## Evidence Paper

## January 2023

## Introduction

This paper provides statistical evidence to inform and underpin the outcomes and priorities of Fife's Economic Strategy (FES) 2023-2028.

It presents data on the structure and recent performance of Fife's economy, and identifies the key challenges and opportunities the new FES should focus on in order to inform where the new FES should take action over the next five years to help strengthen and grow the Fife economy.

The report examines data relating to the 7 draft outcomes of the new strategy:

- A recovery and increase in the number of businesses in Fife
- High levels of economic activity and employment in Fife
- Improvements in the economic performance of Mid-Fife
- The recovery and growth of Fife's tourism and hospitality sector
- Vibrant, attractive and re-purposed town centres
- A skilled workforce able to support business needs
- Fair and inclusive access to work
- Lower levels of carbon emissions in Fife.


## 1. A RECOVERY \& INCREASE IN THE NUMBER OF BUSINESSES IN FIFE

| PERFORMANCE AT A GLANCE: |  |  |
| :--- | :--- | :--- |
| Measure: | Current Performance |  |
| Number of <br> businesses and jobs | Whilst there are more businesses and jobs in Fife than 10 years ago, the number <br> of both fell between 2020 and 2022. |  |
| Business birth rate | Fife's business birth rate remains below the Scottish rate. |  |
| Business survival <br> rates | Fife's business survival rates fell in both 2000 and 2021 and are now lower than <br> national survival rates, having been higher before the pandemic. |  |
| Number of high <br> growth businesses | The number and proportion of high growth businesses has fallen. |  |
| Employment by <br> sector | A large proportion of jobs are within the public sector. |  |
| Location Quotient | Seven sectors have a location quotient of over 1, suggesting that Fife has a <br> specialisation in them (Manufacturing,; Construction; Wholesale \& retail trade; <br>  <br> social work; and Arts, entertainment \& recreation). |  |

A RECOVERY \& INCREASE IN THE NUMBER OF BUSINESSES IN FIFE INDICATORS
1.0 Number of businesses and jobs


Between March 2020 and March 2022, the number of registered private sector enterprises in Fife fell by 815 or $-7.8 \%$.

The number of jobs in these businesses fell by $-3,790$ or $-3.6 \%$.

In Scotland as a whole, the number of businesses fell by $-2.4 \%$ and the number of jobs by -2.3\%.

This fall followed 6 consecutive years of growth in enterprise numbers in Fife so that in 2022, there were still 650 more businesses and 6,150 more jobs than there were in 2012.

Source: Businesses in Scotland, Scottish Government

### 1.1 Business Birth Rate

The number of business start-ups per 10,000 working age adults


Source: ONS Business Demography UK: 2021
1.2 Business Survival Rates


A total of 1,100 new businesses started up in Fife in 2021. Although this was 60 more than in 2020, it was still was 395 (-26.4\%) fewer than in 2019. In 2020 and 2021, the business birth rate was the lowest it has been since 2012.

Whilst Fife's business start-up rate fell below the Scottish rate in 2020 and 2021, the gap narrowed in 2021.

Source: ONS Business Demography UK: 2021

In 2021 for the first time, Fife's business survival rates were lower than those for Scotland as a whole.

The proportion of businesses surviving for the first three years since start-up fell from 60.3\% in 2019 to 58.7\% in 2020 and 55.5\% in 2021.

A RECOVERY \& INCREASE IN THE NUMBER OF BUSINESSES IN FIFE INDICATORS
1.3 Number of High Growth Businesses


The number of 'high growth' businesses in Fife has declined, although a higher proportion of businesses are high growth (1.3\%) than in Scotland overall (1.1\%).

In 2018-21, Fife had the $8^{\text {th }}$ lowest proportion of high growth businesses of Scotland's local authorities.

A high growth business is defined as a business with ten or more employees in the base year which exhibits an average $20 \%$ growth in turnover over 3 years. This definition excludes financial \& insurance businesses.

