



Pharmacy and Medicines Directorate

Pharmaceutical Care Services in NHS Fife

November 2023



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EXECUTIVE SUMMARY

The publication of NHS (Pharmaceutical Services) (Scotland) Amendment regulations 2011 requires NHS Boards to publish pharmaceutical care service (PCS) reports and annually update them. This 2023 update is published according to these regulations in accordance with the Scottish Government circular PCA (P) 7 (2011).

Pharmaceutical Care Services (PCS) 2022/23 in NHS Fife

This report gives a brief overview of the population of NHS Fife and then provides a detailed description of the current pharmaceutical services that exist within NHS Fife. Data from a range of sources are utilised to establish any unmet need for each of the core Community Pharmacy Contract services, additional services currently provided in NHS Fife are also examined. The extent to which that need is met is examined through assessment of any existing gaps in the provision of both the core pharmaceutical services within the Community Pharmacy contract and the additional services as agreed in NHS Fife.

There are 86 contracted community pharmacies in Fife. These are well distributed across the region and meet the access needs of the vast majority of the population, with no large gaps being identified. In addition the report has not identified unmet need for new community pharmacies across Fife, although the need for the services delivered through existing pharmacies may require ongoing scrutiny.

It would appear that overall there are no identified gaps in provision of pharmaceutical services in NHS Fife and it is important to continue to support development of community pharmacy services through staff training and ensuring a robust infrastructure for continued delivery of pharmaceutical services that meet the needs of the population.

A public engagement period of 4 weeks was provided giving consultees an opportunity to comment on the draft PCS report 2022/23. The NHS Fife public involvement policy comprises of the draft PCS report being circulated through the Participation and Engagement Team and HSCP locality groups. Each year, Boards are required to make their final report available on their website and other routes as informed by local policy.

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INTRODUCTION

The primary function of the Pharmaceutical Care Services (PCS) report is to describe any unmet need for pharmaceutical services within the Health Board population and outline recommendations by the Health Board as to how these needs should be met. A secondary function of the report is to inform and engage members of the public, health professions and planners in the planning of pharmaceutical services. As a descriptor of needs within Boards this report is a data source that Pharmacy Practices Committees are directed to use in assessing need when considering applications to the Pharmaceutical List.

1. Introduction to NHS Fife Health Board Area

The purpose of this section of the report is to describe the NHS Board area in terms of the population demographics, main health indices and urban/rural nature in order to gain an overall picture of the population and its health. This will outline the context within which pharmaceutical services are delivered.

1.1. Geographies to be Considered

NHS Fife contains seven Localities within its Health and Social Care Partnership. The latest data on the population of these areas is indicated in [Table 1](#).

Table 1 -
Population of
NHS Fife and its
Localities

Locality	Population
Fife	374,730
Levenmouth	37,888
Glenrothes	49,824
NE Fife	74,685
Cowdenbeath	41,767
Dunfermline	59,584
Kirkcaldy	60,472
SW Fife	50,510

Source:
[Know Fife Community Profiles | KnowFife](#)

1.2. NHS Fife Population Descriptions

The latest population estimate figures show that Fife grew in 2021 and had the third highest population out of all 32 council areas in Scotland. At June 2021, an estimated 374,730 persons lived in Fife, 600 more people than in 2020, resulting in an annual growth rate of 0.2%. This compares to a national population growth rate of 0.3%.

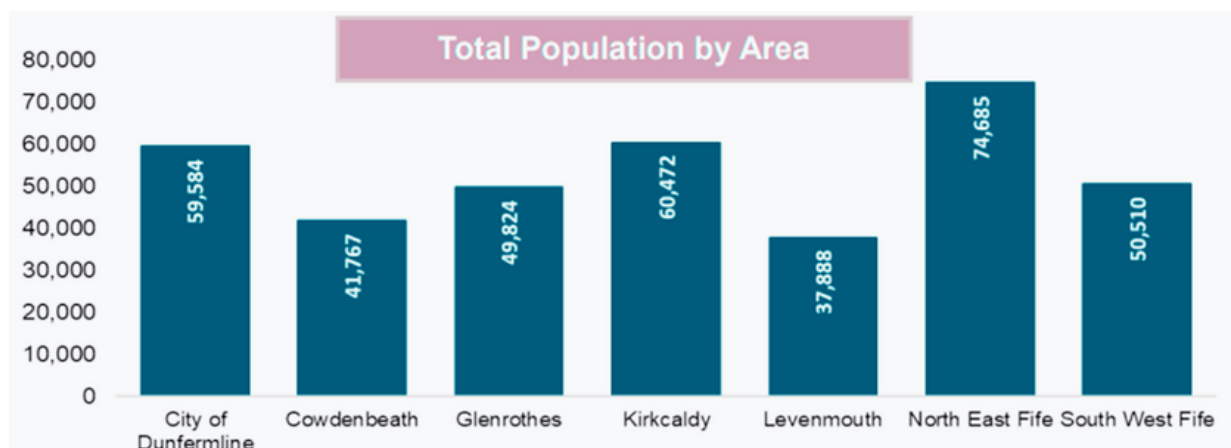
1.2.1. Fife Population: Age Distributions

Children aged 0-15 years make up 17% of the population with 63,680 children living in Fife. The majority of the population in Fife (62%) is aged 16-64 years, whilst 12% of the population is aged 65-74 and 9% aged 75 and over.

1.2.2. Sub-Fife Population: Fife Localities

Seven localities have been created in Fife for the organisation and delivery of services within the Health and Social Care Partnership (HSCP). Figure 1 shows the distribution of population of Fife across the seven locality areas. North East Fife locality has the highest proportion of the Fife population at 20% and Levenmouth locality the lowest at 10%.

Figure 1:
Locality populations



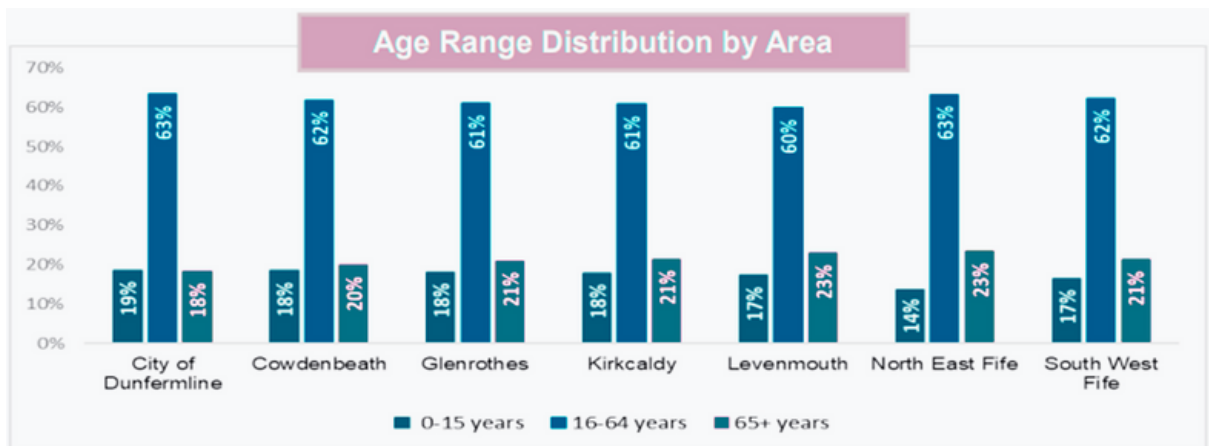
Variations in population age structure can be seen across the seven localities (Figure 2).

Figure 2:
Population breakdown by age

Breakdown by Key Age Groups		
	Number of People	% of Population
0-15 years	63,680	17%
16-64 years	231,635	62%
65+ years	79,415	21%

Figure 3 shows that two of Fife’s seven localities have higher proportions of their population aged 65 and over compared to Fife; Levenmouth (23%) and North East Fife with 23%. In contrast, Dunfermline’s older population is significantly less than Fife at 18% and its proportion of children is the highest of all seven localities at 19%.

Figure 3:
Age structure of Fife



Current population projections estimate that by mid-2028, the population of Fife will be a similar size with a 0.1% decrease in the total population compared to 2018. Within the Fife population the number of people aged under 65 is estimated to fall by mid-2028, but the number of people aged 65-74 is estimated to increase by 10% and the number aged 75 and over by 31%.

1.2.3. Births

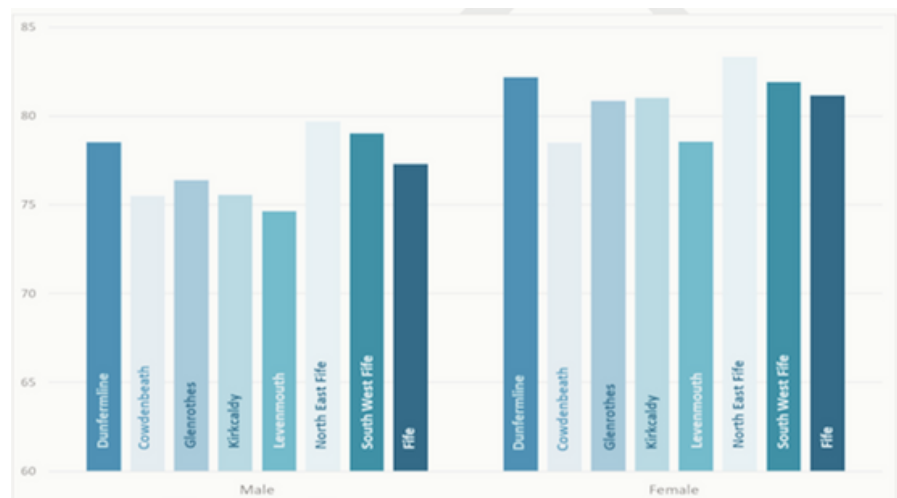
In 2022 there was a 5.3% decrease in the number of babies born in Fife compared to 2021, with 2,990 babies born. Fife was one of 21 council areas in Scotland to see an decrease in birth rates between 2021 and 2022. 8 council areas saw an increase while 3 saw no change. Of the 2,990 babies born in Fife over half (60%) were born to mothers aged 25-34 years, 3% to mothers aged 19 and under and 4% to mothers aged 40 and over. Since 2002 the number of births to mothers aged 19 and under has decreased by 71% whilst births to mothers aged over 40 have increased by 40%.

1.2.4. Life Expectancy

Life expectancy at birth in Fife was 76.8 years for males and 81.0 years for females in 2019-2021. This was a small fall in life expectancy for both males and females since the last estimates of 77.2 and 81.4 respectively between 2018 and 2020, however is higher than national life expectancy of 76.5 years in males and 80.8 years in females. Over the period between 2001-2003 and 2019-2021, life expectancy for both males and females in Fife has risen (3.1% and 2.0% respectively). This compares to a national increase in life expectancy over the same period of 4.1% in males and 2.4% in females.

There is variation in male and female life expectancy within Fife, which is illustrated by the 2016-20 figures for the seven HSCP localities/Area Committees in Figure 4. Both male and female life expectancy were higher than the Fife average in Dunfermline, North East Fife and South West Fife areas and lower than average in the other four areas.

Figure 4:
Male and Female
Life Expectancy;
HSCP Locality/Area
Committee 2016-20



Source:
PHS

However, the full extent of inequality in life expectancy across Fife is most apparent when you look at the differences between most and least deprived areas. In 2016-20 life expectancy in Fife was 10 years lower in the most deprived areas than the least deprived areas among males, and 8 years lower among females. Even wider inequalities were seen across Scotland with life expectancy in the 10% most deprived areas 13.5 years lower among males and 10.5 years lower among females than in the 10% least deprived areas in 2018-20. These differences in national life expectancy have widened since 2013-15.

