HEALTH AND

Prime Minister 4

#### DEPARTMENT OF HEALTH AND SOCIAL SECURITY

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Telephone 01-407 5522

From the Secretary of State for Social Services

P A Bearpark Esq 10 Downing Street

3 November 1986

R4/11

ma

Dear Andy

At the dinner with Regional Health Authority Chairmen on 25 September, the Prime Minister asked to see examples of action taken by the Chairmen to publicise good news about the NHS.

I enclose a copy of the 1985/86 Annual Report for the North Western Region which the Prime Minister may wish to see. My Secretary of State's view is that this is an impressive document, combining a great deal of factual information with an attractive lay out.

Jane Mekessain

Jane McKessack Private Secretary



### North Western Regional Health Authority

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Chairman: Sir John Page, O.B.E. General Manager: G.J. Greenshields, B.A., M.Litt., I.P.F.A., M.B.I.M.

# With Compliments

ANNUAL REPORT AND ACCOUNTS 1985/6

"Another year of progress for North Western Health Services."

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Z NORTH WESTERN HEALTH SERVICES

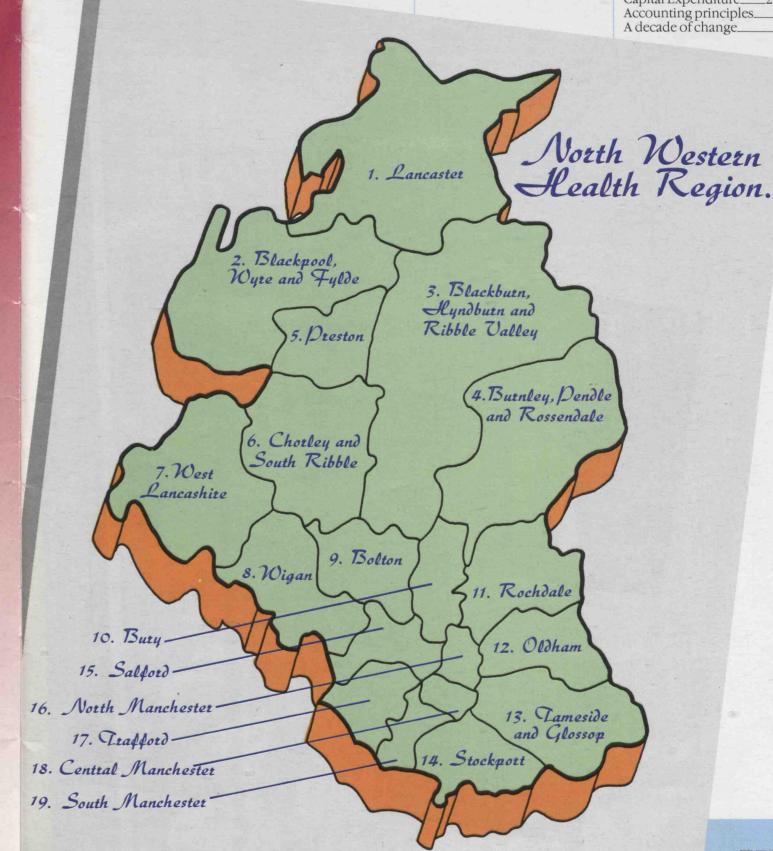
THE ACTION BANK . THE ACTION BANK . THE ACTION BANK . 'North Western Regional Health Authority acknowledges the sponsorship of NatWest Bank in the completion of this report. . . THE ACTION BANK A NatWest THE ACTION BANK .

The North Western Health Region comprises nineteen District Health Authorities and the North Western Regional Health Authority, which is based in Manchester.

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THREE

#### **NORTH WESTERN HEALTH SERVICES** ANNUAL REPORT AND ACCOUNTS 1985/6

in the North Western Region have been consolidated and continued the progress and improvements I noted in the report on the previous year.

It is clear from the facts and figures herein that, over the Region as a whole, more patients are being treated, and this includes key 'life-saving' specialties such as cardiac surgery and renal medicine.

In the period covered by

March, 1986, health services

this Report April, 1985 -

We have also seen further encouraging expansion of vital community services for the mentally ill, the mentally handicapped and the elderly.

Many much-needed new capital schemes have been successfully completed, providing a better quality of environment for patient care and, in many cases, filling gaps in services.

The National Health Service has regrettably and wrongly

criticism in recent years. It is going to be able to give us an generally said that its services open-ended cheque. So we have either not improved as must live within our means they should or that they have which are not v ibstantial nearly £1,000 n. ...ion is now deteriorated. This is not true. Here, in the North West, we spent annually on health have the positive tangible services in the Region. evidence that overall services and facilities are steadily

improving. Of course, the rate

of progress is not necessarily

simultaneously and we are

distributing services with the

intention of equalising access

also in the process of re-

to health care all over the

view matters in a wide

and progress.

perspective and it is then

We could always find

Region. So it is necessary to

obvious that there has been

considerable improvement

worthwhile ways of spending

more money. Equally, it must

be realised that no-one is ever

as great in all districts

But money spent is only part of the story because the progress and improvements would not have been possible without the efforts of the staff of the NHS at all levels. whether engaged in direct patient care or behind the scenes. To them I offer my sincere thanks for another year of personal and professional dedicated commitment.

MORE ATIENTS TREATED AND WAITING LISTS REDUCED

As the figures on this page show, the period from 1980 to 1985 has seen a steady increase in the numbers of patients being treated in the North West. During the same time waiting lists for hospital admission have also fallen.

In-patient cases up Last year 76,000 more inpatient cases were dealt with in our hospitals than in 1980 a 14% increase.

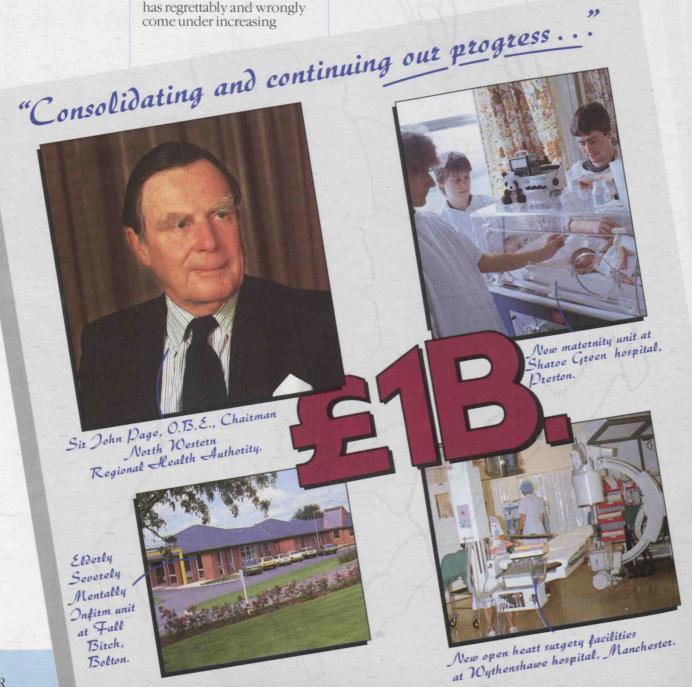
Out-patient attendances up

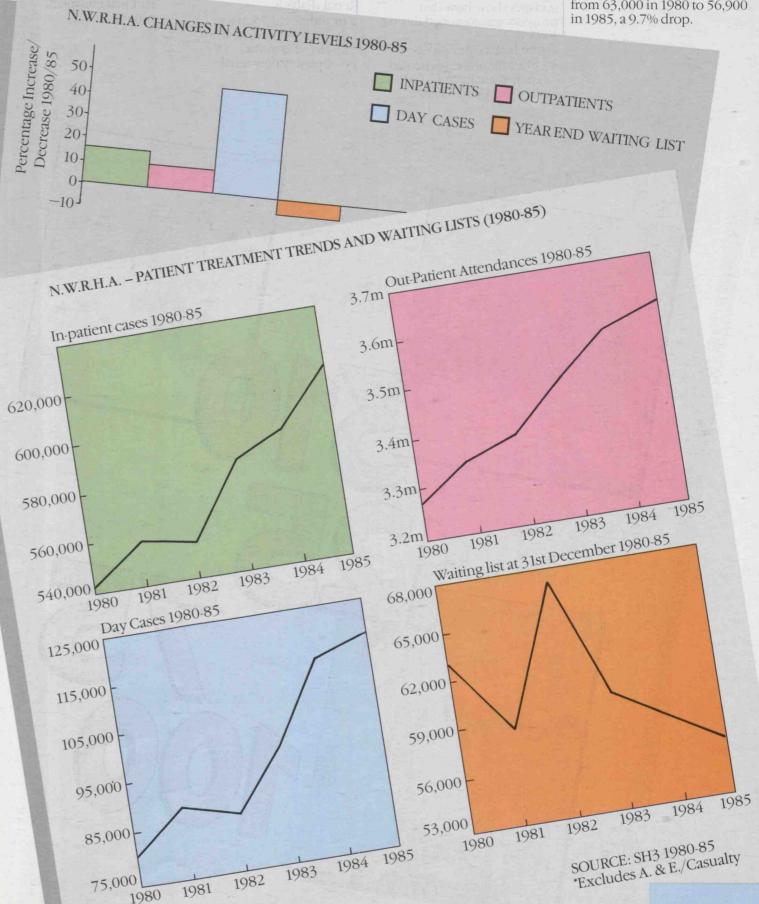
There was also a significant increase in the number of outpatient attendances over the same five-year period. In total they rose by 311,800 (9.5%). Day cases up

Day cases have risen by an even greater percentage. Last year 116,300 patients received treatment on this basis, compared with 79,300 in 1980. The extra 37,000 cases represent an increase of nearly 47%.