Source: Businesses in Scotland, Scottish Government

### 1.4 Employment by Sector



A RECOVERY \& INCREASE IN THE NUMBER OF BUSINESSES IN FIFE INDICATORS

### 1.5 Areal Breakdown of Employment by Sector

| Sector | Cowdenbeath Area | Dunfermline | Glenrothes Area | Kirkcaldy Area | Levenmouth | North East Fife | South \& West Fife |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture, forestry \& fishing* | 15 | 10 | 40 | 25 | 600 | 100 | 75 |
| Mining \& quarrying | 0 | 0 | 10 | 20 | 0 | 75 | 20 |
| Manufacturing | 1,000 | 1,000 | 4,000 | 1,500 | 1,750 | 1,250 | 3,000 |
| Electricity \& gas etc | 100 | 0 | 150 | 0 | 0 | 35 | 150 |
| Water supply \& waste m'ment | 50 | 400 | 175 | 100 | 35 | 50 | 175 |
| Construction | 900 | 1,250 | 1,000 | 1,750 | 450 | 1,250 | 1,250 |
| Wholesale \& retail trade | 1,500 | 4,500 | 3,000 | 5,000 | 1,500 | 4,500 | 2,500 |
| Transportation \& storage | 600 | 4,000 | 500 | 800 | 700 | 500 | 700 |
| Accommodation \& food service acts | 400 | 1,750 | 1,250 | 1,500 | 500 | 3,500 | 800 |
| Information \& communication | 50 | 2,250 | 100 | 450 | 20 | 175 | 700 |
| Financial \& insurance activities | 30 | 3,500 | 100 | 175 | 30 | 75 | 300 |
| Real estate activities | 100 | 250 | 350 | 200 | 100 | 300 | 100 |
| Prof, scientific \& technical activities | 200 | 1,750 | 500 | 1,000 | 400 | 900 | 1,250 |
| Administrative \& support service acts | 200 | 1,750 | 600 | 1,250 | 400 | 1,000 | 1,000 |
| Public admin \& defence | 600 | 900 | 7,000 | 1,000 | 175 | 500 | 1,000 |
| Education | 1,250 | 2,250 | 1,500 | 1,750 | 900 | 6,000 | 1,000 |
| Human health \& social work acts | 1,250 | 4,000 | 3,000 | 6,000 | 2,000 | 2,500 | 900 |
| Arts, entertainment \& recreation | 300 | 500 | 350 | 500 | 225 | 1,250 | 350 |
| Other service activities | 200 | 600 | 600 | 450 | 200 | 800 | 350 |
| Total employment* | 8,745 | 30,660 | 24,225 | 23,470 | 9,985 | 24,760 | 15,620 |

North East Fife has the largest share of Fife's jobs in Education, Accommodation \& food services and Arts, entertainment \& recreation ( $42.9 \%, 35 \%$ and $35.7 \%$ of Fife's jobs in these sectors respectively).
63.6\% of employment in Public administration \& defence activities in Fife is located in the Glenrothes area along with $30.8 \%$ of Manufacturing jobs.
$70 \%$ of Fife's jobs in Agriculture, Forestry \& Fishing* are located in Levenmouth.
87.5\% of all employment in Financial \& insurance activities in Fife is located in Dunfermline along with $64.3 \%$ of Fife's jobs in the Information \& communication sector.

Nearly a third (30\%) of people in Fife working in the Human health \& social work activities sector are employed in Kirkcaldy.

Note:* excludes farm agriculture. Employment estimates include employees plus the number of working owners who receive a share of the profits but are not paid via PAYE. They do not however include those who are self-employed operating below the VAT threshold with no employees. All figures are rounded to the nearest 5 or zero so zeros may not be true zeros and the data may not add up to the totals shown.