1.2.5. Ethnic Group

At the 2011 Census the population of Fife was predominantly of white ethnicity (97.6%), with 1.6% Asian ethnicity and 0.8% of people being from minority ethnic groups. We know that there is diversity within the population of Fife (in terms of ethnic group, gender identity and sexual orientation) and findings from the recently held 2022 Census will provide us with a greater insight into this diversity to better understand the future needs of our communities and reduce inequalities in population health between groups.

1.2.6. Deaths

1.2.6.1. All Causes

There were 4,560 deaths in Fife in 2022, a decrease of 0.3% on 2021. Rates of all-cause mortality in Fife in 2020 were below the Scottish average, 1118 per 100,000 population compared to 1212. 36% of these or 1,529 deaths were in the under 75s, which equates to a mortality rate of 421.8 per 100,000 population. In line with deaths at all ages, mortality rates in the under 75s increased from 2019 but remain below the Scottish average of 457 per 100,000 population. There are significant inequalities in mortality rates in the under 75s, which have persisted over the last 10 years. Over this period rates in the under 75s have been between 2 to 3 times higher in the most deprived areas than in the least deprived areas, and the current rate is currently sitting at 2.9 times higher.

Even greater inequalities are seen in the rates of death among those aged 15-44 in Fife. Rates of death in this age group have risen for Fife as a whole since 2013-15, with rates rising from 98.2 per 100,000 population in 2013-15 to 115 in 2020, slightly below the Scottish average of 116 per 100,000 population. During this time rates in the least deprived areas decreased whilst rates in the most deprived areas increased, widening the absolute gap between them. In 2013-15 rates in the most deprived areas were 3.9 times greater than rates in the least deprived areas which rose to 6.7 times greater in 2018-20

1.2.6.2. Causes of Death

Cancer was the leading cause of death among Fife residents in 2020 accounting for 1,112 deaths, 26% of the total number of deaths. Lung cancer was the most common form of cancer death accounting for 23% of all cancer deaths and 6% of all deaths.

As in previous years heart disease was the second most common cause of death among males in Fife accounting for 14%, while in females the second most common cause of death was Dementia and Alzheimer’s disease causing 14% of all female deaths. The impact of the coronavirus pandemic is still being assessed, however, there were 310 deaths recorded where confirmed or suspected COVID-19 was mentioned on the death certificate in 2020.

1.2.6.3. Burden of Disease

Burden of Disease studies assess the years of health lost due to disease and injury, through living in ill-health and from early death, thus preventing populations from living longer lives in better health, These studies can help us understand the disease and injury that causes the biggest health loss in our population, and how these may be experienced differently and change over time. Figures from the 2019 Scottish Burden of Disease study showed that in Fife (and Scotland) the leading groups of causes of health loss were cancers followed by cardiovascular diseases, neurological disorders, mental health disorders and musculoskeletal disorders. These five disease/injury groups accounted for almost two thirds of total burden of health loss across the whole Fife population. Lower back and neck pain, depression and headache disorders were the top three leading individual causes of ill-health in Fife in 2019 and ischaemic heart disease, lung cancer and Alzheimer’s disease and other dementias were the top three individual causes of early death.

Figure 3:
Top Ten Causes of Burden in Fife from Ill-Health and Early Death; 2019

Ill Health		Early Death	
1	Low back and neck pain	1	Ischaemic heart disease
2	Depression	2	Lung Cancer
3	Headache disorders	3	Alzheimer's disease
4	Anxiety disorders	4	Cerebrovascular disease
5	Osteoarthritis	5	Other cancers
6	Diabetes mellitus	6	Drug use disorders
7	Cerebrovascular disease	7	Chronic obstructive pulmonary disease
8	Other musculoskeletal disorders	8	Colorectal cancer
9	Alcohol use disorders	9	Self-harm and interpersonal violence
10	Age-related and other hearing loss	10	Low respiratory infections

Source:
PHS

As our population ages, the contribution to the overall total burden of health loss from ill-health and early death changes. For Fife as a whole 64% of the burden is due to early death and 36% to ill health in the population, however, in younger age groups contribution from early death is much lower, 28% in the age group of 15-24 years, and increases with age to 84% in the those aged 85 and over.

CURRENT PHARMACEUTICAL SERVICES IN NHS FIFE

2.0. Description of Current Pharmaceutical Services in NHS Fife

2.1. Community Pharmacy Services - General Overview

The following section provides a list of the NHS services provided by the 86 community pharmacies in NHS Fife at August 2023.

2.1.1. Number of Community Pharmacies across NHS Fife and by Locality

In August 2023, NHS Fife had 86 community pharmacies located across the seven Fife Localities. Table 2 below lists the number of community pharmacies in each Locality plus selected neighbouring Health Boards. There is no standard as to the number of population that should be served by a pharmacy, however population per Community Pharmacy in Fife is similar to other boards, and is lower than the national average. The distribution of community pharmacies across Fife allows wide access to their many services

Table 2:
Community Pharmacies in NHS Fife (August 2023)

Locality	Population	Community Pharmacies	Population per Community Pharmacy
Fife	374,730	86	4,357
Levenmouth	37,888	10	3,788
Glenrothes	49,824	10	4,982
NE Fife	74,685	18	4,149
Cowdenbeath	41,767	12	3,481
Dunfermline	59,584	13	4,583
Kirkcaldy	60,472	13	4,652
SW Fife	50,510	10	5,051
Other HBs			
Forth Valley	305,710	76	4,022
Lothian	917,310	182	5,040
Tayside	415,030	92	4,511
Scotland	5,479,900	1,255	4,366

2.1.2. Resources - Premises/Facilities

NHS Circular: [PCA\(P\)\(2007\)28](#) Pharmaceutical Services Remuneration Arrangements For 2007-2008: Contract Preparation Payments Premises Guidance and Assessment Tool provides guidance on the premises requirements under the community pharmacy contract. It provides a tool for pharmacies to assess their ability to meet the requirements and produce an action plan for any rectification work that is required to meet those requirements. This guidance aids the planning of any future pharmacy premises or potential relocations.

2.2.2. Resources - Community Pharmacy Workforce

To operate legally each community pharmacy must have at least one pharmacist and all pharmacists must have a minimum qualification of a degree in pharmacy and be registered with the General Pharmaceutical Council. Community pharmacy is supported by a trained and knowledgeable workforce. The workforce ranges from those who provide healthcare and medicines advice from their role as healthcare counter staff and those who work directly in the dispensary. The support staff work in direct contact with the public and are suitably trained to provide advice on numerous health related matters. The pharmacist provides an expert source of knowledge to the support staff, although many staff have developed specialised areas of competence in which they work. As part of community pharmacy development to ensure continued ability to deliver NHS services, work continues to support development of support staff.

Pharmacists have the ability to be independent prescribers. These independent prescribers have in the past been involved in the provision of clinics within Fife, covering numerous specialty areas such as hypertension, stroke, warfarin, vascular, substance misuse, respiratory and pain. Implementation of the national Pharmacy First Plus service has shifted focus to delivering prescribing for common clinical conditions.

Table 3:
Community Pharmacist numbers training or trained with prescribing rights
(August 2023)

Prescribing Status	No. of Pharmacists
Active/Community Pharmacy Independent Prescribers	32
Independent Prescribers training in progress	16
Qualified Independent Prescribers inactive	2

2.2. Community Pharmacy Services - Accessibility of Pharmaceutical Services

2.2.1. Travel times to community pharmacies

Previous national research has indicated that 86% of the population are within 20 minutes travelling time of their pharmacy and 44% are within 10 minutes. This data also showed that 47% of respondents travelled by car and 42% walked. The majority (83%) started and ended their journey at home with only 8% travelling from their place of work. Another UK wide survey showed that 56% of respondents were a short walk away from a pharmacy with an additional 22% further than a short walk but less than one mile. The respondents in this survey reported a mean distance of travel of 0.8 miles to a pharmacy.

The distance the population live from a pharmacy has been calculated for Fife. The information shows similar results to the research findings above. The distance from the pharmacy and the percentage of the population living within this distance are shown in the Table 4.

Table 4:
Percentages of the Fife population living within various distances of their nearest pharmacy

Distance population live from their nearest pharmacy	Percentage of population living within the distance
Quarter of a mile of pharmacy	28.4%
Half a mile of pharmacy	65.8%
Within one mile of pharmacy	88.5%
Within 2 miles of pharmacy	96.6%
Within 4 miles of pharmacy	99.8%
Within 6 miles of pharmacy	100%

1. Distances are "as the crow flies" straight line distances, not travel time
2. Distances are calculated from the grid reference of Fife pharmacies via the postcode and the mean value of the grid references for postcode within a data zone

The information above shows that 88.5% of the Fife population lives within 1 mile of their nearest pharmacy. It cannot be assumed that the population will necessarily use the nearest pharmacy but location has been shown to be critical in the access to pharmaceutical services. It should be noted that NHS Fife is the third most densely populated of all Scottish Health Boards.

Survey results as part of the Office of Fair Trade review of the control of entry regulation and retail pharmacy services in the UK demonstrated that 89% of people found the location of their pharmacy easy to get to from home. Convenience of the pharmacy location is related to the distance required to travel to the pharmacy by the population that they serve.

2.2.2. Hours of Service

Pharmacies in Fife provide opening hours that must cover 9.00am to 5.30pm on 5 days of the week in which they can be closed for 1 hour during the middle of the day and offer one day per week of an 9am to 1pm opening ([NHS Fife General Pharmaceutical Services: Hours of Service Scheme](#)). In summary this shows that each contracted pharmacy must be open five and a half days per week. There are some local variations on these hours that have been agreed by the NHS Board based on local circumstances to suit the requirements at individual locations.

Several pharmacies have extended hours to 6pm and many offer a service on Saturday and some on Sundays. See Table 5 for a summary of the hours of service of community pharmacies in Fife.

Table 5:
Summary of the hours of service of the 86 community pharmacies in Fife (August 2023)

	Open 5 full days per week (closed Saturday)	Open 4.5 days Mon - Fri then half day Saturday	Open 5.5 days per week	Open up to 6 full days per week	Open 7 days per week
TOTAL	5	6	47	22	6

NHS Fife provision of pharmaceutical services on a Sunday is similar to other NHS Board areas.

It should be noted that all 6 community pharmacies which open on a Sunday are located in the same areas/towns as the Unscheduled Care Services Fife Centres, where prescriptions on a Sunday will be generated from.

2.3. Community Pharmacy Services - Core Services

2.3.1. Acute Medication Service (AMS)

AMS is the provision of pharmaceutical care services for acute episodes of care and electronically supports the dispensing of acute prescriptions and any associated counselling and advice. AMS is provided by all 86 community pharmacies in Fife.

In terms of absolute activity relating to prescribing, 7,254,100 prescription items were dispensed in NHS Fife in 2021/22 See table 6 for the volume of prescription items dispensed in Fife over the last 5 financial years.

Table 6:
Volume of prescription items dispensed in Fife over period April 2017 to March 2022

Financial Year	No. of prescription items dispensed
2021-22	7,254,100
2020-21	6,917,140
2019-20	7,142,940
2018-19	6,914,950
2017-18	6,969,064

2.3.2 Medicines: Care and Review

Medicines: Care and Review (MCR) is a revised model of the Chronic Medication Service (CMS) which commenced in April 2009, with NHS Fife being the early adopter board. Medicines: Care and Review (MCR) allows patients with long-term conditions to register with the community pharmacy of their choice for the provision of pharmaceutical care as part of a shared agreement between the patient, the GP and the pharmacist. One element of MCR allows the GP to generate a patient's prescription for a 24, 48 or 56 week period. In this period the patient is only required to visit the pharmacy to pick up their medication. This process sends electronic messages between the pharmacy system and GP practice system to update the GP record with the dispensing information. The pharmacist is required to complete a medication review and care plan with the patient within 16 weeks of patient registration.

All Health Boards are now working towards the aim of having all of their GP practices and Community Pharmacies providing the serial prescribing element of the service. One of the key changes to the revised service is that GP practices will now be allowed to identify patients suitable for serial prescriptions without the need for an initial registration for the service by a community pharmacy. This Community Pharmacy registration will now follow the GP intervention.