Waiting lists down

Whilst more people have been receiving treatment than ever before, numbers on the waiting list have been falling from 63,000 in 1980 to 56,900 in 1985, a 9.7% drop.





**STRENGTHENING** 'LIFE-SAVING' **HEART AND KIDNEY** TREATMENT SERVICES

More cases dealt with than ever before.

Historically, the North West Angioplasties has not had the resources to meet demand for 'life-saving' treatment of conditions like heart disease and kidney failure. Tremendous strides forward have been made in the past three or four years, performed. however, and the following Renal dialysis statistics show how that

1985/86: Open heart operations

•310 additional cases treated (an increase from 1,450 to

progress was sustained during

Hospital, Manchester Royal Infirmary and Victoria Hospital, Blackpool.

> •125 cases treated by means of this relatively new procedure for replacing affected arteries.

Pacemaker implants

•870 pacemaker implants

•an additional 75 places created (an increase from 454 to 529) and a completely new renal

dialysis unit opened at Preston with the intention of providing a further 60 places.

Kidney transpla

• a total of 100 kidney transplants performed - a slight increase on 1984/85 with the North Western Region also becoming a net contributor of kidneys to the national transplant programme.



A ten-year programme is under way to build new hospitals where there are major gaps in services and to replace and improve existing facilities which are either inadequate or wearing out because of age.



"Filling gaps and improving quality..."

Schemes started in 1985/86
Important new developments which started on site during the year included:

BOLTON July 1985 \*Bolton General Hospital – Mental Illness Unit providing 48 beds £1.91m November £0.90m \*Bolton General Hospital -Communications Centre

Date started BURY \*Fairfield General Hospital – Development providing August 1985 Development providing 56 acute beds; 46 children's beds; a children's outpatient department; paediatric £4.98m assessment unit; dental department; antenatal clinic and midwifery training

> Date started ROCHDALE November \*Birch Hill Hospital – Unit for the Younger Physically Disabled £1.15m

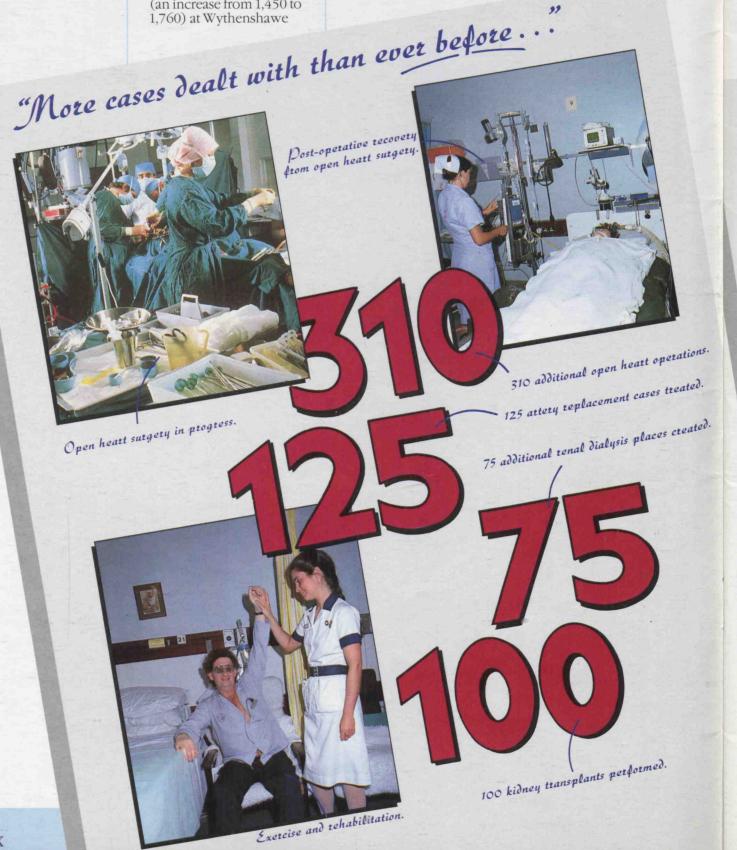
started September North Manchester General Hospital – District Workshops and Transport £1.21m Department

Date

Date started SOUTH MANCHESTER July 1985 £2.83m Withington Hospital -Paediatric Unit September £0.82m \*Christie Hospital – Leukaémia Unit

> started BLACKPOOL \*Fylde Community Hospital, with 96 geriatric beds, 50 geriatric day places and rehabilitation facilities June 1985 £5.89m Date

started BURNLEY April 1985 \*Burnley General Hospital – Unit for the Younger Physically Disabled £1.38m



Date

Schemes completed in 1985/86
Important developments completed or nearing completion during the year included:

hemes completed in a portant developments comp	oleted of fica	Date ompleted		1 D. Pa
*Royal Albert Edward Infirmary – Ward Block Phase I providing 112 acute beds; 3 operating theatres and one minor	£6.64m	May 1986		
*Leigh Infirmary Second Mental Illness Unit providing 60 in-patient beds and 80 day places	£2.69m	May 1985	sub-station and roadworks	Date completed
	Da	te leted	ROCHDALE	

BOLTON		completed	RC T.
*Fall Birch Elderly Severely Mentally Infirm Day Unit with 40 day places and support places	£1.14m	December 1985	

OCHDALE		
*Rochdale Infirmary – ESMI Unit with 50 in patient beds and 50 day places	£2.39m	April 1985
*Birch Hill – Replacement Telephone Installation	£0.64m	
Ten	Date	e completed

			November November
BURY	*Fairfield General Hospital –	£1.47m	1985
	Boiler House	£1.32m	April 1986
The state of the s	*Fairfield General Hospital – Mental Illness Day Unit with 80 places		hily
	Hospital -	£0.46m	July 1985
	*Fairfield General Hospital Communications Complex		Date completed

		Date comp
SALFORD  *Prestwich Hospital – Regional Adult Secure Unit Regional Secure Unit	£2.26m	April 1986
*Hope Hospital -	£0.47m	May 1986
	MANCHESTER	

Replacement Water Supplies	System	DRTH MANCHE	STER
*North Manchester General Hospital – ESMI Day Unit with 50 places	£0.76m	May 1986	
CENTRAL MANCHESTE	R		Date completed

C	ENTRAL MANCHESTER		Date completed
	*St Mary's Hospital – Improvements to Paediatric Services	£0.35m	June 1986

Schemes in progress
Other major schemes still in progress include:

BLACKBURN

\*Queen's Park Hospital – Phase I Redevelopment

*Fairfield General Hospits Kitchen, Dining Room and HSDU	al –	Scheduled completion	TAMESIDE		Scheduled
*Advance Works for Manchester Royal Infirmary Redevelopment Phase II	T	Scheduled completion	*Tameside General Hospi Phase II Development providing 139 acute beds three operating theatres; a accident and emergency unit; an out-patient department and X-ray facilities	1.	completion m July 1987
OLDHAM OLDHAM		Scheduled completion	*Tameside General Hospital Geriatric Unit	£2.62m	September 1986
*Oldham District General Hospital – Phase I Redevelopment providing 300 beds; seven operating theatres; an accident and emergency department; a pharmacy and new out-patient and X-ray departments.	£17.74m	February 1988	*Burnley General Hospital – Pharmacy and HSDU	£1.91m	Scheduled completion
departments			*Burnley General Hospital		1987