A RECOVERY \& INCREASE IN THE NUMBER OF BUSINESSES IN FIFE INDICATORS

### 1.6 Key Business Sectors

| Sector | Number of <br> businesses | Employment | Turnover (£m) | Location <br> Quotient |
| :--- | :---: | :---: | :---: | :---: |
| Primary Industries | 675 | 4,480 | $£ 1,124$ | 0.73 |
| Manufacturing | 730 | 13,270 | $£ 4,280$ | 1.43 |
| Construction | 1,330 | 6,840 | $£ 1,017$ | 1.01 |
| Wholesale, retail \& repairs | 1,660 | 22,100 | $£ 3,882$ | 1.19 |
| Transport \& storage | 450 | 4,840 | $£ 273$ | 1.00 |
| Accommodation \& food service activities | 835 | 9,900 | $£ 413$ | 0.98 |
| Information \& communication | 460 | 3,910 | $£ 457$ | 1.07 |
| Financial \& insurance activities | 115 | 3160 | $\mathrm{~N} / \mathrm{A}$ | 0.74 |
| Real estate activities | 285 | 1,330 | $£ 128$ | 0.76 |
| Professional, scientific \& technical activities | 1,490 | 5,430 | $£ 734$ | 0.71 |
| Admin \& support service activities | 785 | 6,010 | $£ 473$ | 0.62 |
| Education, human health \& social work activities | 505 | 12,900 | $£ 538$ | 1.03 |
| Arts, entertainment \& recreation | 260 | 3,340 | $£ 423$ | 1.12 |
| Other service activities | 505 | 2,970 | $£ 134$ | 1.32 |

The largest private sector employing sectors are Wholesale \& retail and Manufacturing. These two sectors also have the highest turnover.

Seven sectors have a location quotient of more than 1, suggesting that Fife has a specialisation in them:

- Manufacturing
- Construction
- Wholesale \& retail trade
- Transportation \& storage
- Information \& Communication
- Education, health \& social work
- Arts, entertainment \& recreation.

These figures only include registered private sector businesses.
Source: Businesses in Scotland: 2021, Scottish Government

## 2. HIGH LEVELS OF ECONOMIC ACTIVITY AND EMPLOYMENT IN FIFE

| Measure: | Current Performance |  |
| :---: | :---: | :---: |
| Business expenditure on R\&D | Business expenditure on R\&D increased 2017-20, but is still significantly below the national level of R\&D spend. | (-) |
| Employment rate | Fife's employment rate has not yet returned to its pre-pandemic level. | $\bigcirc$ |
| Unemployment Rate | Fife's unemployment rate is at a record low. | $\bigcirc$ |
| Rate of economic inactivity | Over a quarter of Fife's working age population is economically inactive and the rate of economic inactivity has risen since the Covid-19 pandemic. | $\bigcirc$ |
| Rate of economic inactivity due to ill health | More people are economically inactive due to long-term ill health than before the pandemic. | $\bigcirc$ |
| Rate of underemployment | Fife has the $3^{\text {rd }}$ highest rate of underemployment in Scotland | $\bigodot$ |

HIGH LEVELS OF ECONOMIC ACTIVITY AND EMPLOYMENT IN FIFE INDICATORS
2.0 Business Expenditure on Research \& Development (R\&D)


R\&D expenditure by Fife businesses increased by $11 \%$ ( $£ 10.95 \mathrm{~m}$ ) between 2019 and 2020 and its share of Scottish R\&D expenditure rose from 3.3\% to 4.1\%.

R\&D expenditure per head of population (£158) however, is still considerably lower than the $£ 263$ spent per head of population by businesses in Scotland as a whole.

In 2020, expenditure on R\&D performed within Fife's businesses represented 0.73\% of Fife's GDP lower than the Scottish average (0.92\%).

Source: Business Enterprise Research \& Development (BERD): 2020, Scottish Government
2.1 Employment Rate


HIGH LEVELS OF ECONOMIC ACTIVITY AND EMPLOYMENT IN FIFE INDICATORS

### 2.3 Economic Inactivity



Over a quarter (25.3\%) of Fife's working aged population was economically inactive - neither in employment nor actively seeking work - in the 12 months to September 2022.

This is higher than the Scottish rate of economic inactivity (22.8\%) and also higher than the rate in Fife before the Covid-19 pandemic.