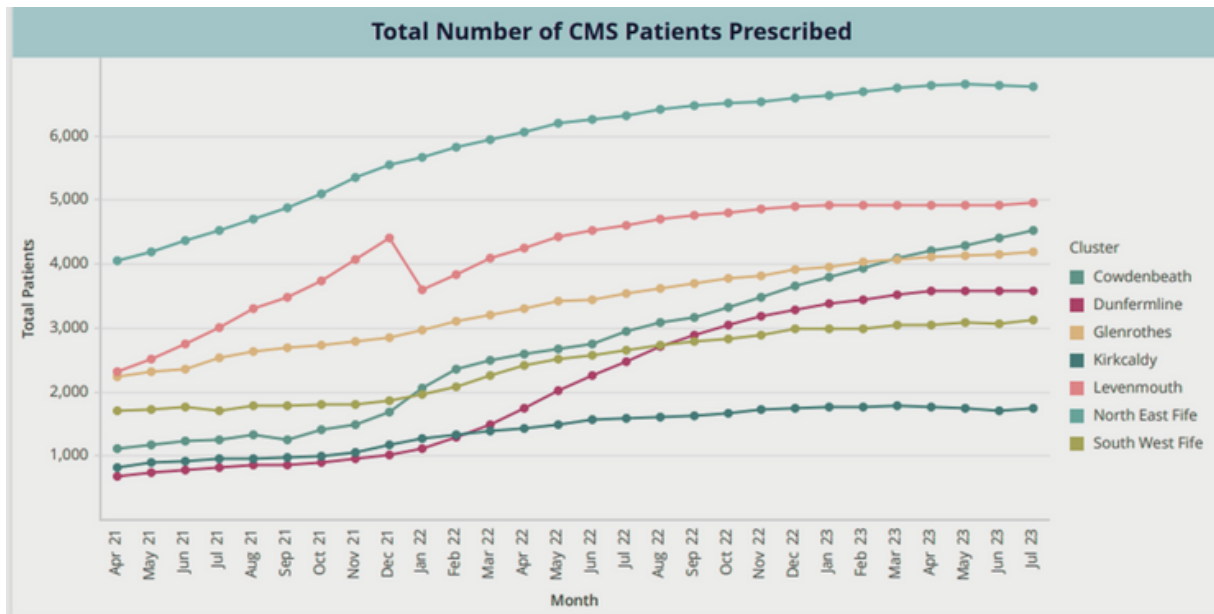
NHS Fife currently has 51 GP practices (93%) generating serial prescriptions with 82 (95%) pharmacies involved in processing them. We continue to work with practices and pharmacies to encourage uptake, with an emphasis on supporting keen practices to increase the numbers of their patients receiving serial prescriptions.

Table 7 shows the number of patients registered for MCR in Fife compared to neighbouring health boards and Figure 4 shows the number of patients receiving a serial prescription by prescribing locality.

Table 7:
Number of MCR registered patients as at end March 2023 in Fife and selected neighbouring Health Boards

Health Board Area	No. of CMS registered patients	No. of CMS registered patients per 1,000 of population
Fife	65,600	175
Tayside	78,488	188
Forth Valley	48,111	157
Lothian	111,182	121
Scotland	910,840	166

Figure 4:
Patients receiving a serial prescription by locality Apr 21-Jul 23



2.3.3 Pharmacy First

In July 2020 the Pharmacy First service was implemented to replace the previous Minor Ailment Scheme. This service is delivered by all 86 community pharmacies in Fife and is available free of charge to eligible patients who require advice and/or treatment for minor ailments. When a patient accesses this service they receive a consultation which will result in one of three outcomes- supply of an appropriate medicine if indicated, advice only or referral to their GP or other healthcare professional. An average of 21,580 patients receive a Pharmacy First consultation monthly with an average of 17,627 medication items supplied. Five national Patient Group Directions (PGDs) have been introduced to provide treatment for Urinary Tract Infections, Impetigo, Shingles and Skin Infections allowing patients who would normally require a GP consultation for treatment to attend their pharmacy instead.

Figure 5 shows the number of items per week between April 22 and March 23 dispensed throughout Fife via the Pharmacy First service. Figure 6 shows the number of patients per week receiving a Pharmacy First consultation for the same period.

Figure 5:
NHS Fife PharmacyFirst items dispensed Apr 22- Mar 23

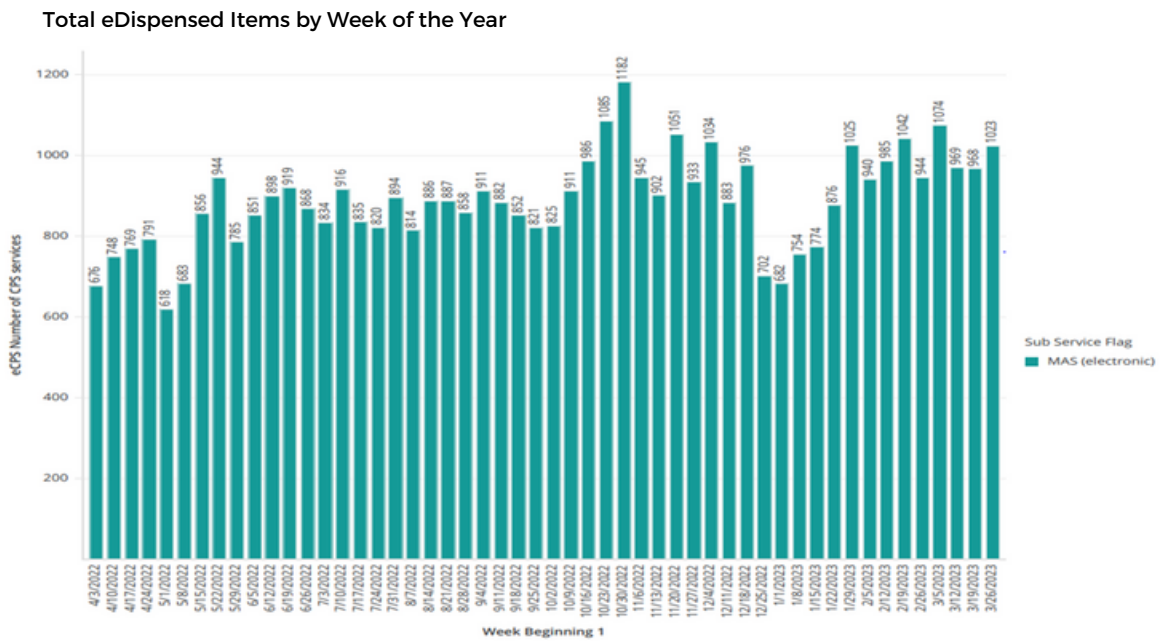
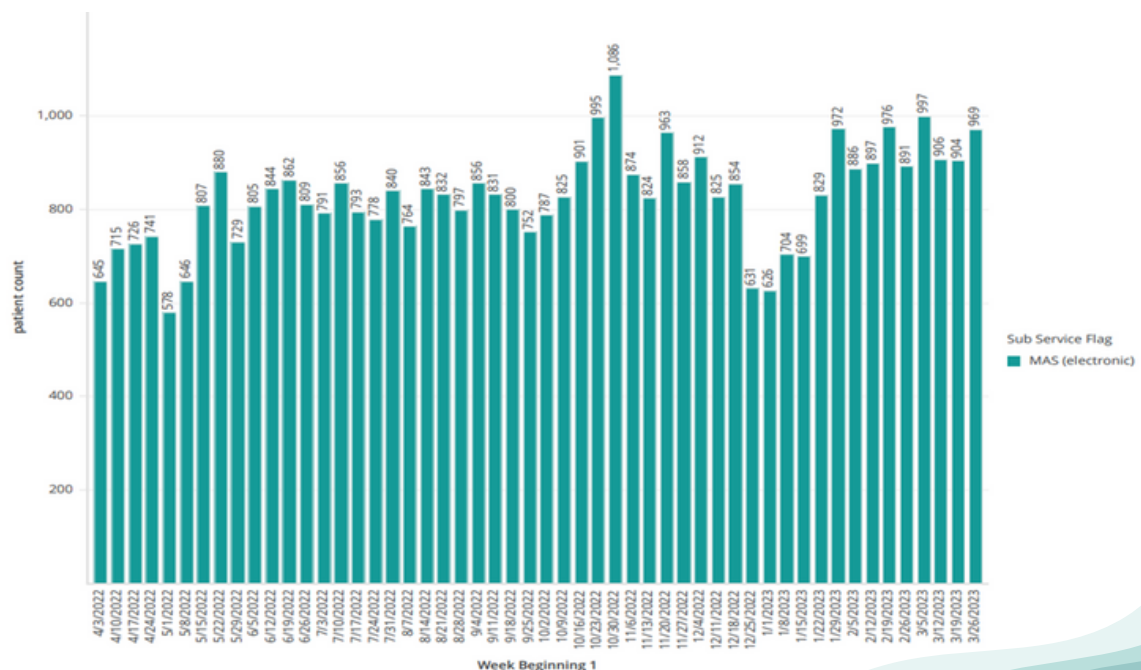


Figure 6:
NHS Fife Pharmacy First patient consultations Apr 22-Mar 23



2.3.4. Public Health Service

The Public Health Service (PHS) comprises of the following services:

The provision of advice to patients or members of the public on healthy living options and promotion of self care in circumstances where in the professional opinion of the pharmacist it is appropriate to do so or by request from a patient or member of the public

Making available for use by patients and members of the public a range of NHS or NHS approved health promotion campaign materials and other health education information and support material

Participating in health promotion campaigns, each campaign being on display and visible within a pharmacy for at least six weeks, agreed nationally by Scottish Ministers and a body deemed to be representative of community pharmacy contractors. Between these campaigns generic display material will be made available by the Scottish Ministers for use by PHS providers if they wish

Where agreed between a PHS provider and the Health Board, participation in locally agreed health promotion campaigns in the intervals between the national campaigns as described in the above paragraph.

There are three patient service elements of the public health service

2.3.4.1. Stop Smoking Services

The service consists of the provision of a stop smoking service comprising support and advice together with the supply of nicotine replacement therapy (NRT) or varenicline via a Patient Group Direction over a period of up to 12 weeks, in order to help smokers successfully stop smoking. The Community Pharmacy Stop Smoking Service is delivered by all 86 community pharmacies in Fife.

The community pharmacy service contributes significantly to the yearly NHS Fife smoking cessation Local Delivery Plan (LDP) Target. For financial year 22/23, 77% of all quit attempts made in Fife came from the community pharmacy stop smoking service (with 23% via non-pharmacy services). The LDP standard target of successful 12 week quits in the most deprived areas, i.e. 40% most deprived data zones, was 473. Fife did not achieve the LDP target in 22/23 however there were 301 successful 12 week quits in this population in 22/23, 67% of these quits were via the Community Pharmacy service.

2.3.4.2. Emergency Hormonal Contraception

The introduction of a national PHS service for emergency hormonal contraception (EHC) in August 2008 has ensured equitable access to the population of Fife. Community pharmacies continue to issue over 80% of the total EHC prescribed/supplied in NHS Fife. This service comprises of the provision of advice on sexual health matters and the supply of EHC (as levonorgestrel or ulipristal) to women aged 13 years and above, where appropriate. This service is delivered by all 86 community pharmacies in Fife. On average, 362 prescriptions are generated for EHC by community pharmacists each month.

2.3.4.3. Bridging Contraception

A new addition to the PHS in November 2021, Community Pharmacists can provide a patient with “bridging contraception”, a short-term supply of desogestrel to give them time to access their GP or sexual health services for a long term contraception arrangements. This service aims to increase access to contraception and reduce the incidence of unplanned pregnancy. 540 consultations took place for this Service between April 2022 and March 2023.

