETED

6.23 Implement system of appraisal of non-SES staff.

OUTCOME - IN PROGRESS

6.24 Complete administrative and legislative amendments to introduce charging for Fire Brigade services: incident reports, AFA monitoring and Hazmat clean-up.

OUTCOME - AWAITING ASSESSMENT

6.25 Implement system to recover fire service contributions from Commonwealth off-budget authorities.

OUTCOME - COMPLETED

6.26 Complete upgrade of the PABX communications system.

OUTCOME - SUBSTANTIALLY COMPLETE

6.27 Continue measures directed to the securing of new site for Headquarters Fire Station and disposal of existing site.

OUTCOME - MEASURES CONTINUING

N.S.W. Fire Brigades and Public Works Department continue to try to resolve planning issues with Sydney City Council and to investigate alternate sites.

ANNEX E

Access Details and Business Hours

Administration

Level 11
219-227 Elizabeth Street
SYDNEY NSW 2000
P O Box A249
Telephone:(02) 265 2999
Fax:(02) 265 2988
Business Hours: 9am-5pm

Fire Safety Division

Level 8
219-227 Elizabeth Street
SYDNEY NSW 2000
Telephone:(02) 265 2827
Fax:(02) 265 2987
Business Hours: 7.30am-5.30pm

Staff Training and Development Division

189 Wyndham Street
ALEXANDRIA NSW 2015
Telephone:(02) 318 4399
Fax:(02) 318 4388
Business Hours: 7.30am-4pm

State Communication Centre

Level 3
Training College Complex
189 Wyndham Street
ALEXANDRIA NSW 2015
Telephone:(02) 319 7000
Fax:(02) 318 4380
Business Hours: 24 hrs

Fire Investigations Unit

11 Spencer Street
FIVE DOCK NSW 2046
Telephone:(02) 745 3359
Fax:(02) 744 9726
Business Hours: 24 hrs

Breathing Apparatus/Hazmat

Amarina Avenue
CHULLORA NSW 2190
Telephone:(02) 742 7320
Fax:(02) 742 7387
Business Hours: 24 hrs

NSWFB Operational Support Unit

Amarina Avenue
CHULLORA NSW 2190
Telephone:(02) 742 7499
Fax:(02) 742 7488
Business Hours: 7.30am-6pm
Workshops: 7.15am-3.45pm
Communication Services: 7.30am-4pm

NSW Police Service and NSW Fire Brigades Logistics Support Unit

Units 1 & 2, Block N
Regents Park Estate
391 Park Road
REGENTS PARK NSW 2143
Telephone:(02) 645 9811
Fax:(02) 645.9800
Business Hours: 8.30am-4.30pm

Rescue/Bush Fire Section

Amarina Avenue
CHULLORA NSW 2190
Telephone:(02)742 7344
Fax:(02) 742 7380
Business Hours: 7.30am-4pm

Public Relations Section

10th Level
219-227 Elizabeth Street
SYDNEY NSW 2000
Telephone:(02) 265 2908
Fax:(02) 265 2981
Business Hours: 8.30am-5.30pm