Scheduled completion

\*Burnley General Hospital – Extension for Kitchen and Dining Room

£0.97m

September 1986

Phase I Redevelopment £4.43m December 1986	
Schemes completed in 1985/86 Important developments completed or nearing	pletion during the year included:  Date completed
TRAFFORD  *Park Hospital – Geriatric Unit and Rehabilitation Facilities with 96 in-patient beds and 50 day places	February
*Partington Health Centre Extension Date completed	£0.42m July 1986
SOUTH MANCHESTER  *Wythenshawe Hospital— Expansion of Open Heart Surgery Facilities  Date completed	BLACKPOOL  Victoria Hospital – Phase IV  Peyelopment providing  Date Company  April 1986
LANCASTER  *Queen Victoria Hospital – Phase I Redevelopment Phase I Redevelopment Phoviding 48 geriatric beds Providing 48 geriatric beds	operating the plaster theatre; and a boiler house  *Fleetwood ESMI Unit with 56 in-patient beds and \$2.57m  *March
PRESTON  "Sharoe Green Hospital— Conversion of Ward Block Conversion of Ward Block to provide 126 maternity to provide 126 maternity beds; central delivery suite; beds; central delivery suite;	*Hospice at Bispham with 30 acute beds for terminally ill patients  *Victoria Hospital – Extension to Out-patients Department for ENT patients  Date completed
special care in the specia	BURNLEY  *Burnley General Hospital - *Burnley General Hospital - *\$2.90m August 1986
*Royal Preston Rosp Accommodation for Scanner and Haemodialysis Unit	Phase in 168 acute beus providing 168 acute beus and three operating theatres and three operating theatres

#### ESTABLISHING A **PATTERN OF** COMMUNITY BASED SERVICES FOR THE **MENTALLY** HANDICAPPED



continued throughout 1985/ 86 to implement an ambitious programme for re-locating mentally handicapped people from institutions into homes of their own. The target is to provide an extra 3,200 community places by 1993 and to reduce in-patient beds from around 3,600 to less than No children in hospital any

The past year has witnessed the end of an era: there are no longer any mentally handicapped children from the North Western Region resident in hospitals. All are being cared for in the community.

Community places created In addition, a total of 138

community places were established in a wide range of imaginative local schemes such as:

\*two four-place group homes in Rochdale and two in West Lancashire:

\*a 'core and cluster' development in Bury designed to provide the necessary infrastructure for the expansion of local services.

Staff Appointments

Sixty-four new 'direct care' community staff for mental handicap were appointed, including nurses, health visitors, team leaders, speech therapists and others who have been specifically trained to support individuals at home and their families.

Communications

Two important "communications" initiatives were launched in a bid to ensure that the momentum behind the implementation of community care policies is not lost and that public understanding and support are obtained:

\*A video entitled "A Home of Their Own" was produced and launched by the RHA in October, 1985. Telling the

story of four young mentally handicapped women on their journey from life in Calde Hospital, Burnle an ordinary house in Rochdale, it demonstrates through a documentary format that, with the right planning and facilities, community care can and does become a workable reality. \*In April, 1985, the RHA published the first issue of "Action Line," a regular newsletter giving up-to-date information, facts and figures about progress in the Region towards community-based care. As many as 5,000 copies were distributed to health and local authorities, CHCs and voluntary organisations.

3200 extra community places to

DEVOPING **COMPREHENSIVE** CARE FOR THE **MENTALLY ILL** 



Strategy for running down the large institutions

A new and important chapter in the history of care for the mentally ill is about to unfold. In July, 1985, the RHA published a consultative document on its proposed short-term strategy for the rundown of the large mental illness institutions in the Region: Whittingham (Preston): Prestwich (Salford); Lancaster Moor (Lancaster); and the unit at North Manchester General. The aim is to transfer nearly 1,400 patients into the community by 1993/94.

The following guiding principles for the transfer of patients were recommended:

\*There must be appropriate local facilities. \*There must be every expectation that the quality of life for each individual will be improved. \*Patients and staff must be adequately prepared. \*Individual programmes of treatment must be worked \*Where transfers are not

successful, there should be no obstacles to patients returning to their hospital of origin for reassessment.

#### Development of Districtbased services

The run-down must, of course, be accompanied by the development of alternative local services. Broadly speaking, the strategy envisaged a mix of facilities:

\*acute units on District General Hospital sites, preferably in peripheral locations and designed to create as much domesticity as possible;

\*community resource centres forming the core of a network of local services and possibly incorporating a walk-in centre and a day centre:

\*long term hostels providing 10-12 places for semi-acute and new 'long-stay' patients and staffed on a 24 hours a day basis;

\*short-term hostels offering rehabilitation and requiring greater involvement by patients in their day-to-day running:

\*houses or self-contained flats for patients who can live a predominantly selfsufficient life-style (with some of this accommodation being staffed according to patients' needs);

\*day centres accommodating up to 20 people each and providing much-needed social support.

#### The pace of change expected in the next three years

Districts were asked, in conjunction with the large mental illness hospitals, to draw up plans for the resettlement of long-stay patients which would meet the following targets:

1986/87 2.5 places per 100,000 population or 5% of the total District requirement (whichever is the larger);

1987/88 and 1988/89 5 places per 100,000 population; or 10% of the total District requirement (whichever is the larger).

In practice this should mean around 100 transfers taking place during 1986/87.

Districts were also asked to make sure that the patients who are not transferred over the next five years do not suffer from a poorer quality of life and, where possible, benefit from improvements. Capital schemes

Between 1986/87 and 1994/95 a total of 23 hospital building projects, including new facilities for mentally ill patients, will get under way in Blackpool, Blackburn, Bolton, Burnley, Bury, Central Manchester, Chorley and Lancaster.

#### Community psychiatric nurses

An additional 37 community psychiatric nurses were appointed during 1985/ 86, strengthening local

services designed to help the mentally ill live independent lives in their own homes.

#### Facts to remember

From the early 1950's the North West has pioneered the development of comprehensive local mental illness services based on District General Hospitals. Over the past ten years or so regional policies have emphasised:

• the desirability of segregating in-patient and day patient provision for those with senile dementia;

• the possibility of rehabilitating and returning to the community a proportion of the severely institutionalised 'long-stay' patients:

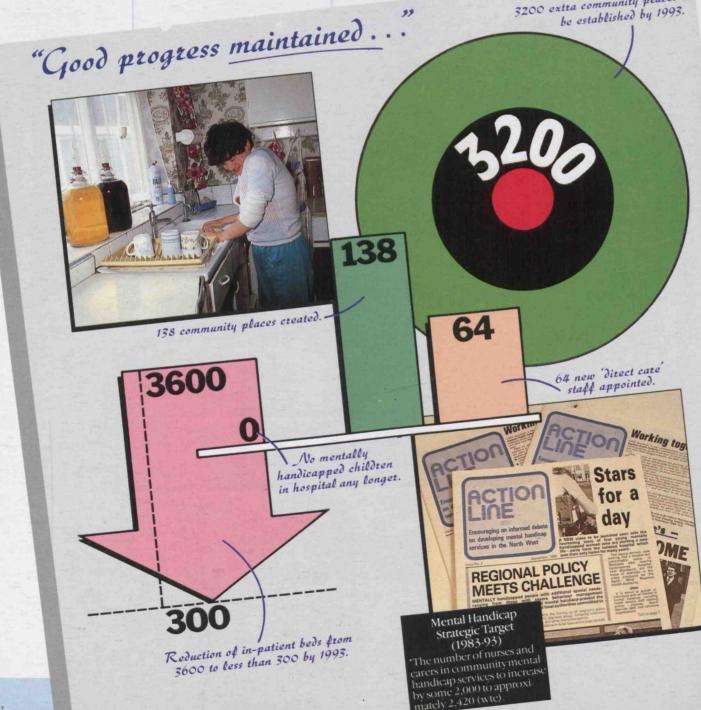
• the importance of not admitting patients to the large hospitals from those Districts with their own services.

Significant progress has therefore been made in building up District-based services:

• Acute services are based at 13 out of 21 District General Hospital sites.

• All Districts have a community psychiatric and out-patient service.

• Separate units for the elderly mentally infirm have been established in 17 Districts. Since 1979, 14 new schemes have been implemented with a total of 810 day places and 792 beds.





37 more community psychiatric nurses appointed in 1985/86.

Mental Health Strategic Targets (1983-93)3,600 more hospital places for the mentally ill, 600,000 more day attendances a year, 470 more community psychiatric nurses, 900 more beds in District General Hospitals and 2,000 fewer beds in large mental illness

#### EXPANDING FACILITIES TO HELP DRUG MISUSERS



The North West has been hit hard over recent years by the scourge of drug misuse. Current estimates suggest that up to 5,000 people may be affected, with particular problems in Greater Manchester, Blackburn, Burnley and the Skelmersdale area of West Lancashire.