2.3.4.4. Supply of Prophylactic Paracetamol following MenB Vaccine

This Community Pharmacy Public Health Service was introduced in October 2015 and allows the supply of prophylactic paracetamol via PGD to babies receiving the MenB vaccine at 2 months and 4 months. The preferred model across NHS Fife for supply of prophylactic paracetamol is solely via the community pharmacy service.

2.4. Community Pharmacy Services - National Services

Whilst core services must be delivered by all community pharmacies on the pharmaceutical list, the National suite of services is optional. That said, for many of these services, the vast majority of pharmacies in Fife offer them.

2.4.1. Gluten Free Food Service

The National Community Pharmacy Gluten Free Food Service was introduced in October 2015. This enables patients with a diagnosis of coeliac disease and/or dermatitis herpetiformis to obtain gluten free foods directly from a local pharmacy without the need to request a prescription from the GP Practice. NHS Fife has developed a Gluten Free Food Formulary and a patient leaflet is available.. Patients are given an agreed allocation of Gluten Free units and are able to choose which staple foods they require from the Fife Gluten Free Formulary.

Pharmacists are required to register patients, complete a PharmacyCare Record (PCR), and carry out an initial healthcheck with each patient and thereafter an annual health check with patients using this service. All 86 NHS Fife community pharmacies have signed up to this service. Alternatively patients can choose to remain with their GP practice to request their prescription for gluten free foods.

2.4.2. Unscheduled Care

Unscheduled care can be described as:

“NHS care which cannot reasonably be foreseen or planned in advance of contact with the relevant healthcare professional, or is care which, unavoidably, is out with the core working period of NHS Scotland. It follows that such demand can occur at any time and that services to meet this demand must be available 24 hours a day.”

In the past the largest group of patients requiring unscheduled care tended to use one of the following routes:

- an urgent appointment with their GP advice from NHS 24
- referral to the Out of Hours service via NHS 24

More recently service developments in community pharmacy have led to pharmacies becoming an important access route for people requiring unscheduled care particularly over weekends and public holidays. One of the tools available to pharmacists is the National Patient Group Direction for the Urgent Supply of Repeat Medicines and Appliances to allow pharmacists to provide an emergency supply of medication free of charge if necessary. Community Pharmacies can also use a Direct Referral process to local Out of Hours services where the pharmacist feels that the patient has an urgent medical need that cannot be adequately treated within the pharmacy.

2.4.3. Stoma Service

From 1 July 2011 suppliers of stoma appliances must be entered on the NHS Scotland list of approved suppliers. Stoma service providers are expected to comply with the agreed standards for service provision. All NHS Fife community pharmacies have currently registered to provide this service. In addition other appliance suppliers also provide this service giving NHS Fife adequate coverage for this service.

2.4.4. Pharmacy First Plus

From September 2020, the NHS Pharmacy First Plus service was introduced by the Scottish Government, aiming to maximise the pharmacist's expertise in medicines by providing the opportunity for Pharmacist Independent prescribers to manage acute common clinical conditions within Community Pharmacy. The pharmacist must be available to provide the service for a minimum of 25 hrs per week for a minimum of 45 weeks of a rolling year. In Fife there are currently 20 pharmacies providing this service, an average of 456 patients were treated per month from January 2021 to January 2022. NHS Fife is supporting the expansion of the number of qualified Pharmacist Independent Prescribers which in turn will support the expansion of the Pharmacy First Plus service.

2.5. Community Pharmacy Services - Additional Services

There are several additional services agreed within NHS Fife. These are locally negotiated contracts and as such not all pharmacies participate in these services. It is the responsibility of the NHS Board to ensure that these additional services meet the needs of the population. This does not mean however that the population requires these services equally across geographical areas or that it is necessary to provide them from every community pharmacy. These services might not be provided entirely by pharmacy alone and so provision must be looked at in the context of wider healthcare services.

Table 16:
Summary of the
Numbers of Community
Pharmacies providing
Additional Services (at
April 2023)

Additional Services	Total
Dispensing/supervision of Opioid substitution therapy	86
Injecting equipment provision	25
Take home Naloxone	36
Advice to Care Homes	53
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2.5.1 Substance Use

Opioid Substitution Therapy (OST) with methadone or buprenorphine is a well-established treatment for opioid dependent patients. OST reduces harm to the individual and society by reducing the injecting of drugs which in turn helps to reduce the spread of potentially fatal blood borne viruses such as Hepatitis B, C and HIV. It can also help to stabilise and decriminalise the lives of drug users and integrate them back into society.

2.5.1.1. Opioid Substitution Therapy(OST)

Supervised self-administration of OST has become a key component of any OST programme. Supervision is undertaken at the request of the prescriber and is a clinical decision based on the patient's stability, home circumstances and progress through treatment. Supervision ensures that adequate blood and tissue levels of methadone are maintained and helps to prevent diversion onto the illicit market. The use of community pharmacies for dispensing methadone allows patients to be treated in their own communities. Community pharmacists are the best placed healthcare professionals to carry out the supervision of OST. A valuable supportive relationship can develop between the community pharmacist and the patient. Daily contact allows the pharmacist to monitor patient compliance (e.g. missed doses) and suspected misuse of illegal drugs and alcohol. It also allows the pharmacist to provide health promotion advice.

Currently all pharmacies in Fife dispense and supervise OST when requested by the prescriber. The majority of pharmacies are able to provide supervision either in a consultation room or an area screened off from general view.

2.5.1.2. Injecting Equipment Provision

Injecting equipment is provided with the aim of reducing the transmission of blood borne viruses spread by the sharing of injecting equipment; to protect the public from discarded equipment; to make contact with people who inject drugs who are not in contact with drug treatment services; and to improve access to health and harm reduction advice.

Additional funding secured from Fife Alcohol Drug Partnership (ADP) has enabled an extension to the network, from 19 to 25 pharmacies. Participating pharmacies are identified in appendix 1. Injection equipment is provided in pre-packed packs standardised throughout Scotland via national procurement.

Injecting equipment providers are asked to encourage clients to use a new set of works for every injection. Eight different packs are available, including two suitable for steroid users. Data is collected at each transaction and forwarded to Information Services Division for input to the annual report.

2.5.1.3. Take-Home Naloxone (THN)

This service allows community pharmacists and their support staff to provide the necessary training in overdose recognition, basic life support, use and supply of naloxone to persons at risk and family members. Additional funding provided by the ADP in 2020 has allowed this service to expand from 8 to 36 pharmacies across Fife, further uptake of the service continues to be encouraged.

2.5.2. Pharmaceutical Advice to Care Homes

Community pharmacies provide a service to Care Homes to provide advice on safe keeping and correct administration of drugs and medicines to residential and nursing homes. The service specification for this service is due for review in 2023/24.

2.5.3. Palliative Care Network

The aim of this service is to provide a network of community pharmacists throughout Fife, who are able to meet the pharmaceutical care needs of palliative care patients. The key services provided are:

- Dispensing of specialist palliative care medicines
- Providing advice and information on the use of these medicines to patients/carers and healthcare professionals
- Liaising with the patients' usual community pharmacist and primary healthcare team to ensure continuity of supply of the specialist medicine(s).

Additional funding secured from Scottish Government over the last few years has enabled an extension to the network, from 15 to 22 pharmacies, participating pharmacies are identified in appendix 1.

2.5.4. Just in Case Programme

A 'Just in Case - JIC' programme is delivered from community pharmacies. Such a programme has been advocated by the Scottish Government through 'Living and Dying Well - a national action plan for palliative and end of life care in Scotland'. The NHS Fife Action Plan contains as part of action 6: 'To identify if there are areas or circumstances within NHS Fife where the use of 'Just in Case' boxes would improve the accessibility of medicines likely to prevent hospital admissions'. JIC relies on appropriate anticipatory prescribing which forms part of wider anticipatory care planning processes.

The programme was developed with the NHS Fife Palliative Care Guidelines Group and the Network of Palliative Care Community Pharmacy Development Group. The programme uses the already established Fife Network of Palliative Care Community Pharmacies to work closely with the patient's Primary Care team to monitor the supply of boxes and the medicines contained therein.

Avoidable hospital admissions and GP out of hours calls are being prevented. Where a JIC box is issued and subsequently used, 99% of patients were found to be able to remain in their preferred place of care i.e. home. Feedback from both health professionals and patients and their families are that having the JIC at home is greatly reassuring. This successful scheme has now been extended to make it available to all patients at the end of life e.g. heart failure and chronic obstructive pulmonary disease.

2.5.5. Prescribed Sharps Disposal Service

All 86 community pharmacies take part in a prescribed sharps disposal service. Patients take their full (sealed) sharps bin to their local pharmacy and exchange it for a new one. The main driver for the service is to reduce the risk to patients, staff and the public of sharps disposed of in domestic waste, articulated by Fife Council, Healthcare Environment Inspectorate (HEI) and NHS Fife Health Board.

The service provides patients with a safe and convenient route for the disposal of sharps.

By providing a convenient route for disposal this reduces the amount of sharps stored in patients' homes, thus reducing the risk of accidental needle-stick injuries and reduces the environmental damage caused by inappropriate disposal methods for sharps.

2.5.6. Hepatitis C Treatment

In line with national frameworks to allow patients to access medication in local healthcare settings, the NHS Fife Specialist Hepatitis C service based at Whyteman's Brae and Queen Margaret Hospitals works with community pharmacies across NHS Fife to support the community supply of antiviral medication for treatment of Hepatitis C. All 86 pharmacies participate in this service. Between April 22 and March 23 there were 40 patients received treatment for Hepatitis C via community pharmacy.

2.5.7. Chlamydia Treatment

NHS Fife introduced a new local service in March 2021 that is delivered from Community Pharmacies. Patients can now be treated for Chlamydia using a Patient Group Direction for doxycycline when the patient/sexual contact presents a voucher that they have received from the 'Sexual Health Fife' team. 60 pharmacies participate in this service. Between April 22 and March 23, 235 people received treatment for chlamydia via community pharmacy.

2.5.8. Free Condoms Fife Scheme

Community Pharmacies participate in the “Free Condoms Fife” Scheme, where supplies of condoms are made freely available to the public to pick up from a discrete area within the pharmacy.

2.5.9. Vaccination Services

Community pharmacies across Fife took part in three successful NHS influenza vaccination service campaigns in the 2020/21, 2021/22 and 2022/23 flu seasons delivering over 34,000 vaccinations over the three years of activity. Offering this service via community pharmacies allows agreed eligible groups to access flu vaccinations in a setting closer to home.

As part of the Vaccination Transformation Programme, 21 Community Pharmacies commenced provision of NHS travel vaccination on behalf of Fife Health and Social Care Partnership in April 2022, participating pharmacies are identified in appendix 1. Between April 2022 and March 2023, 2,752 citizens received a travel vaccination consultation in a community pharmacy and 3,801 vaccines were administered, and average of 1.4 vaccines per citizen. It should be noted that alongside administration of NHS available travel vaccines, participating community pharmacies are also asked to provide any private vaccines required. The geographical provision of this service will be reviewed in 2023 with the potential of adding up to 6 new community pharmacies should the need be identified,

ANALYSIS OF PHARMACEUTICAL NEEDS IN NHS FIFE

3. Analysis of Pharmaceutical Needs within NHS Fife

Information on both the health of the population of Fife and the services currently provided by community pharmacies has been detailed in the previous sections of the report. This has allowed adequate information to be considered to contemplate what the implications of this are for the future of the community pharmacy service within NHS Fife.

It would appear that overall there are no identified gaps in provision of pharmaceutical services in NHS Fife. These services are well distributed across the region and meet the access needs of the vast majority of the population, with no large gaps being identified. In addition the report has not identified unmet need for new community pharmacies across Fife, although the need for the services delivered through existing pharmacies may require ongoing scrutiny.