Long term ill-health is the reason $30 \%$ of those who are economically inactive gave for not being in employment or seeking a job. Other reasons were being a student (25.6\%), looking after the family/home (19.3\%) and being retired (12\%)

The estimated number of people in Fife who are economically inactive due to ill-health rose from 15,200 in 2019/20 to 17,700 in the 12 months to September 2022.

Source: ONS Annual Population Survey (figures for each year are for the 12 months to September)

### 2.4 Underemployment



## 3. IMPROVEMENTS IN THE ECONOMIC PERFORMANCE IN MID-FIFE

## PERFORMANCE AT A GLANCE:

| Measure: | Current Performance |  |
| :--- | :--- | :--- |
| Number of <br> businesses | The Cowdenbeath and Kirkcaldy Scottish Parliamentary Constituency Areas have <br> low business densities and have seen a significant fall in the number of <br> businesses since 2020. | Employment rate <br> Scottish employment rate, are higher than the Fife rate. |
| Employment rate | The employment rates in the Glenrothes and Cowdenbeath Areas are lower than <br> the Fife and Scottish rates. | There are persistently high rates of people claiming out-of-work benefits in <br> Cowdenbeath, Kirkcaldy and Levenmouth. |
| Claimant Count | Significant proportions of the working age population in Cowdenbeath, Kirkcaldy <br> and Levenmouth have no qualifications <br> market with no <br> qualifications | Fewer than 90\% of 16-19 year olds are participating in education, training or <br> Annual Participation <br> Measure of 16-19 <br> employment in parts of Kirkcaldy, Glenrothes, Levenmouth, Cowdenbeath and <br> Lochgelly. |

IMPROVEMENTS IN THE ECONOMIC PERFORMANCE IN MID-FIFE INDICATORS 3.1 Number of businesses in Mid-Fife


IMPROVEMENTS IN THE ECONOMIC PERFORMANCE IN MID-FIFE INDICATORS

### 3.2 Employment Rate in Mid-Fife

Average Employment Rates 2021-2022: Mid-Fife committee areas, Fife \& Scotland


The average employment rates in 2021 and 2022 in the Kirkcaldy and Levenmouth committee areas were higher than the overall Fife employment rate, though lower than the Scottish employment rate.

The Glenrothes area had the lowest employment rate in Fife.

Note: these rates should be viewed with caution due to small sample sizes at committee area level; an average of the rates for March 2021 to September 2022 are given.

Source: ONS Annual Population Survey

### 3.3 Claimant Count in Mid-Fife



IMPROVEMENTS IN THE ECONOMIC PERFORMANCE IN MID-FIFE INDICATORS


Levenmouth and the Kirkcaldy Area also have higher proportions of their populations with no qualifications than Fife and Scotland overall and lower rates qualified to NVQ 4 or above.

Notes: These estimates should be viewed with caution due to small sample sizes at the area committee level; three-year averages (2019-21) are therefore given for qualifications by committee area. NVQ 4 and above qualifications = HND, degree and higher degree level qualifications or equivalent. No qualifications = no formal qualifications held.

Source: ONS Annual Population Survey, 2019-2021


## 4. THE RECOVERY \& GROWTH OF FIFE'S TOURISM \& HOSPITALITY SECTOR

## PERFORMANCE AT A GLANCE:

| Measure: | Current Performance |  |
| :--- | :--- | :--- |
| Accommodation Occupancy | Fife's hotels and touring pitches have higher occupancy rates than <br> Scotland as a whole. | The number of tourist-related businesses grew 2021-22 and Fife has the <br> fourth highest number of tourist-related businesses of Scotland's 32 <br> local authorities. |
| Number of tourist-related <br> businesses | Visitor numbers to Fife have not yet returned to pre-pandemic levels. | $\ddots$ |
| Visitor numbers |  |  |

THE RECOVERY \& GROWTH OF FIFE'S TOURISM \& HOSPITALITY SECTOR INDICATORS
4.1 Accommodation Occupancy