### Developments in 1985/86

Concerted efforts are being made by health authorities to combat this growing menace. New developments in 1985/86 included:

- a total of £342,000 made available to Districts by the Regional Health Authority to develop locally-based community services for drug misusers;
- the first intake of students, in September 1985, to a Manchester Polytechnic course on drug and alcohol dependency nursing;
- expansion of the urine screening service at Hope Hospital, Salford;
- a drug research project established jointly by the

Regional Drug Dependence Unit at Prestwich Hospital, Salford, and the University of Manchester to obtain more accurate information on the numbers and types of misusers.

## Community drug teams: an expanding role

The larger role being played by community drug teams in each District has been reflected in a drop in referrals to the Regional Drug Dependence Unit, which fell from 435 in 1984 to 236 in 1985.

The teams act as a first point of contact for many misusers, the majority of whom can be treated locally on an outpatient basis. In-patient treatment facilities have

also been established in all Districts, so that only the more difficult cases need be referred to RDDU.

# Prevention: the y in the long-term

Contrary to a popular misconception, drug misusers are not all 'drop-outs and delinquents' by any means. Many are normal, ordinary people with potential for leading happy and fulfilling lives if they can be helped at the right time. Preventive action is also being taken to try to ensure that youngsters never start experimenting with drugs - a dangerous game that can ultimately destroy themselves and their families.

HE PREVENTIVE APPROACH

With a background of higher than national average numbers of deaths each year from diseases such as cancer and bronchitis, the NHS in the North West must be and is concerned with tackling the root causes. Health authorities, encouraged by the RHA, are increasingly adopting a preventive approach to complement their efforts in improving treatment facilities.

A number of important regionally co-ordinated initiatives took place or got under way during 1985/86. They included:

#### 'Project Smoke-Free'

This three-year smoking prevention programme (announced in last year's annual report) is the most ambitious venture of its kind ever undertaken in the United Kingdom. Its aim is to help reduce the prevalence of cigarette smoking in the North West, where over 7,000 people (one in seven of all deaths) are killed each year from smoking-related diseases.

Supported financially by both the Health Education Council and the Regional Health Authority, the project was launched in September, 1985, and involves four main tasks:

(i) Using the mass media to get the message across that smoking is harmful to health, but that there are many tried and tested ways of giving it up.

(ii) Working with schools to influence children and their families (so that children do not succumb to this addictive habit and parents who smoke are encouraged and helped to give up).

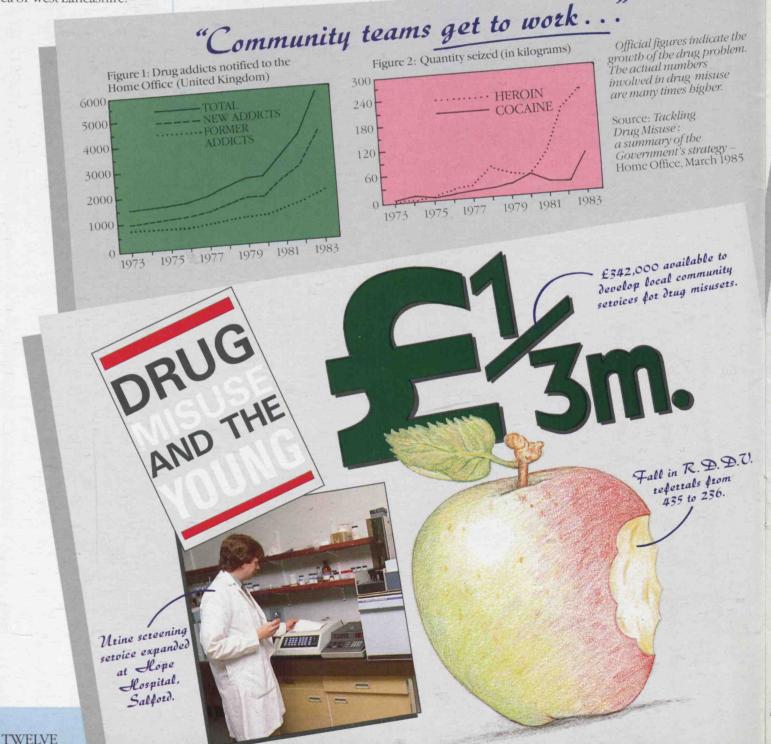
(iii) Working with as many organisations as possible to promote a smoke-free environment in indoor public places (public buildings, shops, cinemas, restaurants, transport, leisure and recreational establishments and so on)

(iv) Working inside the NHS itself by setting an example to the rest of the community (phasing out cigarette sales, extending nosmoking areas in NHS hospitals and other premises and providing help and advice to patients and staff who want to give up).

As Project Smoke Free completes its first twelve months, it can be said to have stimulated considerable interest nationally in pioneering techniques for addressing the smoking problem, including a highly successful 'Smokebuster Club' for school children (now with over 9,000 individual members); the imaginative use of local newspaper advertising offering practical tips on ways of kicking the habit: and the marketing of a non-smoker's 'survival-kit' for those who want to avoid the risks of passive smoking. Alcohol Education

The North West has one of the worst alcohol abuse records in the country. Consumption of alcoholic drinks is 25% above the national average and weekly household expenditure, at an average of £7.20, is the highest of any region in England and higher than in Scotland. In 1984, 189 people died of cirrhosis of the liver and the North West leads the list of all regions for admissions to mental illness

THIRTEEN





hospitals with a primary diagnosis of alcohol dependence.

For all these reasons the RHA has been pleased to collaborate with the Health Education Council and local organisations in planning a three-year alcohol education programme designed to help reverse the worrying trends of the past ten years. Recent months have been spent in working out the initial phases of a major public education campaign to promote the concept of 'sensible drinking' which, in essence, means:

- keeping to a daily limit equivalent to two pints of beer and not drinking every day of the week;
- avoiding alcohol at certain times of the day or in certain situations – at work and when driving a motor vehicle, for example:

 understanding more about alcohol - so that, for example, beer and lager drinkers are not lulled into a

Prevention of alcohol

misuse Strategic target (1983-93)

o reduce to 4% of males

to reduce to 4% of thates aged 18 and over those who consume an average of eight or more units of alcohol a day; to reduce to 1% of females aged 18 and over

females aged 18 and over

Nutrition and Healthy Strategic Target (1983-93)

\*to increase to 70% those aged 1470 years who can identify the major foods which are high/low in fat, sugar, salt, fibre, vitamins and calories.

education campaigns in the

zegio.

Average of £7.20

in the Region on alcoholic drinks.

Sensible drinking, with a daily

is the key to the future alcohol

limit on the amount to be consumed,

pet week pet household is spen

average of six or more units of alcohol a day.

sense of false security by some of the popular misconceptions about the relative strengths of a pint of their favourite brew compared with a double of spirits.

#### Food and Health

In association with Manchester Polytechnic, the Regional Health Authority has initiated a two-year 'Food and Health' project. The aim is to gather information on food topics in the North West and to provide a service to health policy-makers and practitioners by:

(i) putting together the experiences of current policies in action to see what lessons can be learned; and

(ii) helping to make links between the different sectors of the food system and assessing their combined influence on the consumer.

Dental Health

Strategic target (1983-1993)

those receiving public

water supplies

Topics being explored include:

- •food manufacture in the region;
- •food-related diseases; • public attitudes to nutrition;
- catering at work:
- food availability, price and purchasing; purchasing policies and
- food costs in the NHS; • current education policies in schools and colleges on nutrition.

#### Dental Health

Health authorities in the North West have been addressing the big problem of tooth decay (together with neighbouring Mersey region, we have the worst dental health record in England) and are actively exploring the potential for extending the considerable benefits which fluoridation of water supplies has brought to other parts of the country.

A survey of Manchester and Newcastle five-year olds carried out in July 1985, revealed the end pus gap between these two industrial cities. At this age, children in non-fluoridated Manchester have two and a half times as much tooth decay as those from fluoridated Newcastle.

Over the past year all nineteen North Western health districts have affirmed their support for the principle of fluoridation. Every family practitioner committee has done likewise. Opinion research has also been undertaken in most parts of the region, with results indicating that an average of 75 per cent of people questioned in representative samples of the population think fluoride should be added to water if it can reduce tooth decay.

Adjusting the fluoride level

of water supplies will help prevent tooth decay.

Eating for health:

cotonaty heart diseases.

art of the strategy to beat

A video to promote the benefits of fluoridation has been produced by a North Western onal coordinatin roup in collaboration with the Health Education Council and the British Fluoridation Society. Entitled "Look What You're Missing," it reviews the scientific and medical evidence in favour of this important public health

#### "Health for All Week": 10th to 14th March, 1985

measure.

Public participation was very much the theme of "Health for All Week" in March, 1985, when the three Manchester districts.