3.1. Number of Community Pharmacies

There are 86 contracted community pharmacies in NHS Fife. These are well distributed across the region & appear to meet the access needs of the vast majority of the population. Since 2009, there have been eight new community pharmacy contracts awarded in NHS Fife; one in each of the seven Localities ahead of the most recent opening in the Dunfermline Locality.

3.2. Hours of Service

There would appear to be no under provision in terms of opening hours for NHS Fife with adequate out of hours opening mirroring the current Unscheduled Care Service Fife geography.

3.3. Pharmacy Workforce

There has been an increase in pharmacists who are either independent prescribers or working towards this qualification. The introduction of Pharmacy First Plus allows Community Pharmacist to utilise their prescribing qualifications order to provide pharmaceutical care and contribute to the transformation of urgent care agenda.

The COVID-19 pandemic has impacted on the pharmacy workforce and there are reports from some contractors of increasing difficulty in securing permanent pharmacists, together with a scarcity of available locum pharmacist cover, this is affecting Health Boards across NHS Scotland including NHS Fife.

3.4. Community Pharmacy Services - Core Services

3.4.1. Acute Medication Service

Prescription numbers remain stable within NHS Fife and with no significant increase in demand there is therefore no increase in need for any further Community Pharmacy provision.

3.4.2. Medicines: Care and Review

Work continues on increasing engagement in this service, there is currently no unmet need.

3.4.3. Pharmacy First

As all patients registered with a GP or living in Scotland can access the NHS Pharmacy First Scotland service there is no unmet need in the provision of consultation and treatment for common clinical conditions from a community pharmacy. However, unmet need will arise in urgent care provision should the current pharmacy weekend and extended opening hours in a local area reduce.

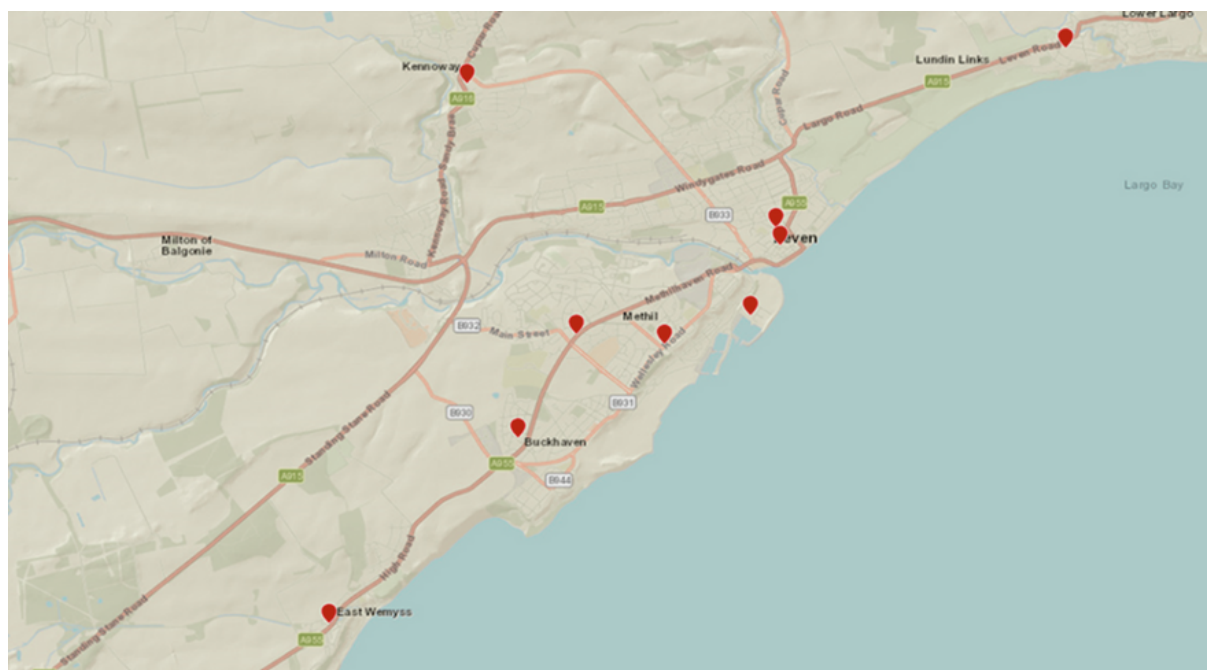
3.4.4. Public Health Services

Public Health Services provided as part of the core Community Pharmacy contract continue to be supported within Fife, and this element of the contract has made a significant contribution to harm reduction and women's health. There is no current unmet need, however the Scottish Government's Women's Health plan may introduce further expectations of pharmaceutical service provision that may impact this position in the future.

3.5. Community Pharmacy Services – National and Additional Services

The Additional Services developed under the Community Pharmacy Contract have made a fundamental contribution to the health of the population. Several community pharmacy services are negotiated at a local level and there is potential to review each of those on an ongoing basis, to ensure that the services delivered still meet the needs of the local population.

APPENDIX 1A



There are 10 Pharmacies in the Levenmouth Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
BOOTS THE CHEMIST	MERLIN CRESCENT, BUCKHAVEN, KY8 1HJ			
WEMYSS PHARMACY	UNIT 2, 21 MAIN ROAD, EAST WEMYSS, KY1 4RE			✓
LLOYDS PHARMACY LTD NOW KENNOWAY PHARMACY	19 BISHOPS COURT, KENNOWAY, KY8 5LA	✓		✓
BOOTS THE CHEMIST	47 HIGH STREET, LEVEN, KY8 4NE	✓		
LEVEN PHARMACY	12-14 COMMERCIAL ROAD, LEVEN, KY8 4LD		✓	✓
OMNICARE PHARMACY LTD	30 COMMERCIAL ROAD, LEVEN, KY8 4LD		✓	✓
LUNDIN LINKS PHARMACY	2 EMSDORF STREET, LUNDIN LINKS, KY8 6AB			
BOOTS THE CHEMIST	AJAX WAY, METHIL, KY8 3RS	✓		
OMNICARE PHARMACY LTD	345 METHILHAVEN ROAD, METHIL, KY8 3HR	✓	✓	✓
WELL PHARMACY	303 WELLESLEY ROAD, METHIL, KY8 3BS			

There are six GP Practices in the Levenmouth Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
21257	SCOONIE MEDICAL PRACTICE	162,749	19.99%
21524	AIRLIE MEDICAL PRACTICE	147,831	18.16%
21505	METHILHAVEN SURGERY	132,447	16.27%
20108	MUIREDGE SURGERY	125,900	15.47%
21276	DRS PAGE, MCDONALD & STEVENSON	72,188	8.87%
20856	KENNOWAY MEDICAL GROUP	71,294	8.76%
	TOTAL	712,409	87.51%
	Other Prescribers	101,661	12.49%

There was a total of 814,070 items dispensed between all ten pharmacies, with:

- 31,621 unique patients
- 83.07% of patients having 2 or more forms
- 362 patients being recorded as Care Home patients

87.51% of GP10 prescriptions dispensed by the pharmacies, originated from GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	28,341	730,289	89.71%
NURSES - PRESCRIPTION FORMS	3782	29,736	3.65%
MINOR AILMENTS SCHEME	10,302	24,259	2.98%
URGENT SUPPLY OF MEDICINES	6600	17,999	2.21%
HOSPITAL ADDICT FORM	406	4951	0.61%
DENTIST PRESCRIPTION FORM	596	2779	0.34%
HOSPITAL FORM	564	2670	0.33%
PHARMACISTS PRESCRIPTION FORM	190	801	0.10%
STOCK ORDER FORM	0	465	0.06%
FOREIGN FORM - ENGLISH/WELSH	0	119	0.01%
FOREIGN FORM - ENGLISH/WELSH DENTAL FORM	0	1	0.00%
FOREIGN FORM - WELSH GP	0	1	0.00%

Breakdown of all prescription items by top 5 therapeutic areas (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CENTRAL NERVOUS SYSTEM	17,224	214,109	26.30%
CARDIOVASCULAR SYSTEM	11,269	172,722	21.22%
GASTRO-INTESTINAL SYSTEM	12,211	80,562	9.90%
ENDOCRINE SYSTEM	7572	70,488	8.66%
RESPIRATORY SYSTEM	9321	65,330	8.03%

Core Services

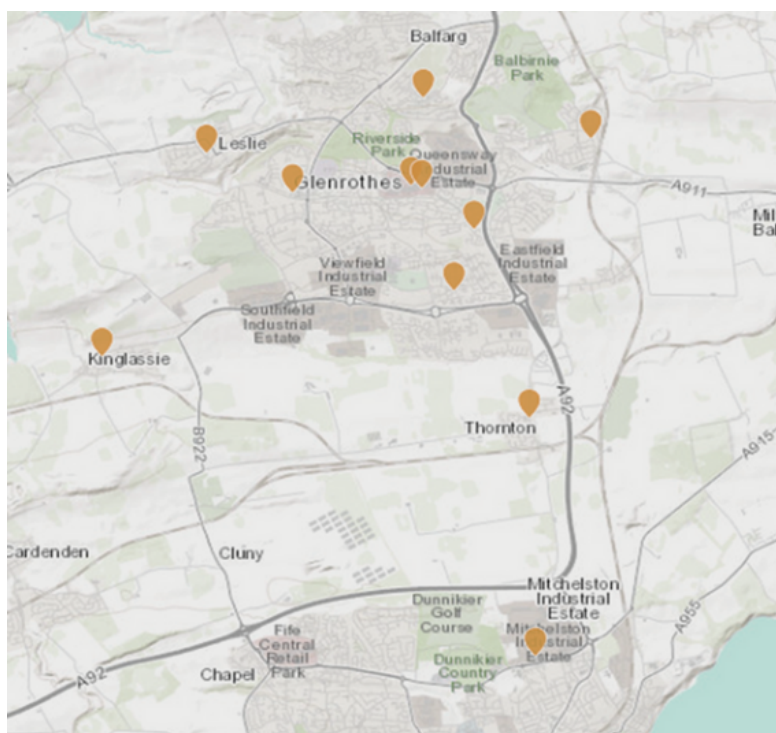
Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	5483	13,093	72.74%
Public Health Service	621	3898	21.66%
Urinary Tract Infection	480	546	3.03%
Health Board Local Service	147	250	1.39%
Skin Infection	96	101	0.56%
Impetigo	87	89	0.49%
Shingles	19	22	0.12%

A total of 6600 unique patients received 17,999 items on Urgent Supply / Public Health Prescription/Pharmacy First PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First)

APPENDIX 1B



There are 10 Pharmacies in the Glenrothes Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
BOOTS THE CHEMIST	COS LANE, GLENROTHES, KY7 4AQ		✓	
BOOTS THE CHEMIST	14 LYON SQUARE, GLENROTHES, KY7 5NR	✓	✓	
CADHAM PHARMACY	8 CADHAM CENTRE, GLENROTHES, KY7 6RU		✓	✓
DEARS PHARMACY & TRAVEL CLINIC	3 GLAMIS CENTRE, GLENROTHES, KY7 4RH	✓		✓
LLOYDS PHARMACY	UNIT 6, MINTO PLACE, GLENROTHES, KY6 1PD			
SUPERDRUG PHARMACY	10 FALKLAND GATE, KINGDOM CENTRE, GLENROTHES, KY7 5NS			
KINGLASSIE PHARMACY	50 MAIN STREET, KINGLASSIE, KY5 0XA			
LLOYDS PHARMACY	LESLIE MEDICAL PRACTICE, LESLIE, KY6 3LQ			
DEARS PHARMACY & TRAVEL CLINIC	53 HIGH STREET, MARKINCH, KY7 6DQ			✓
W DAVIDSON & SONS	76 MAIN STREET, THORNTON KY1 4AG,			