Public Education Section

189 Wyndham Street
ALEXANDRIA NSW 2015
Telephone:(02) 318 4333
Fax:(02) 318 4381
Business Hours: 7.30am-4pm

Regional Office North

Crows Nest Fire Station

99 Shirley Road

CROWS NEST NSW 2065

Telephone:(02) 901 2400

Fax:(02) 901 2488

Business Hours: 7.30am-5pm

Also includes Office of Zones N1 and N2

Regional Office North West

Parramatta Fire Station

110-114 Wigram Street

PARRAMATTA NSW 2150

Telephone:(02) 895 4600

Fax:(02) 895 4688

Business Hours: 9am-5pm

Also includes Office of Zone NW1 and NW2

Regional Office South

Headquarters Fire Station

213 Castlereagh Street

SYDNEY NSW 2000

Telephone:(02) 265 2703

Fax:(02) 265 2788

Business Hours: 8.30am-5pm

Also includes office of Zone S1 and S2

Regional Commander South West

Amarina Avenue

CHULLORA NSW 2190

Telephone:(02) 742 7300

Fax:(02) 742 7388

Business Hours: 9am-5pm

Also includes office of Zone SW1 and SW2

Country Zone Commanders

Zone NW3

Zone Commander

Fire Station

17 Park Street

KATOOMBA NSW 2780

Telephone:(047) 82 2568

Fax:(047) 82 2476

Business Hours: 9am-4.30pm

Zone N4

Zone Commander

Fire Station

14 Church Street

MAITLAND NSW 2320

Telephone:(049) 33 6197

Fax:(049) 33 1501

Business Hours: 8.30am-4pm

Zone NW5

Zone Commander

103 Carthage Street

P O Box 1010

TAMWORTH NSW 2340

Telephone:(067) 66 5598

Fax:(067) 66 7629

Business Hours: 8am-4pm

Zone NW4

Zone Commander

Fire Station

116 Darling Street

DUBBO NSW 2830

Telephone:(068) 82 9689

Fax:(068) 82 0856

Business Hours: 8.30am-4pm

Zone SW3

Zone Commander

Fire Station

25 Kurrajong Avenue

LEETON NSW 2705

Telephone:(069) 53 3410

Fax:(069) 53 3356

Business Hours: 8am-4.30pm

Zone S4

Zone Commander

Fire Station

Fernleigh Road and Bluett Crescent

WAGGA WAGGA NSW 2650

Telephone:(069) 25 4144

Fax:(069) 25 2324

Business Hours: 8.30am-4.30pm

Zone S3

Deputy Regional Commander

Zone Commander

Fire Station

32 Denison Street

WOLLONGONG NSW 2500

Telephone:(042) 24 2000

Fax:(042) 24 2088

Business Hours: 8am-4pm

Zone N5

Zone Commander

80 Hay Street

PORT MACQUARIE NSW 2444

Telephone:(065) 83 8588

Fax:(065) 84 9878

Business Hours: 9am-4pm

Zone N3

Deputy Regional Commander

Zone Commander

Fire Station

44 Union Street

NEWCASTLE NSW 2300

Telephone:(049) 27 2509

Fax:(049) 27 2588

Business Hours: 7.30am-4pm

Zone N6

Zone Commander

Fire Station

139 Molesworth Street

P O Box 752

LISMORE NSW 2480

Telephone: (066) 21 7363

Fax: (066) 21 9445

Business Hours: 8am-4.30pm

Provincial Communication Centres - 24 hour response

Lismore Fire Station

Turvey Park Fire Station, Wagga Wagga

Katoomba Fire Station

Gosford Fire Station

Campbelltown Fire Station

Regional Communication Centres - 24 hour response

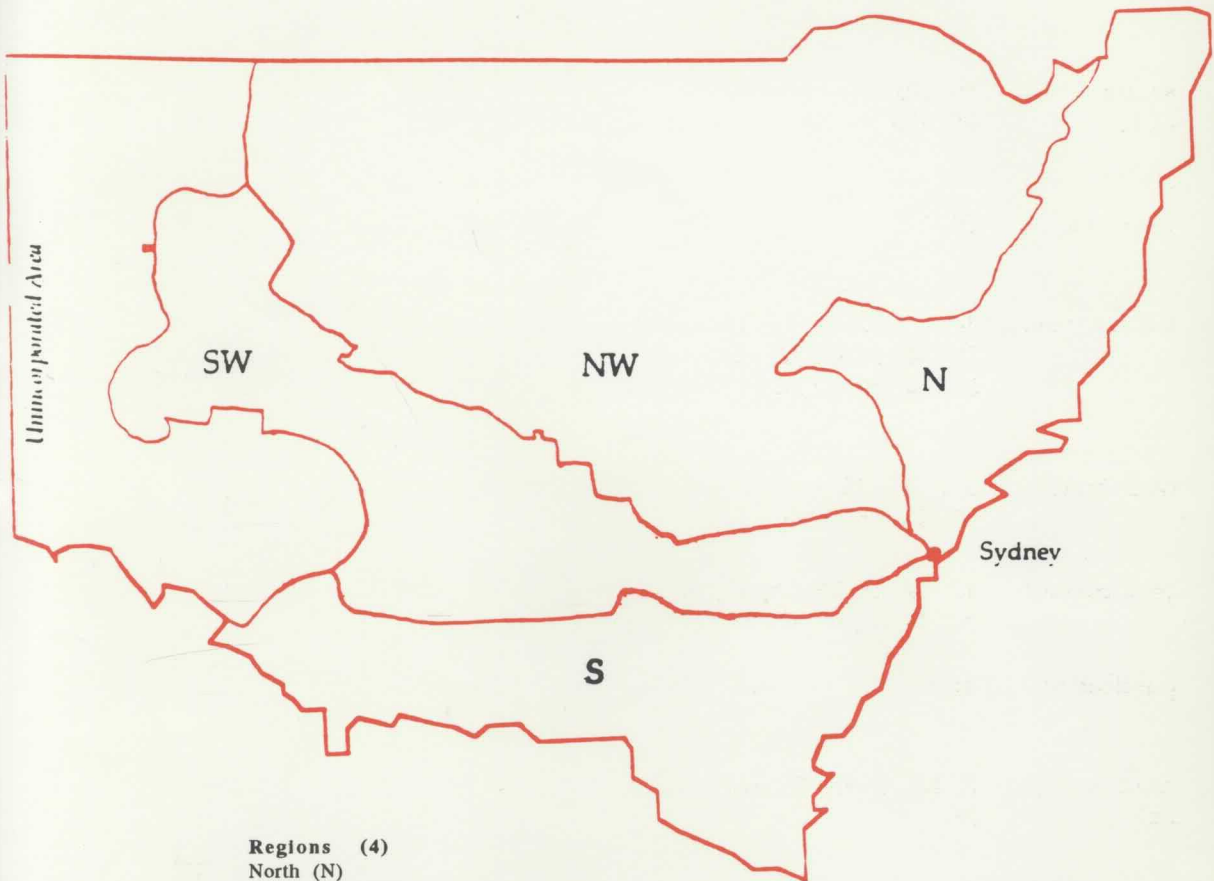
Newcastle Fire Station

Wollongong Fire Station

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NSW Fire Brigades Regions & Zones



Regions (4)

- North (N)
- North West (NW)
- South West (SW)
- South (S)

Zones - Country (10):

- N3 - Newcastle
- N4 - Maitland
- N5 - Pt Macquarie
- N6 - Lismore
- NW3 - Katoomba
- NW4 - Dubbo
- NW5 - Tamworth
- SW3 - Leeton
- S3 - Wollongong
- S4 - Wagga

Zones - Greater Sydney Area (8):

- N1/N2 - Crows Nest
- NW1/NW2 - Parramatta
- SW1/SW2 - Chullora
- S1/S2 - Headquarters