Manchester City Council, Project Smoke-Free, North

West ASH and the Hospital Arts Project pooled their resources to mount a series of exhibitions, special events and live performances on a wide range of health issues in the Arndale shopping centre, including smoking, diet, exercise for the middle aged and the elderly and health care for ethnic minorities.

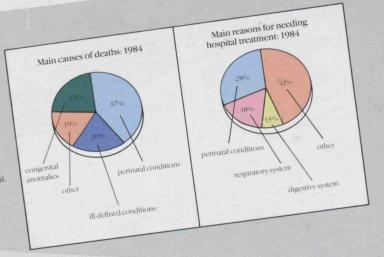
The aim was for the RHA to work collaboratively with local organisations in priority areas of health promotion, whilst testing out ideas on public participation in the WHO 'Health for All 2000' statement.

# Infants aged under one year

### HEALTH IN THE NORTH WEST Scope for action

As we said in our ten-year strategic plan published last year, we want to help people become healthier so that they can avoid having to become our 'customers' in the first place. We also want to make sure that they can get NHS treatment services when they need them.

The figures on page five of this report show the improvements being made in providing treatment. But what are the main causes of ill health and what is the scope for preventing avoidable diseases and deaths?

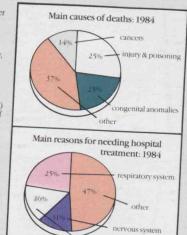


### Young children aged 1-4

Injury and poisoning are responsible for one quarter of the deaths of young children, and for a high proportion of hospital admissions. These are virtually all preventable by, for example, home safety measures and the use of childproof containers of pills and medicines.
 Congenital anomalies and cancers (such as leukaemia) remain significant causes of

remain significant causes o death and may not be

However, a quarter of hospital admissions of young children are due to respiratory diseases, many of which would be preventable if parents did not smoke.



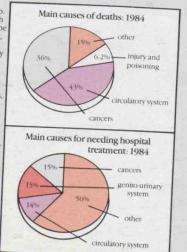
injury & poisoning

### Middle-aged adults 45-54

 Cancers are an important cause of death in this group Many are preventable, such as lung cancer, which can h prevented by not smoking and cancer of the cervix, which can be minimised b screening and early detection.

Discass of the circulatory

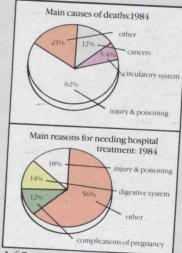
system account for the largest proportion of death many of which are caused by ischaeping here. many of which are caused by ischaemic heart disease hypertension and strokes Non-smoking, sensible drinking, a diet low in fat and high in fibre and regul exercise can all help to reduce both deaths and



### Young adults aged 15-24

 Nearly two thirds of deaths of young adults are due to injury and poisoning.
 Road traffic accidents, particularly involving in experienced sould be a sould particularly involving inexperienced road users, are very much to blame and are often associated with alcohol abuse. Greater emphasis on road safety teaching, coupled with the don't drink and drive message would be a long as the control of the couple of the coupled with the don't drink and drive. essage, would help reduce

 Complications of • Complications of pregnancy are a significant cause of young women coming into hospital. This is particularly true of teenage mothers. Contraception and better family planning are the most obvious ways of reducing the risks.



#### Elderly people aged 65 and over

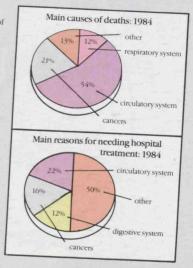
• Over half the deaths in the elderly are due to diseases of the circulatory system. These could be prevented by the same measures applicable to younger age

groups.

In elderly men, deaths from cancer are very often due to cancer of the lung, which should be almost entirely preventable.

Diseases of the digestive system includes a cancer of the system includes a cancer of the lung.

system include peptic ulcers, which can also be prevented by not smoking



**FOURTEEN** 

**INCREASED DEMANDS ON** BLOOD **TRANSFUSION** SERVICE

Blood donot session

Opening of new centre

A new £6.5 million Regional Blood Transfusion Centre was officially opened by HRH The Princess Alexandra on 3rd June, 1985 in Plymouth Grove, Manchester.

Incorporating up-to-date laboratories and sophisticated scientific equipment, the centre has been designed to support a much-needed expansion of blood transfusion services in the North West, particularly in the manufacture of specialised products such as Factor VIII (used in the treatment of haemophiliacs to control bleeding) and in meeting the increased demands of hospitals for blood for complex operations like openheart surgery.

The purpose-built facility -"New centre and new campaigns..

Manchester Royal Infirmary has also solved the previous problems arising from BTS staff working in three separate locations in the city.

Campaign for new donors

The Royal opening coincided with the start of a campaign known as "LIFESAVER 85" to recruit up to 10,000 new blood donors.

The urgent need for extra recruits was emphasised last winter, when BTS managers had to appeal for the help of the public as stocks fell to low levels and deliveries of blood to hospitals began exceeding collections by around one hundred units a day.

The campaign resulted in a 115% increase in donations in Greater Manchester and a 52% increase in Lancashire.

Please

details:

Lancashire TEL: Lancaster (0524) 63456

**IMPROVING** MANAGEMENT **EFFICIENCY FOR** BETTER PATIENT CARE

## Putting the consumer first:

Considerable emphasis has been put during the year on improving and streamlining management systems in order to release resources for reinvestment in patient care and to provide a better quality of service to NHS users by cutting out bureaucracy.

#### Providing more costeffective services

Maintaining the quality of existing services whilst seeking ways of providing them more 'cost-effectively' where possible has been, and remains, a major objective for health authorities. Collectively, during the year, they have succeeded in releasing a total of £10.5 million which can be reinvested in future priority

areas of health care. A further £3.1 million was also saved on a one-year basis only.

Such 'cost improvements' have arisen from a wide range of measures including competitive tendering for 'hotel services,' implementation of Rayner scrutiny recommendations, energysaving and rationalisation of services.

The RHA headquarters has itself contributed directly to the creation of this investment pool, with cost improvements of some £750,000 resulting from a slimming down of its own workforce, higher efficiency and the implementation of a regional supplies and stores policy to get maximum return from the purchasing power of the NHS across the region.

#### Higher efficiency

Progress was made in implementing plans to computerise patient and staff records in the region and generally to improve the efficiency of services through the use of high technology. The overall strategy, which will see a total of £11 million invested by the end of the current year, is designed to:

• streamline and speed up procedures for retrieving vital clinical information about patient care;

• enable managers to make better use of the 74,000 NHS staff employed in the North West:

• control the use of drugs more effectively; and

• provide better stock control Speeding up administration and enhancing the quality of service

Rochdale was the first of the nineteen districts to introduce a fully computerised medical records system for hospital and clinic patients. By November, 1985, a total of 283,000 individual records had been transferred from the previous manual system on to a master index accessible through terminals at Rochdale Infirmary and Birch Hill Hospital

Target date for completing the installation of the new patient administration system is June, 1987, by which time some nine million records in over one hundred hospitals will have been put on to computers. When fully operational, the system will help staff responsible for patient care to obtain up-tothe-minute details of individuals' medical histories, reducing both the time involved and the potential for mistakes.

In this way health

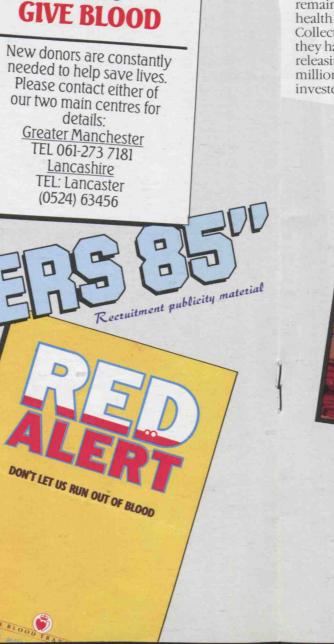
modern technology in their bid to use existing resources to maximum effect and enhance the quality of service provided to the consumer.

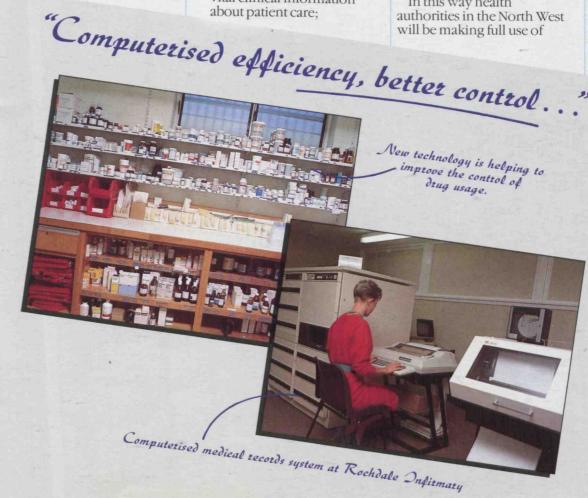
Reducing bureaucracy and cutting costs

Running almost in tandem has been the implementation of a £5 million 'integrated personnel system' to give managers more comprehensive and more accurate information about their staff. Trafford was the pilot district for this scheme, with the remainder of the region having now also received the new computer-based package.