There are seven GP Practices in the Glenrothes Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
20659	COS LANE SURGERY	167,492	15.95%
20611	NORTH GLEN MEDICAL PRACTICE	159,936	15.23%
20663	ROTHES MEDICAL PRACTICE	152,904	14.56%
20606	THE LOMOND PRACTICE	141,482	13.47%
20630	THE GLENWOOD PRACTICE	115,228	10.97%
21153	LESLIE MEDICAL PRACTICE	106,779	10.17%
	Top 6 Practices	843,821	80.35%
	Other Prescribers	206,298	19.65%

There was a total of 1,050,119 items dispensed between all 10 pharmacies, with:

- 43,319 unique patients
- 80.48% of patients having 2 or more forms
- 317 patients being recorded as Care Home patients

80.35% of GP10 prescriptions, dispensed by the pharmacies, originated from the top 6 GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	38,167	940,975	89.61%
NURSES - PRESCRIPTION FORMS	4701	48,829	4.65%
MINOR AILMENTS SCHEME	12,217	27,562	2.62%
URGENT SUPPLY OF MEDICINES	6863	17,127	1.63%
DENTIST PRESCRIPTION FORM	691	5322	0.51%
HOSPITAL FORM	733	3567	0.34%
PHARMACISTS PRESCRIPTION FORM	925	3223	0.31%
HOSPITAL ADDICT FORM	285	2862	0.27%
STOCK ORDER FORM	0	599	0.06%
FOREIGN FORM - ENGLISH/WELSH	0	46	0.00%
IRISH FORM	0	3	0.00%
FOREIGN FORM - WELSH GP	0	2	0.00%
HOSPITAL NURSE FORM	0	2	0.00%

Breakdown of all prescription items by top 5 therapeutic area (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CENTRAL NERVOUS SYSTEM	21,797	258,475	24.61%
CARDIOVASCULAR SYSTEM	15,020	227,485	21.66%
GASTRO-INTESTINAL SYSTEM	16,157	104,759	9.98%
ENDOCRINE SYSTEM	9931	96,763	9.21%
RESPIRATORY SYSTEM	12,389	82,990	7.90%

Core Services

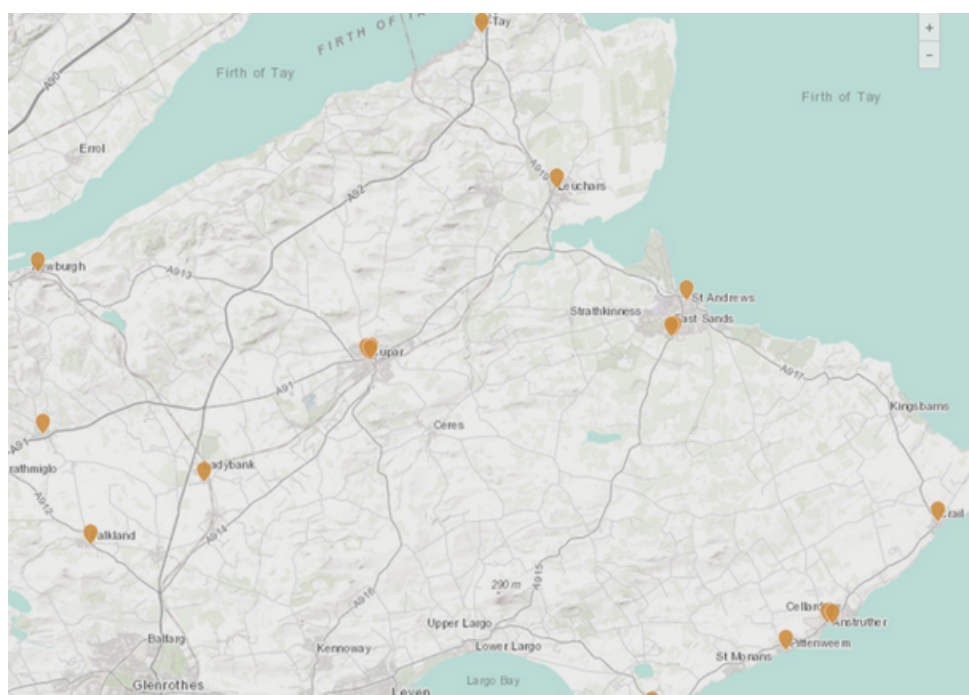
Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	5280	10,908	63.69%
Public Health Service	712	4367	25.50%
Urinary Tract Infection	694	813	4.75%
Health Board Local Service	244	764	4.46%
Skin Infection	146	157	0.92%
Impetigo	72	79	0.46%
Shingles	24	27	0.16%
COVID	7	12	0.07%

A total of 6863 unique patients received 17,127 items on Urgent Supply / Public Health Prescription/Pharmacy First PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First)

APPENDIX 1C



There are 18 Pharmacies in the NE Fife Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
EAST NEUK PHARMACY	23 RODGER STREET, ANSTRUTHER, KY10 3DU		✓	✓
T & K BROWN LTD	31/32 SHORE STREET, ANSTRUTHER, KY10 3AQ	✓		
ROWLAND PHARMACY	42 HIGH STREET, AUCHTERMUCHTY, KY14 7AP		✓	
CRAIL PHARMACY LTD	18-20 HIGH STREET, CRAIL, KY10 3TE			
BOOTS THE CHEMIST	2-6 ST CATHERINE STREET, CUPAR, KY15 4BT			
LLOYDS PHARMACY	1 CROSSGATE, CUPAR, KY155HA			
ROWLAND PHARMACY	45-47 BONNYGATE, CUPAR, KY154BY	✓	✓	
W DAVIDSON & SONS	42 HIGH STREET, ELIE, KY9 1DB			✓
LOMOND PHARMACY	LIQUORSTANE BUILDINGS, FALKLAND, KY15 7FH			
W DAVIDSON & SONS	30 COMMERCIAL ROAD, LADYBANK, KY15 7JS			
LEUCHARS PHARMACY	THE POST OFFICE, 14 MAIN STREET, LEUCHARS, KY160HN			✓
W DAVIDSON & SONS	40 HIGH STREET, NEWBURGH, KY146AQ		✓	
ROWLAND PHARMACY	TAYVIEW MEDICAL PRACTICE, 16 VICTORIA TERRACE, NEWPORT ON TAY, DD6 8DJ		✓	
PITTENWEEM PHARMACY	7 MARKET PLACE, PITTENWEEM, KY10 2PH			
BOOTS THE CHEMIST	113-119 MARKET STREET, ST ANDREWS, KY16 9PE	✓		
LLOYDS PHARMACY	ST ANDREWS COMMUNITY HOSPITAL, LARGO ROAD, ST ANDREWS, KY16 8AR			✓
WM MORRISON	45 LARGO ROAD, ST ANDREWS, KY168PJ		✓	
ROWLAND PHARMACY	32 CASTLE STREET, TAYPORT, DD6 9AF			

There are 11 GP Practices in the NE Fife Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
21830	PIELAND MEDICAL PRACTICE	152,948	11.77%
21609	TAYVIEW MEDICAL PRACTICE	145,019	11.16%
20409	EDEN VILLA PRACTICE	124,630	9.59%
20413	BANK STREET MEDICAL GROUP	115,480	8.89%
20004	ANSTRUTHER MEDICAL PRACTICE	113,577	8.74%
20057	AUCHTERMUCHTY PRACTICE	101,494	7.81%
	Top 6 Practices	753,148	57.98%
	Other Prescribers	545,775	42.02%

There was a total of 1,298,923 items dispensed between all 20 pharmacies, with:

- 61,087 unique patients
- 79.75% of patients having 2 or more forms
- 734 patients being recorded as Care Home patients

57.98% of GP10 prescriptions, dispensed by the pharmacies, originated from the top 6 GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	55,282	1,193,283	91.87%
MINOR AILMENTS SCHEME	15,018	33,458	2.58%
NURSES - PRESCRIPTION FORMS	3855	31,620	2.43%
URGENT SUPPLY OF MEDICINES	10,375	25,257	1.94%
DENTIST PRESCRIPTION FORM	1135	5365	0.41%
HOSPITAL FORM	909	4438	0.34%
HOSPITAL ADDICT FORM	212	2411	0.19%
PHARMACISTS PRESCRIPTION FORM	794	1842	0.14%
STOCK ORDER FORM	0	952	0.07%
FOREIGN FORM - ENGLISH/WELSH	0	246	0.02%
FOREIGN FORM - WELSH GP	0	28	0.00%
IRISH FORM	0	12	0.00%
FOREIGN FORM - ENGLISH/WELSH DENTAL FORM	0	7	0.00%
FOREIGN FORM - WELSH HOSPITAL	0	2	0.00%
HOSPITAL NURSE FORM	0	1	0.00%
HOSPITAL PHARMACISTS FORM	0	1	0.00%

Breakdown of all prescription items by top 5 therapeutic area (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CARDIOVASCULAR SYSTEM	20,971	307,590	23.68%
CENTRAL NERVOUS SYSTEM	27,666	287,210	22.11%
ENDOCRINE SYSTEM	14,623	132,169	10.18%
GASTRO-INTESTINAL SYSTEM	21,059	129,177	9.94%
RESPIRATORY SYSTEM	15,580	88,407	6.81%

Core Services

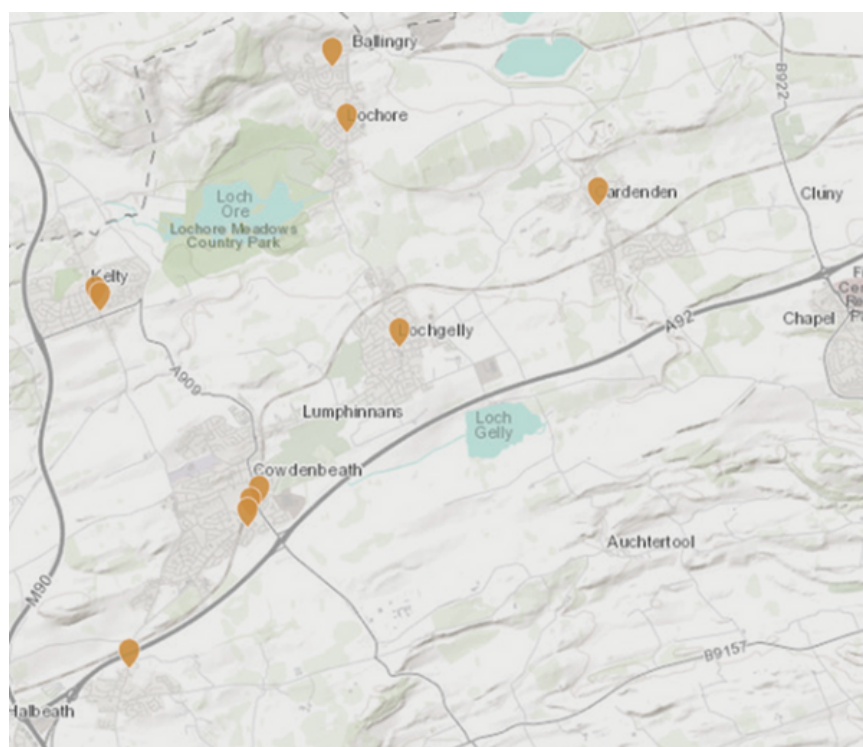
Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	8180	15757	62.39%
Public Health Service	969	7419	29.37%
Urinary Tract Infection	908	1054	4.17%
Health Board Local Service	310	565	2.24%
Skin Infection	241	258	1.02%
Impetigo	130	140	0.55%
Shingles	48	55	0.22%
COVID	4	8	0.03%
Healthy Start Vitamins	1	1	0.00%

A total of 10,375 unique patients received 25,257 items on Urgent Supply / Public Health Prescription/Pharmacy First PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First).