THE RECOVERY \& GROWTH OF FIFE'S TOURISM \& HOSPITALITY SECTOR INDICATORS

### 4.3 Visitor Numbers

$5,959,000$, 5,090,000 5,970,000 2,

Source: STEAM Report 2010-2021 to Fife Council-Final, Global Tourism Solutions (UK) Ltd

## 5. VIBRANT, ATTRACTIVE \& RE-PURPOSED KEY TOWN CENTRES

| PERFORMANCE AT A GLANCE: |  |  |
| :--- | :--- | :--- |
| Measure: | Current Performance |  |
| Town Centre <br> Vacancy Rates | Some of Fife's town centres have low and/or falling vacancy rates. |  |
| Town Centre <br> Vacancy Rates | There are high and rising vacancy rates in some of Fife's town centres |  |

VIBRANT, ATTRACTIVE \& RE-PURPOSED KEY TOWN CENTRES INDICATORS
5.1 Town Centre Vacancy Rates

| Area Committee | Town Centre | \% of <br> Vacant <br> Units <br> April 2022 | \% of <br> Vacant <br> Floor <br> Space <br> April 2022 | Inverkeithing, St Andrews and Burntisland town centres all have vacancy rates below $10 \%$. |
| :---: | :---: | :---: | :---: | :---: |
| Cowdenbeath Area | Cowdenbeath | 16.9\% | 15.0\% | In Kirkcaldy and Kincardine, over 30\% of the town centre floor space is vacant. |
|  | Lochgelly | 14.5\% | 27.7\% |  |
| Dunfermline Area | Dunfermline | 19.3\% | 28.8\% | Burntisland, Cowdenbeath, Cupar, Kincardine, Leven and Lochgelly all saw the proportion of vacant units fall between 2019 and 2021. |
| Glenrothes Area | Glenrothes | 20.9\% | 24.5\% |  |
| Kirkcaldy Area | Kirkcaldy | 27.2\% | 31.1\% |  |
|  | Burntisland | 11.7\% | 12.6\% |  |
| Levenmouth | Leven | 13.0\% | 13.5\% | Anstruther, Glenrothes, Inverkeithing, Kirkcaldy and St Andrews saw the proportion of vacant units rise. |
| North East Fife | Anstruther | 11.3\% | 13.6\% |  |
|  | Cupar | 8.6\% | 9.8\% |  |
|  | St Andrews | 9.0\% | 8.0\% |  |
| South \& West Fife | Inverkeithing | 8.0\% | 7.6\% |  |
|  | Kincardine | 16.7\% | 36.4\% |  |
| Source: Experian GOAD April 2022 (provisional) |  |  |  |  |

## 6. A SKILLED WORKFORCE ABLE TO SUPPORT BUSINESS NEEDS

## PERFORMANCE AT A GLANCE:

| Measure: | Current Performance | $\left(\begin{array}{l}\text { Size of working-age } \\ \text { population }\end{array}\right.$ |
| :--- | :--- | :---: |
| \% of the labour <br> market with no <br> qualifications | Fife's labour market is more highly qualified than Scotland's. |  |
| \% of the labour <br> market with a <br> degree | Fife has a lower level of graduates in its workforce than Scotland as a whole | $\ddots$ |
| Job-related training | A higher proportion of people received job-related training in the last 3 months. | $\ddots$ |



A SKILLED WORKFORCE ABLE TO SUPPORT BUSINESS NEEDS INDICATORS

### 6.3 Number of Graduates in the Labour Market

| Proportion of working age population with a |
| :--- | :--- | :--- |
| degree or equivalent and above: Fife \& Scotland |

## 7. FAIR AND INCLUSIVE ACCESS TO WORK

## PERFORMANCE AT A GLANCE:

| Measure: | Current Performance |  |
| :--- | :--- | :--- |
| $16-24$ year-old <br> Claimant Count | The 16-24 year-old age group no longer has the highest rate of people claiming <br> out-of-work benefits |  |
| Annual Participation <br> Measure of 16-19 <br> year olds. | A higher rate of 16-19 year olds are not participating in education, training or <br> employment than in Scotland as a whole. | \% of school leavers <br> not achieving a <br> positive destination | | Over 10\% of school leavers failed to secure a positive follow-up destination, the |
| :--- |
| $2^{\text {nd }}$ highest rate in Scotland. |

FAIR AND INCLUSIVE ACCESS TO WORK INDICATORS
7.1 16-24 Year-Old Claimant Count
$6 \%$ Claimant rate by age group Jan-Dec 2022: Fife

Since September 2021, the 16-24 year-old age group no longer has highest rate of people claiming out-of-work benefits in Fife.