In addition to manpower planning – making sure the right staff are in the right places to provide an appropriate level of service the system is capable of offering better information on general stock expenditure trends, essential supplies in stock and the costing of drugs and pharmaceutical items.

The end result will, it is intended, reduce unnecessary bureaucracy in recordkeeping and make sure that the cost of management and support services is kept to an absolute minimum.





### **SPOTLIGHT** ON THE DISTRICTS

This section of the report looks at a few key developments in each of the nineteen District Health Authorities in the region. Necessarily – in a report about the Health Service in the whole of the North West - it is only possible to give a brief glimpse of the achievements recorded in any one district.

More detailed information may be obtained by writing to the District General Manager concerned.

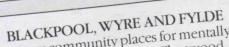
• additional community places established for mentally ill and mentally handicapped people being resettled from Lancaster Moor Hospital and the Royal Albert Hospital;

• other developments: a 20-place mental illness day hospital in other developments: a 20-prace mental timess day nospital in the city centre and a 48-bed unit with day places for elderly and ESMI patients at Queen Victoria Hospital, Morecambe. • appointment of an additional consultant paediatrician

 appointment of affactutional consultant paediatrician
 specialising in neonatal care;
 ophthalmic laser for treatment of disorders of the retina – of particular benefit in maintaining the sight of the elderly and

2. Blackpool, Wyre and Tylde

1. Lancastet



• new community places for mentally handicapped people at Fleetwood

• consultant child psychiatrist appointed to develop home service;

• good progress on Fairhaven nursing home project – with benefits to elderly patients needing long-term continuous care;

• ESMI unit at Fleetwood completed.

# BLACKBURN, HYNDBURN AND RIBBLE VALLEY

• multi-disciplinary community drugs team established to

purpose-designed dental unit completed at a cost of £300,000;
 phase one of Queen's Park Hospital in progress, together with

Roman Road Health Centre.

4. Burnley, Pendle and Rossendale

# BURNLEY, PENDLE AND ROSSENDALE

•20 Calderstones mentally handicapped residents resettled into the community as part of a 'partnership scheme' between the health authority and local authority housing

• doubling of available day places for pre-school children with mental handicaps at the Warner Street Clinic at Haslingden.

5. Preston



#### PRESTON

• new obstetric and gynaecology facilities opened on Sharoe Green Hospital site after £2 million

• £1½ million unit to house scanner and haemodialysis facilities for kidney patients opened at Royal Preston Hospital;

• extension to Royal Preston Hospital acute psychiatric unit completed.

6. Chorley and South Ribble

7. West Lancashire

# CHORLEY AND SOUTH RIBBLE

• an innovative 25-bed mental health unit established providing

'round the clock' support and advice for clients and families; expansion of community psychiatric nursing service, with patients visited having doubled from 620 in 1984 to over 1,250

## WEST LANCASHIRE

•a second community home for the mentally handicapped •community drug team established;

•throughput of in-patients and day cases up by 12% (and by 80%

•£450,000 refurbishment and upgrading of pathology laboratories at Ormskirk and District General Hospital and Wrightington

8. Wigan



### WIGAN

• new community places created for the mentally handicapped in Leigh as part of a core and cluster' scheme;

• sixty ESMI in-patient beds and eighty day places created at Leigh Infirmary; •12-bed unit for younger chronic sick

opened at Astley Hospital on 30th September, 1985;

• phase one of the Royal Albert Edward Infirmary redevelopment completed, with 112 adult acute beds and three major operating theatres.

9. Bolton

### **BOLTON**

• a 96-bed geriatric ward opened at Bolton General Hospital;

• a 24-place geriatric day unit opened at Hulton Hospital in May, 1985;
• a 56-bed ESMI unit with 50 geriatric day places opened at Bolton General Hospital and a 40-place ESMI day unit at Fall Birch Hospital;

• 25 extra community nurses and health visitors

• 25 mentally handicapped people resettled during the year as part of the Bolton 'neighbourhood neiwork scheme' and a further 50 patients assessed;

 Asian mother and baby campaign launched and additional ultra- sound department opened in maternity unit; ● new consultants appointed in anaesthetics, geriatrics and radiology.



10. Bury

•80-place mental illness day unit opened in

•local authority adult training centre for the mentally handicapped extended through 'joint funding' to care for those with additional special needs;

• fully automated boiler house commissioned at Fairfield General Hospital to meet energy and incineration needs of planned

developments.

11. Rochdale

- 30 extra community places for the mentally ill;
  opening of ESMI unit with 56 beds and
- patient satisfaction survey of gynaecology services undertaken;
- fully-equipped resuscitation training room established at Birch Hill Hospital.



12. Olhami

- work started in April, 1986, on new £2 million hospital sterilising and disinfection unit at Oldham and District General Hospital;
- savings of £479,000 achieved through competitive tendering on catering and other services, revision of bonus schemes and other efficiency measures.

13. Tameside and Glossop

- •start of £700,000 improvement and extension programme to TAMESIDE AND GLOSSOP
- •12 mentally handicapped patients transferred from long stay hospitals to the community;

  •extra orthopaedic theatre sessions started on Saturdays to
- reduce waiting lists;
- accident and emergency consultant appointed.



• completion of a £400,000 day case unit at Stepping Hill Hospital which, by June 1986, was treating about 260 patients a

15. North / Manchester

### NORTH MANCHESTER

- •an ESMI day unit opened on 13th November,
- new out-patient department at Booth Hall Children's Hospital;
- new geriatric ward at Monsall Hospital and introduction of a 'shared care' ward for

elderly orthopaedic patients at Ancoats Hospital; brought into use by HRH Duke of Gloucester on 11th March, 1986.

16. Central – Manchester

## CENTRAL MANCHESTER

- Ross Place opened as a day resource centre for mentally handicapped young adults;
- •Rawnsley Building opened on Central Manchester Hospital site with 50-day places and out-patient facilities;
- estimated annual savings of £250,000 from competitive tendering for catering, cleaning and other 'hotel' services;
- dispensing optician's shop opened at the Royal Eye Hospital as one of a series of income-generating initiatives.

17. South / Manchestet

### SOUTH MANCHESTER

- •drug misuse team established jointly with social services and education departments in Wythenshawe;
- •short-term residential accommodation opened in Northenden for mentally handicapped adolescents and young adults;
- •facilities transferred to new paediatric unit at Withington Hospital from Duchess of York Hospital.

18. Salford-



- SALFORD
  - •Kendal day unit opened at Prestwich Hospital, providing 50 places for elderly patients with mental
  - •an additional 16 community places established for mentally ill residents in long-stay institutions;
  - •completion of £3/4 million scheme to upgrade kitchen and restaurant at Ladywell Hospital.

19. Trafford

#### TRAFFORD

- •22-bed acute ward opened at Park
- Hospital for day cases and 'five-day' cases;

   new 96-bed geriatric unit and rehabilitation department brought into full use in May, 1986;
- •ESMI facilities increased by the opening of a 24-bed ward at Bridgewater Hospital.



# FINANCIAL COMMENTARY

% allocation of funds to Government Departments, 1985/6

31%
Social
Security

100%

13%
Education

13%
Defence

The vast majority of funds

Service are generated through

each year by Parliament. The

government departments for

All other

Departments

used by the National Health

taxation and are voted on

NHS competes with other

funding as the following diagram illustrates:

Funds for the NHS are allocated by the DHSS over the 14 English Regional Health Authorities by use of a formula. The formula reflects various criteria, examples being the number of people living within each Region, their demographic characteristics (age structure, percentages of men and women, mortality, etc.) and the treatment within a Region of people living outside its boundary.

Health and

Personal Social Services

The North Western Regional Health Authority received initial allocations in 1985-86 totalling £920m (£850m revenue, £70m capital) which, as the year progressed, were subject to relatively minor amendments. These allocations included growth of 1% above allowances for pay and price increases. The table shows how this allocation compares with those of other Regions.

	Total All	ocation
Region	£m	
Northern	656	
Yorkshire		7
Trent	910	9
East Anglian	377	4
North West Thames	755	8
North East Thames	952_	10
South East Thames	839	8
South West Thames	642	(
Wessex	565	6
Oxford		
South Western		
West Midlands	1047	10
Mersey		
North Western	920	9
	10022	100

The RHA reallocated these funds to Districts by taking as a starting point the previous year's allocations and adjusting them up or down to reflect agreed changes in the level or range of services to be provided.