APPENDIX 1D



There are 12 Pharmacies in the Cowdenbeath Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
DEARS PHARMACY & TRAVEL CLINIC	4/5 BENARTY SQUARE, BALLINGRY, KY5 8NR	✓		✓
B JOHNSTON	191 STATION ROAD, CARDENDEN, KY5 0BN			
BOOTS THE CHEMIST	187 STATION ROAD, CARDENDEN, KY5 0BN			
BOOTS THE CHEMIST	345 HIGH STREET, COWDENBEATH, KY4 9QW	✓		
GORDONS CHEMIST	20 BROAD STREET, COWDENBEATH, KY4 8HY	✓		
WM MORRISON SUPERMARKETS	UNITS 1/2 RAITH CENTRE, COWDENBEATH, KY4 8PB		✓	
WELL PHARMACY	92 MAIN STREET, CROSSGATES, KY4 8DF			
DEARS PHARMACY & TRAVEL CLINIC	60 MAIN STREET, KELTY, KY4 0AE	✓		✓
WELL PHARMACY	39 MAIN STREET, KELTY, KY4 0AA			
DEARS PHARMACY & TRAVEL CLINIC	60 LOCHLEVEN ROAD, LOCHORE, KY5 8DA			✓
DEARS PHARMACY & TRAVEL CLINIC	67 BANK STREET, LOCHGELLY, KY5 9QQ	✓	✓	✓
WELL PHARMACY	66 BANK STREET, LOCHGELLY, KY5 9QN	✓		

There are eight GP Practices in the Cowdenbeath Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
20305	COWDENBEATH SURGERY	218,331	20.98%
20803	KELTY MEDICAL PRACTICE	145,460	13.98%
21384	MEADOWS PRACTICE	126,821	12.19%
21421	BENARTY MEDICAL PRACTICE	120,937	11.62%
21469	LOCHGELLY MEDICAL PRACTICE	72,438	6.96%
20358	CROSSGATES MEDICAL PRACTICE	62,580	6.01%
	Top 6 practices	746,567	71.75%
	Other Prescribers	293,951	28.25%

There was a total of 1,040,518 items dispensed between all 12 pharmacies, with:

- 38,508 unique patients
- 81.55% of patients having 2 or more forms
- 325 patients being recorded as Care Home patients

71.75% of GP10 prescriptions, dispensed by the pharmacies, originated from the top 6 GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	33,758	933,689	89.73%
NURSES - PRESCRIPTION FORMS	3797	40,698	3.91%
MINOR AILMENTS SCHEME	14,256	37,099	3.57%
URGENT SUPPLY OF MEDICINES	5871	14,706	1.41%
DENTIST PRESCRIPTION FORM	986	4597	0.44%
HOSPITAL ADDICT FORM	317	4286	0.41%
HOSPITAL FORM	794	3747	0.36%
PHARMACISTS PRESCRIPTION FORM	362	1040	0.10%
STOCK ORDER FORM	0	597	0.06%
FOREIGN FORM - WELSH GP	0	36	0.00%
FOREIGN FORM - ENGLISH/WELSH	0	23	0.00%

Breakdown of all prescription items by top 5 therapeutic area (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CENTRAL NERVOUS SYSTEM	20981	20981	25.61%
CARDIOVASCULAR SYSTEM	13042	13042	22.44%
GASTRO-INTESTINAL SYSTEM	14343	14343	9.77%
ENDOCRINE SYSTEM	8779	8779	8.77%
RESPIRATORY SYSTEM	12053	12053	8.00%

Core Services

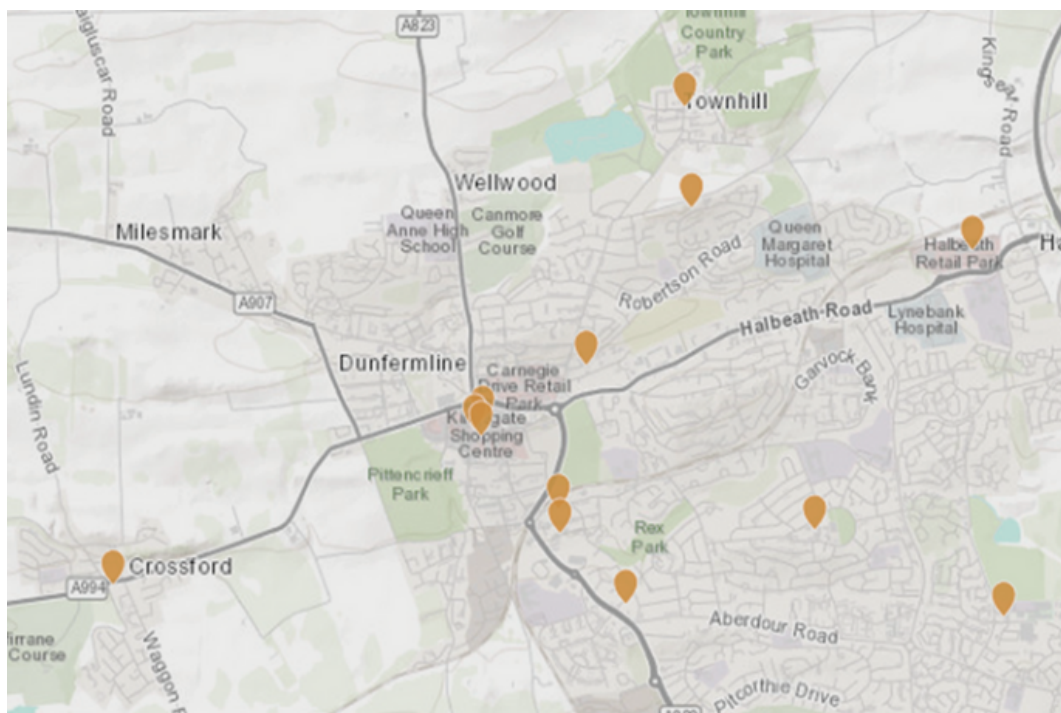
Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	4356	4356	56.02%
Public Health Service	786	786	34.68%
Urinary Tract Infection	634	634	4.77%
Health Board Local Service	137	137	2.77%
Skin Infection	119	119	0.85%
Impetigo	99	99	0.74%
Shingles	17	17	0.12%
COVID	2	2	0.02%
Healthy Start Vitamins	3	3	0.02%

A total of 5871 unique patients received 14,706 items on Urgent Supply / Public Health Prescription/Pharmacy First PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First).

APPENDIX 1E



There are 13 Pharmacies in the Dunfermline Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
CROSSFORD PHARMACY	61 MAIN STREET, CROSSFORD, KY12 8NN			✓
ASDA PHARMACY	HALBEATH RETAIL PARK, DUNFERMLINE, KY11 4LP		✓	
BOOTS THE CHEMIST DEARS PHARMACY & TRAVEL CLINIC	UNIT 2, KINGSGATE CENTRE, DUNFERMLINE, KY12 7QU		✓	✓
LINDSAY & GILMOUR	85 HIGH STREET, DUNFERMLINE, KY12 7DR	✓		
LLOYDS PHARMACY	6 ALDERSTON DRIVE, DUNFERMLINE, KY12 0XU	✓		
LLOYDS PHARMACY	43 BELLYEOMAN ROAD, DUNFERMLINE, KY12 0AE			
LLOYDS PHARMACY	UNIT 6 BLOCK 1, TURNSTONE ROAD, DUNFERMLINE, KY11 8JZ			
WELL PHARMACY	3 ABBEYVIEW, DUNFERMLINE, KY11 4HA			
WELL PHARMACY	7 DOUGLAS STREET, DUNFERMLINE, KY12 7EB			
WELL PHARMACY	ELLIOT STREET, DUNFERMLINE, KY11 4TF	✓		
WELL PHARMACY	1 ST ANDREWS STREET, DUNFERMLINE, KY11 4QG			
WILLOW PHARMACY	85 WOODMILL STREET, DUNFERMLINE, KY114JN			✓
CARE PHARMACY	87 MAIN STREET, TOWNHILL, KY12 0EN			✓

There are eight GP Practices in the Dunfermline Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
20466	NEW PARK MEDICAL PRACTICE	168,479	14.13%
20490	BELLYEOMAN SURGERY	158,458	13.29%
20451	NETHERTOWN SURGERY	156,768	13.14%
20485	MILLHILL SURGERY	138,795	11.64%
21755	PRIMROSE LANE MEDICAL CENTRE	137,269	11.51%
20471	HOSPITAL HILL SURGERY	114,955	9.64%
	Top 6 Practices	874,724	73.34%
	Other Prescribers	317,959	26.66%

There was a total of **1,192,683** items dispensed between all **14** pharmacies, with:

- **61,709** unique patients
- **74.02%** of patients having 2 or more forms
- **350** patients being recorded as Care Home patients

73.34% of GP10 prescriptions, dispensed by the pharmacies, originated from the top 6 GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	53,840	1,070,745	89.78%
NURSES - PRESCRIPTION FORMS	6491	54,401	4.56%
MINOR AILMENTS SCHEME	13,426	27,335	2.29%
URGENT SUPPLY OF MEDICINES	7021	17,745	1.49%
DENTIST PRESCRIPTION FORM	1574	7804	0.65%
HOSPITAL FORM	1525	7541	0.63%
HOSPITAL ADDICT FORM	360	5020	0.42%
PHARMACISTS PRESCRIPTION FORM	320	1027	0.09%
STOCK ORDER FORM	0	981	0.08%
FOREIGN FORM - ENGLISH/WELSH	0	69	0.01%
IRISH FORM	0	7	0.00%
FOREIGN FORM - ENGLISH/WELSH DENTAL FORM	0	5	0.00%
FOREIGN FORM - WELSH GP	0	2	0.00%
FOREIGN FORM - ENGLISH NURSE OR HOSPITAL	0	1	0.00%

Breakdown of all prescription items by top 5 therapeutic area (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CENTRAL NERVOUS SYSTEM	26,725	278,886	23.38%
CARDIOVASCULAR SYSTEM	18,331	258,206	21.65%
ENDOCRINE SYSTEM	13,021	117,106	9.82%
GASTRO-INTESTINAL SYSTEM	20,062	113,979	9.56%
RESPIRATORY SYSTEM	14,924	85,323	7.15%

Core Services

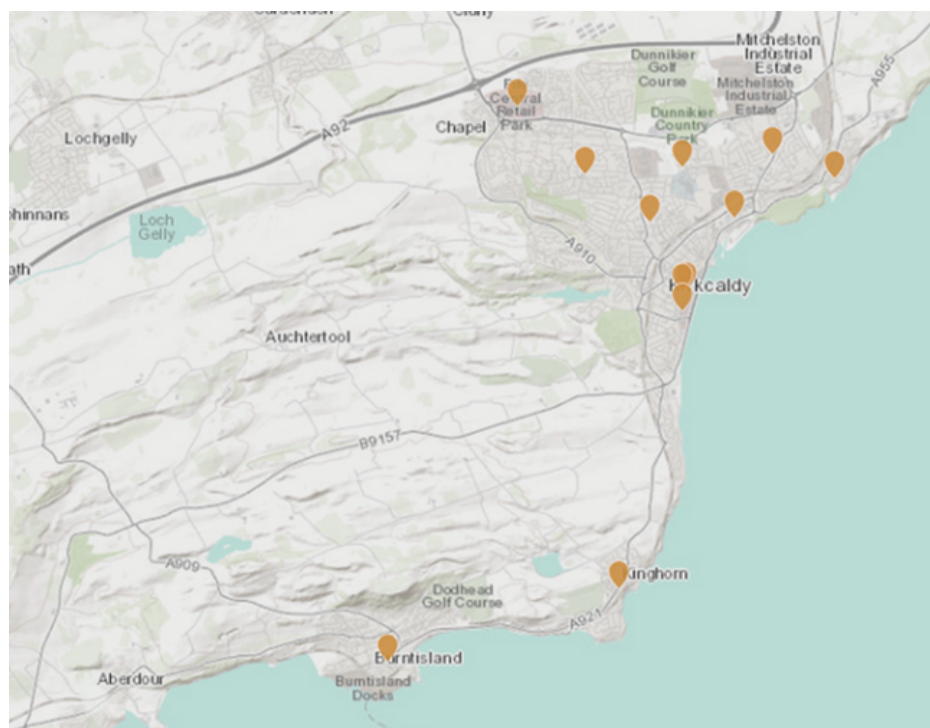
Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	4683	8133	45.83%
Public Health Service	1051	6615	37.28%
Health Board Local Service	250	1484	8.36%
Urinary Tract Infection	915	1064	6.00%
Skin Infection	231	246	1.39%
Impetigo	128	133	0.75%
Shingles	39	42	0.24%
COVID	18	28	0.16%

A total of 7021 unique patients received 17,745 items on Urgent Supply / Public Health Prescription/Pharmacy First PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First).