In December 2022, 3.7\% of 16-24 year olds were claiming out-of-work benefits. Whilst this rate was higher than the overall claimant rate in Fife (3.4\%) and the rate for those aged 5064 years ( $2.1 \%$ ), it was lower than the rate for the 25-49 age group (4.2\%).

Source: ONS Claimant Count

### 7.2 16-19 Year Old Participation Rate



FAIR AND INCLUSIVE ACCESS TO WORK INDICATORS

### 7.3 School Leaver Destinations

\(\left.\begin{array}{lll}\% school leavers not achieving a positive follow-up <br>

destination: Fife \& Scotland\end{array}\right] \quad\)| The proportion of Fife's school |
| :--- |
| $12.0 \%$ |

Source: Summary Statistics for Follow-Up Leaver Destinations, No 4: 022 Edition, Scottish Government

### 7.4 Living Wage Employers



FAIR AND INCLUSIVE ACCESS TO WORK INDICATORS

### 7.6 Average Earnings



Source: ONS Annual Survey of Hours and Earnings
7.7 Gender Pay Gap



Whilst the Gender Pay Gap for all employees in Fife was lower than in Scotland in 2022, the pay gap for fulltime employees working in Fife was higher than the national pay gap.

For part-time employees, there was a negative pay gap in both Fife and Scotland, ie on average women earn more than men.

Whilst the gender pay gaps for both Fife and the UK have been generally reducing over the longer-term, the Fife trend is much more volatile, suggesting the data is perhaps not reliable below the national level.

Note: These data should be viewed with caution at the Fife level due to small sample sizes. Gender pay gap is the difference between men's and women's hourly earnings as a percentage of men's earnings.

Source: ONS Annual Survey of Hours and Earnings

## 8. LOWER LEVELS OF CARBON EMISSIONS IN FIFE

## PERFORMANCE AT A GLANCE:

| Measure: | Current Performance |  |
| :--- | :--- | :--- |
| Greenhouse gas <br> emissions | Fife was one of only 3 local authorities in the UK to see an increase in greenhouse <br> gas emissions 2019-2020. | $\ddots$ |
| CO2 emissions | CO2 emissions per capita increased slightly 2019-2020 due to an increase in <br> emission. | $\ddots$ |


| LOWER LEVELS OF CARBON EMISSIONS IN FIFE INDICATORS |  |  |
| :---: | :---: | :---: |
| 8.1 Greenhouse Gas Emissions |  |  |
| 9 8 7 6 5 | Per capita greenhouse gas emissions (tCO2e): Fife \& Scotland | Greenhouse gas emissions increased in Fife by 1\% between 2019 and 2020 due to increased industrial activity. Only two other local authorities in the UK saw greenhouse gas emissions increase. |
| Source: UK local authority \& regional greenhouse gas emissions national statistics, 2005-2020, BEIS, UK Government |  |  |
| 8.2 Carbon Dioxide Emissions |  |  |
| 14 12 10 8 6 4 2 0 | Per capita $\mathrm{CO}_{2}$ Emissions ( $\mathrm{tCO}_{2} \mathrm{e}$ ): Fife \& Scotland | In 2020, Fife's estimated $\mathrm{CO}_{2}$ emission per capita was 6.7 tonnes compared with the average Scottish rate of 4.6 tonnes. <br> Emissions in Fife fell from 11.8 in 2010 to 6.6 in 2019 before rising in 2020 due to an increase in emissions from industry between 2019 and 2020. |

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