As part of the continuing drive for improved efficiency, Cost Improvement Programmes were established which achieved savings in all Districts and resources of £13.6m were released.

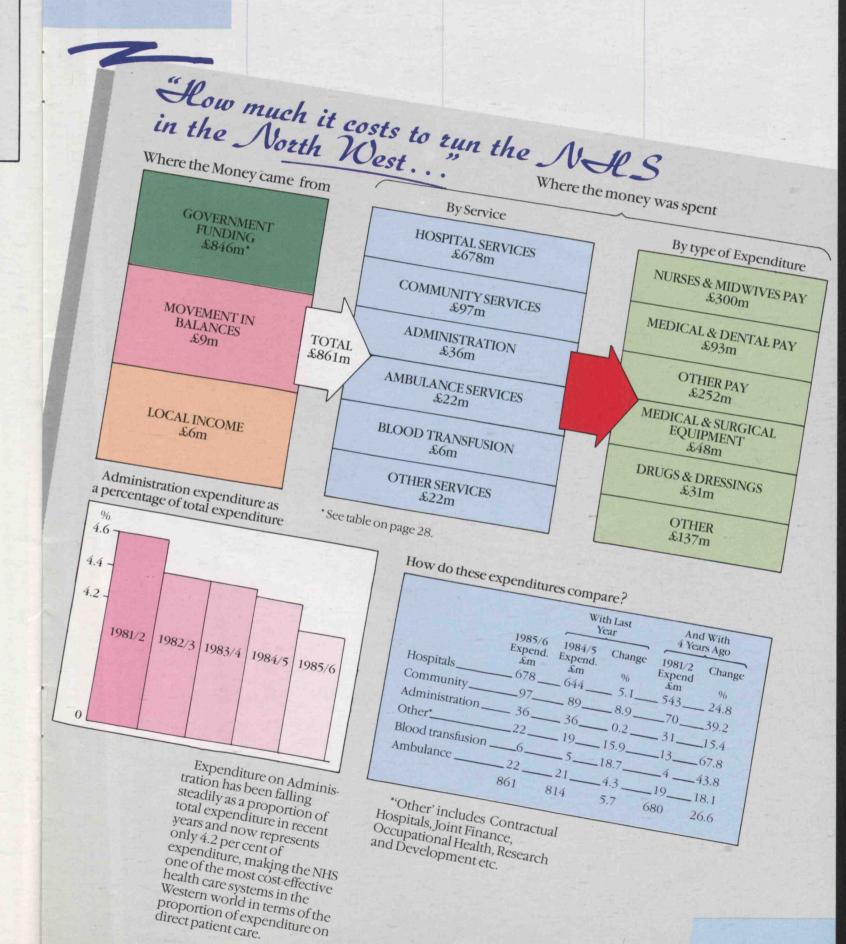
These savings were reinvested into priority areas of the Service. Overall, the service levels were maintained or increased as demonstrated in the other sections of this Report.

The financial out-turn for the year showed an underspending of £0.2m, representing an underspend on revenue of £6.4m and an overspend on capital of £6.2m.

The position reflects decisions taken by the RHA during the year to divert resources into much needed capital schemes.

This is a recognition of the importance of these schemes to achieving the RHA strategic aim of providing growth in the volume of patient care services while ensuring equality of access throughout the Region.

REVENUE EXPENDITURE 1985/86 £861 million was spent on running health services in the North Western Region in 1985/86 compared with £814 million in the previous year, an increase of 5.7%.



How much was spent by each district? District Health Authorities are responsible for managing local hospital and community health services.
The Regional Health
Authority is responsible for strategic planning, resource allocation, management of

the Blood Transfusion and Greater Manchester
Metropolitan Ambulance
Services and a number of
centralised professional
support services.
This table shows which

health authority spent what:

			aries in the N	North West	Total	1084/85	
Health Authority  Lancaster Blackpool Preston Blackburn Burnley West Lancashire Chorley	- CO	3.2 7.8 4.4 6.8 5.5 2.6 4.0 6.0	1.2 1.3 1.7 1.3 1.2 0.8 0.7 1.4 0.8	Other  Sm  0.4  0.8  3.9  0.1  0.4  0.1  0.9  1.1  0.4  1.8	Total 1985/86 £m 40.6 48.8 57.4 54.4 48.7 21.5 13.2 38.7 22.0 54.	17 7 0 .5	5 2 6 .7 6.6 1.5 2.4 6.7 21.5 552.4 55.6
Manchester Manchester Manchester Manchester	46.2 41.6 18.0 7.6 30.2 17.3 47.0 53.6 73.1 24.1 20.3	5.5 2.6 4.0	1.2 0.8 0.7 1.4 0.8 1.4 1.4 2.2 1.2 1.1 1.9	0.1 0.9 1.1 0.4 1.8 0.8 1.4 0.4 0.6 1.2 0.5	21.5 13.2 38.7 22.0 54. 59 80 3.1 22	17 7 0 .5	2.4 66.7 21.5 52.4 55.6 76.9 29.4 25.7 68.9 42.8 28.0
Rochdale Salford Stockport Tameside Trafford Wigan North Western R.E	64.8 35.9 22.3 19.9 33.6 H.A. –	5	9 .1 5.3 5.7 0.4 1.2 0.4 11.0 0.4 35	2 0.4 4 0.3 3 5.7 7 20.4 Ambulance S.	6 .6 .6 5.3 2.1 ervices	27.0 42.3 17.0* 831.8 22.4 6.3 860.5	25.8 40.2 13.3 787.7 21.5 5.3 814.5

\*Included within the £17m is £3m expenditure resulting from the transfer of the supplies function from Districts to the RHA.

Now much it costs to treat This table shows how to treat each patient in I	985/86 IN PATI	ENTS	OUT PAT"	SA	& E	1
Hospital Type	COST PER DAY &	COST PER CASI	E AT	R T.	COST PER ATT. &	1
Acute-over 100 beds Acute-51-100 beds Acute-under 50 beds Mainly Acute Partly Acute Mainly Long Stay Long Stay Geriatric Pre-Convalescent Maternity Mental Illness Mental Handicap Orthopaedic Children's Eye Other	68	7 7 7 2	9 2 55 14 71	225 118. 221 23 145 23 144 		

Has the level of balances changed? This table shows the movement between 1984/85 and 1985/86 of the balances held. These represent the monies owed to or by the Health Authorities within the Region and their stock holdings.

Balances Held DHSS	1985/6 £'000	1984/5 £'000	Movemen
DHSS Stocks	23,007 Z	000	£'000
Debtors	18,622	11,215	+11,792
Money Owed (Li	25,551 67,180	25,930	-1,289 -379
Creditors Cash overdrawn	62000		10,124
overdrawn	4,275	,931	+7,780
	67,180 57,	050	0,124

What were the sources of local	
Revenue	income?
From Patients for supply of drugs and appliances From Private Patients Charges 5	£m
Charges for Road Traffic Accidents Other	0.5 3.8 0.6
Capital Sale of land and buildings Other	0.7
Other Other	2.7
Total Income	0.1 2.8 8.4

Trust Funds
Health Authorities are empowered by Acts of Parliament to accept, hold and adminster property on trust for any purpose relating to health services. As such gifts, donations and legacies are accepted and used for the provision of services and amenities for patients and staff. The accounts are shown below:

li	1985/86 £000's	penditure 1984/85 £000's
Subscriptions and donations Legacies Dividends	4,540 1,621 1,257 7,418	3,340 1,521 1,767 6,628
Expenditure Welfare and Amenities Research Contributions to Capita Other Expenditure	1,807 1,969 1 1,173 2,089 7,038 380	1 1 1 5 5
Surplus for year	A TELL	

	March 86	March 85
Accumulated Fund Capital in Perpetuity Other Funds	1,151 19,600 20,751	739 16,989 17,728
Represented by: Investments Stocks Debtors Cash Creditors	18,287 28 1,433 2,899 1,89 20,75	1,409 1,134 1,021

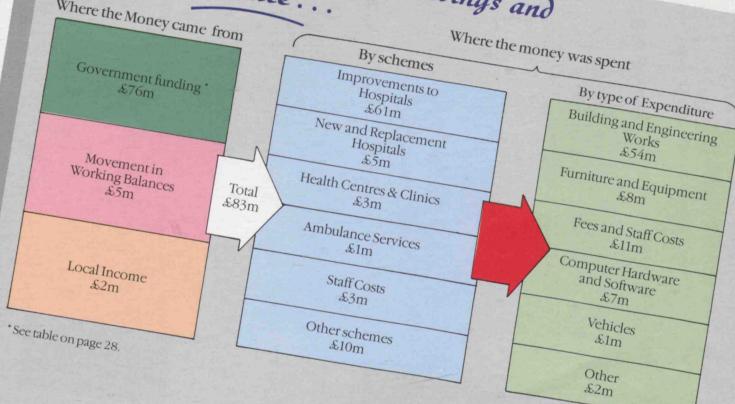
CAPITAL **EXPENDITURE** 1985/86

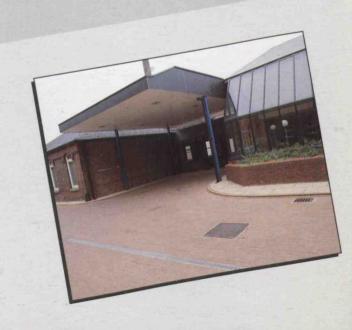
## Overall spending by the RHA and Districts

Over £83 million was spent in 1985/86 on building new hospitals, health centres and clinics; adapting and improving existing facilities; and major purchases of equipment.