APPENDIX 1F



There are 13 Pharmacies in the Kirkcaldy Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
LLOYDS PHARMACY	229-231 HIGH STREET, BURNTISLAND, KY3 9AQ	✓	✓	
DYSART PHARMACY	UNIT 21, HIGH STREET, DYSART, KY1 2UG		✓	
LLOYDS PHARMACY	63 HIGH STREET, KINGHORN, KY3 9UW			
ASDA PHARMACY	CARBERY ROAD, KIRKCALDY, KY1 3NG		✓	
BOOTS THE CHEMIST	116-120 HIGH STREET, KIRKCALDY, KY1 1NQ	✓		
BOOTS THE CHEMIST	UNIT 11, FIFE RETAIL PARK, KIRKCALDY, KY2 6QL	✓	✓	
LLOYDS PHARMACY	222 DUNEARN DRIVE, KIRKCALDY, KY2 6LE			
LLOYDS PHARMACY	HEALTH CENTRE, WHYTEMAN'S BRAE, KIRKCALDY, KY1 2NA		✓	
LLOYDS PHARMACY	18 HIGH STREET, KIRKCALDY, KY1 1LU			
LLOYDS PHARMACY	133/135 HIGH STREET, KIRKCALDY, KY1 1LR			
LLOYDS PHARMACY	28 MID STREET, KIRKCALDY, KY1 2PN			
LLOYDS PHARMACY LTD	2 VICEROY STREET, KIRKCALDY, KY2 5HT	✓		
ST CLAIR PHARMACY	233 ST CLAIR STREET, KIRKCALDY, KY1 2BY	✓		✓

There are 10 GP Practices in the Kirkcaldy Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
20998	PATH HOUSE MEDICAL PRACTICE	225,155	16.81%
20979	BENNOCHY MEDICAL CENTRE	149,647	11.17%
20964	DRS MCKENNA, MURPHY & MCCALLUM	120,503	9.00%
20950	NICOL STREET SURGERY	119,699	8.94%
20983	ST BRYCEDALE SURGERY	117,529	8.77%
21007	DRS DIXON, DUGGAN, EGERTON, MACKERNAN, MCCRICKARD & WALKER	114,461	8.55%
	Top 6 Practices	846,994	63.24%
	Other Prescribers	492,437	36.76%

There was a total of 1,339.431 items dispensed between all 14 pharmacies, with:

- 55,970 unique patients
- 77.62% of patients having 2 or more forms
- 1772 patients being recorded as Care Home patients

63.24% of GP10 prescriptions, dispensed by the pharmacies, originated from the top 6 GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	50,130	1,233,716	92.11%
NURSES - PRESCRIPTION FORMS	5914	44,416	3.32%
MINOR AILMENTS SCHEME	10,552	22,465	1.68%
URGENT SUPPLY OF MEDICINES	7145	18,601	1.39%
HOSPITAL FORM	1473	6694	0.50%
HOSPITAL ADDICT FORM	571	6427	0.48%
DENTIST PRESCRIPTION FORM	758	4976	0.37%
PHARMACISTS PRESCRIPTION FORM	307	991	0.07%
STOCK ORDER FORM	0	988	0.07%
FOREIGN FORM - ENGLISH/WELSH	0	156	0.01%
FOREIGN FORM - ENGLISH/WELSH DENTAL FORM	0	1	0.00%

Breakdown of all prescription items by top 5 therapeutic area (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CENTRAL NERVOUS SYSTEM	27,566	338,185	25.25%
CARDIOVASCULAR SYSTEM	19,501	298,001	22.25%
GASTRO-INTESTINAL SYSTEM	20,390	135,370	10.11%
ENDOCRINE SYSTEM	13,177	123,407	9.21%
RESPIRATORY SYSTEM	14,221	93,528	6.98%

Core Services

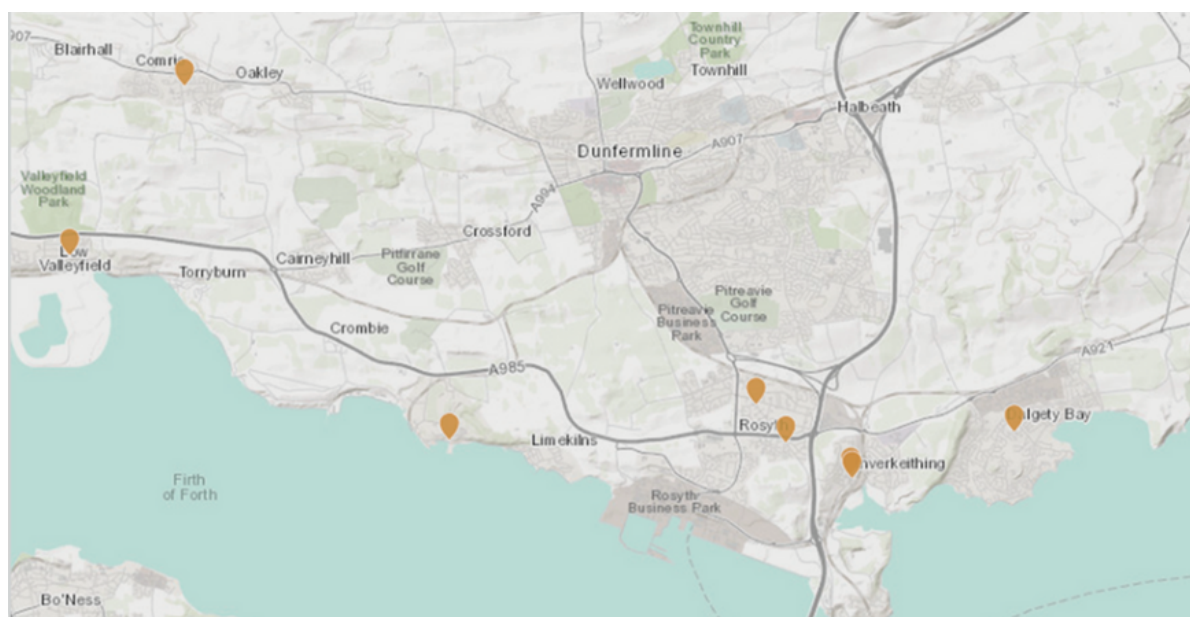
Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	5462	12,242	65.81%
Public Health Service	798	4836	26.00%
Urinary Tract Infection	756	879	4.73%
Health Board Local Service	153	422	2.27%
Impetigo	92	106	0.57%
Skin Infection	72	80	0.43%
Shingles	21	29	0.16%
COVID	3	6	0.03%
Healthy Start Vitamins	1	1	0.01%

A total of 7145 unique patients received 18,601 items on Urgent Supply / Public Health Prescription/Pharmacy first PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First).

APPENDIX 1G



There are 10 Pharmacies in the SW Fife Locality

Pharmacy Name	Address	Injection Equipment	Palliative Care	Travel Vaccines
OMNICARE PHARMACY	30 HIGH STREET, ABERDOUR, KY3 0SW			✓
CHARLESTOWN PHARMACY LTD	CHARLESTOWN MEDICAL PRACTICE, 1A MAIN ROAD, CHARLESTOWN, KY11 3ED			
ROWLAND PHARMACY	12 BAY CENTRE, REGENTS WAY, DALGETY BAY, KY11 9YD			
HIGH VALLEYFIELD PHARMACY	CHAPEL STREET, HIGH VALLEYFIELD, KY12 8SJ			
LINDSAY & GILMOUR	8 HIGH STREET, INVERKEITHING, KY11 1NN	✓		
LINDSAY & GILMOUR	51 HIGH STREET, INVERKEITHING, KY11 1NL			
WELL PHARMACY	31 HIGH STREET, KINCARDINE, FK10 4RJ			
DEARS PHARMACY & TRAVEL CLINIC	14 WARDLAW WAY, OAKLEY, KY12 9QH	✓	✓	✓
ROWLAND PHARMACY	6 QUEENS BUILDINGS, QUEENSFERRY ROAD, ROSYTH, KY11 2RA		✓	
WELL PHARMACY	2 CROSSROADS PLACE, ROSYTH, KY11 2LS			

There are four GP Practices in the SW Fife Locality

Prescription Location Code	Prescription Location Name	Number of Paid Items	%
20752	INVERKEITHING MEDICAL GROUP	246,354	32.20%
21613	OAKLEY MEDICAL PRACTICE	140,839	18.41%
20729	VALLEYFIELD MEDICAL PRACTICE	75,676	9.89%
21308	CHARLESTOWN SURGERY	66,839	8.74%
	Top 4 Practices	529,708	69.24%
	Other Prescribers	235,277	30.76%

There was a total of 764,985 items dispensed between all eight pharmacies, with:

- 34,040 unique patients
- 81.52% of patients having 2 or more forms
- 632 patients being recorded as Care Home patients

69.24% of GP10 prescriptions, dispensed by the pharmacies, originated from the 4 GP Practices within the same locality.

Prescriptions

Breakdown of prescription types presented (Financial Year 2022/23)

Form Type Description	Patient Numbers	Number of Paid Items	%
GP STANDARD PRESCRIPTION FORM	30,694	699,777	91.48%
MINOR AILMENTS SCHEME	10,582	24,472	3.20%
NURSES - PRESCRIPTION FORMS	2992	21,351	2.79%
URGENT SUPPLY OF MEDICINES	4580	12,484	1.63%
DENTIST PRESCRIPTION FORM	550	2985	0.39%
HOSPITAL FORM	495	2236	0.29%
HOSPITAL ADDICT FORM	80	905	0.12%
PHARMACISTS PRESCRIPTION FORM	158	437	0.06%
STOCK ORDER FORM	0	264	0.03%
FOREIGN FORM - ENGLISH/WELSH	0	48	0.01%
FOREIGN FORM - WELSH GP	0	26	0.00%

Breakdown of all prescription items by top 5 therapeutic area (BNF Chapter)

BNF Chapter Description	Patient Numbers	Number of Paid Items	%
CARDIOVASCULAR SYSTEM	11,659	180,677	23.62%
CENTRAL NERVOUS SYSTEM	16,173	165,233	21.60%
GASTRO-INTESTINAL SYSTEM	12,238	75,836	9.91%
ENDOCRINE SYSTEM	7867	73,865	9.66%
RESPIRATORY SYSTEM	9287	55,772	7.29%

Core Services

Urgent Supply

Service	Patients Numbers	Number of Paid Items	%
Urgent Supply	3601	7227	57.89%
Public Health Service	510	4402	35.26%
Urinary Tract Infection	392	430	3.44%
Health Board Local Service	64	235	1.88%
Skin Infection	114	118	0.95%
Impetigo	52	56	0.45%
Shingles	16	16	0.13%

A total of 4580 unique patients received 12,484 items on Urgent Supply / Public Health Prescription/Pharmacy First PGD.

(Note: this number does not include non PGD items dispensed under Pharmacy First).

REFERENCES

[NHS Fife Director of Public Health Report 2020 and 2021](#)

[Public Health Scotland Community Pharmacy Contractor Open Data 2022](#)

[Know Fife](#)

[NRS Mid-2020 Population Estimates](#)

[NRS Sub-national Population Projections 2018](#)

[NHS Fife General Pharmaceutical Services: Hours of Service Scheme](#)



Pharmacy and Medicines Directorate

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