Out of £83 million, £66 million was spent on new and replacement hospitals and improvements to existing hospitals.

How much was spent on buildings and where the mon





How much was spent in each District?
In this table the £83m is analysed by District between expenditure incurred by the RHA on major developments (£56m), and by the Districts (£27m) themselves on their own smaller schemes. The RHA expenditure provides facilities which are

used and managed by Districts. In addition, some services are managed directly by the RHA itself, e.g., blood transfusion, ambulance service and central computer developments.

District  Lancaster Blackpool Preston Blackburn Burnley West Lancashire Chorley Bolton Bury North Manchester Central Manchester South Manchester Oldham Rochdale	Expenditure By District  £'000s  1,104 1,990 3,675 911 1,196 445 412 882 592 2,135 2,613 2,845	Expenditure By RHA  £000's  1,228 4,836 1,288 2,707 5,496 990 35 1,891 3,515 1,409 1,501	Total Expenditure in District  £000's  2,332 6,826 4,963 3,618 6,692 1,435 447 2,773 4,107 3,544
	2,845 1,351 576 1,566 1,473 736 1,179 1,350	1,501 2,494 4,037 1,422 1,303 220 6,981 1,387 2,596 10,821	4,107 3,544 4,114 5,339 5,388 1,998 2,869 1,693 7,717 2,566 3,946 10,821

#### ACCOUNTING PRINCIPLES

1. General Note The accounts have been prepared in accordance with the published Standard Accounting Practices for the NHS approved by the Secretary of State. The revenue and capital accounts are prepared on an income and expenditure basis, but there are certain departures from the normal "accruals" concept:

(a) The main source of funding for health authorities, cash advances from the Department of Health and Social Security within an approved cash limit for hospital and community health services, is not recorded in the accounts on an accruals basis. The accounts show expenditure net of direct credits.

(b) The accounts record the annual capital expenditure and income: there is no record in the balance sheet of capital assets, nor is there any provision for the depreciation of such assets in the revenue accounts.

2. Cash Limit The accounts of health authorities are subject to cash limit controls. A cash limit is a pre-determined limit on the spending (in cash terms) of health authorities. Each Health Authority is required to

limits formally to Regional

Health Authorities (RHAs)

limits to individual District

Health Authorities. RHAs

may make local

arrangements with

Authorities regarding

the carry forward of

(b) A statement of the net

cash limits.

below:

underspendings on the

over/underspending of

the North Western Region

against the approved cash

31st March, 1986 is set out

limits for the year ended

transfers between revenue

and capital allocations and

individual Health

who, in turn, issue cash

contain its net revenue/ Computerised stocks have capital outgoings in the been valued at average year within the approved cost, other stocks on a First cash limit. In First Out basis. (a) The DHSS issues cash

(a) Stocks

(b) Debtors and Creditors:-Debtors and Creditors have been assessed on the basis of goods and services supplied or received on or before 31st March, 1986 for which payment had not been received or made by that date. (c) Losses, Compensation and Legal Costs:

3. Accounting Policies

The accounting policies

items which are judged

material or critical in

followed for dealing with

determining the correctness

the financial position are:-

of the accounts and in stating

These items are generally charged to the relevant functional headings.

(i) Stocks and cash losses are written off to revenue in the year they are incurred at cost.

(ii) Bad debts written off have been adjusted against the income.

(iii) Other losses and

960	Revenue £'000	Capital £'000
Cash Limit	852,568	69,511
Charge against Cash Limit	846,141	75,770
Over/Underspending	-6,427	+6,259

compensation payments and legal costs are charged to ost when revenue determined

(iv) Included are certain losses which would have been made good through insurance cover had the Health Authority not been bearing its own risks. In that case the insurance premiums would have been included as normal revenue expenditure.

(d) Capital Expenditure: The following expenditure has been classified as capital expenditure:

(i) Acquisition of land premises:

(ii) Individual works schemes costing £15,000 or more:

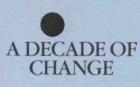
(iii) Complete individual items of medical, dental or computer equipment costing £7.500 or more (before deduction of any sum obtained for a replaced item);

(iv) All purchases of vehicles;

(v) Pay and directly related expenses of works officers and the staff of their departments who are fully or mainly engaged on spending charged to capital.

4. Prior Year Adjustments Statement of Balances Balances brought forward from 1984/85 have, in accordance with Standard Accounting Practices for the NHS, have been shown exactly as the closing balances recorded in the annual accounts for that year.

5. Auditors' Certificate. These Accounts are subject to audit.



The Health Service has seen great changes in the first half of the 1980s. Health authorities have gone through a major reorganisation, new style management has been introduced and the way we provide for certain patient groups has altered considerably

But while the Health Service might change, the people within it do not. There is still the same degree of skill and dedication as there ever was.

Doctors, nurses, ambulancemen, technicians, caterers, porters, administrators and many more besides have all played their part in maintaining and improving the quality of care.

And we must remember those who give their time freely: Regional and District Health Authority members take the decisions that guide the NHS along its course and make it responsive to the needs of the people it serves. Community Health Council Members seek also to ensure that full account is taken of the

I hope our report has succeeded in giving you an insight into the continuing progress being made by the North Western health service. Looking into the future, the signs are good. Half way through our decade of change, we have made great strides, enough to face the coming challenges with confidence.

Gordon Greenshields Regional General Manager

Membership of the Regional Health Authority during the Sir John Page, O.B.E. Chairman Mr. M.A. Brennan, M.B., Ch.B., F.R.C.S. Eng County Councillor Mrs. M.P. Case, B.A., B.A. (Econ) Dr. S.S. Chatterjee, O.B.E. J.P.,F.R.C.P.,F.R.C.R.E.,F.C.C.P. (U.S.A.)

Professor I.E. Gillespie, M.D. (Glas), M.Sc., F.R.C.S. Mrs. C.M. Harrison, J.P.

Mr. R.E. Hodd, C.B.E.,B.Sc.,Dip.Ed.,Barrister at Law (Vice Chairman) Dr. S.A.P. Jenkins M.B., Ch.B., F.R.C.G.P. Councillor J.B. Leck, J.P., A.I.H., F.B.I.M.

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Councillor Mrs. S.D. Oldham, J.P.

Mr. R.T. Parkinson, B.Sc. Tech, A.H.C.T. (Vice Chairman) Mr. K.M.A. Walker Mr. G.R. Ward, M.A. (Cantab)., F.C.A.

Note: Since then, Mr.M.A. Brennan, Dr. S.S. Chatterjee, Note: Since then, Mr.M.A. Brennan, Dr. S.S. Chatterjee, Professor I.E. Gillespie, Councillor K. Hornby, Mrs. G. Oates, Councillor Mrs. A. Walker have ceased to be Professor I.E. Gillespie, Councillor K. Hornby, Mrs. G. Oates, Councillor Mrs. Members. With effect from 1st October 1086, the Membership of the

S.D. Oldham, Mr. R.T. Parkinson, and Mr. K.M.A. Walker nave ceased to Mr. M. M. Walker nave ceased to Authority pour includes Dr. A. K. Raneriee, M.R.R.S. FR.C.P. Councille Members. With effect from 1st October, 1986, the Membership of the Rarrett B Com FC A FID MIP Mr CL Davies B hir Mrs A Fishwick Authority now includes Dr. A.K. Banerjee, M.B.B.S., F.R.C.P., Councillor N. W. Barrett, B.Com., F.C.A., F.I.D., M.I.P., Mr. C.L. Davies, B.Jur., Mrs. A. Fishwick, and Mr. K.R. Wade Barrett, B.Com., F.C.A., F.I.D., M.I.P., Mr. C.L. Davies, B.Jur., Mrs. A. Fish Ll.M.DL., Professor L.A. Turnberg, M.D., F.R.C.P., and Mr. K.R. Wade.

Notes





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