

Appendix 1

Overview of proposed monitoring indicators for Business, Economy and Innovation Committee

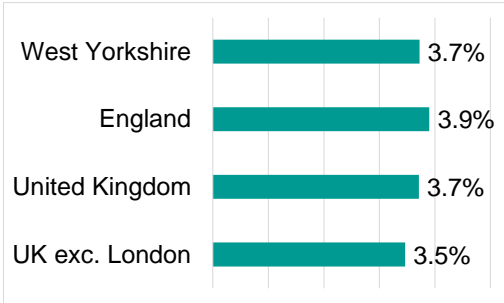
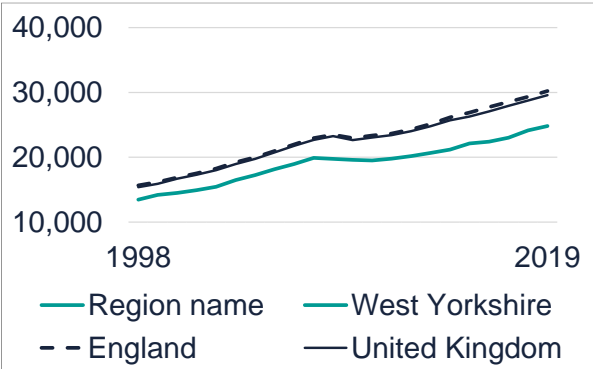
Indicator title	Description	Rationale	Source	Latest available at time of writing	Frequency	Geography for which data is available
Economic output (GVA)	Gross value added (balanced) at current basic prices	Shows trend in overall size of local economy	ONS Regional gross value added (balanced) per head and income components release	2019	Annual Next data expected May 2022	District
Economic output (GVA) per head	Gross value added (balanced) per head of population at current basic prices	Key indicator of local prosperity	ONS Regional gross value added (balanced) per head and income components release	2019	Annual Next data expected May 2022	District
Employment rate	% of 16-64 resident population in employment	Shows extent to which local residents are in jobs.	Annual Population Survey	Oct 2020 to September 2021	Quarterly Next data expected spring 2022	District
Productivity	Nominal gross value added per hour worked	Key indicator of local productivity performance	ONS Subregional Productivity release	2019	Annual Next data expected June 2022	District
Private sector businesses	Number of private sector workplaces per 1,000 resident population	Key indicator of vitality and resilience of local economy	ONS UK business: activity, size and location	2021	Annual Published Dec 2021	District

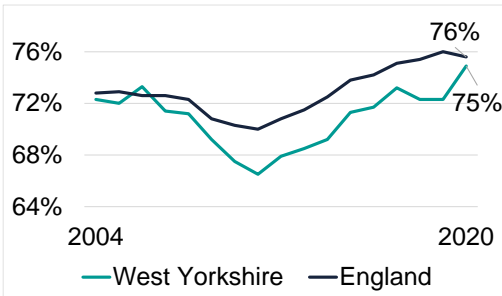
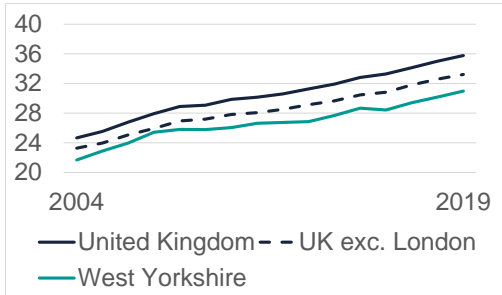
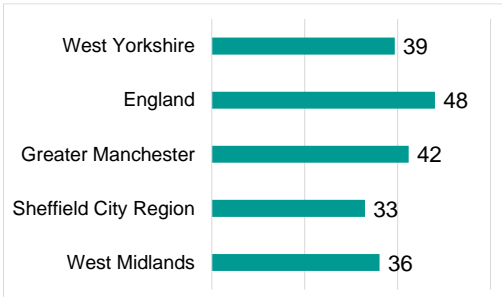
Indicator title	Description	Rationale	Source	Latest available at time of writing	Frequency	Geography for which data is available
Business birth rate	Proportion of active businesses that began trading in reporting year	Key indicator of level of business start-ups and entrepreneurial activity	ONS Business Demography	2020	Annual Published Nov 2021	District
Businesses engaging in innovation activity	% of businesses in the area that have engaged in innovation, including new / improved products or services, new technologies, knowledge transfer etc	Shows extent to which businesses are engaging in the innovation that is crucial to productivity growth	Leeds City Region Business Survey	2020	Annual Next data expected summer 2022	District
Goods / services exports as % of GVA	Value of i) goods and ii) services exports expressed as a proportion of total GVA	Shows contribution of international trade to local economy - trade plays a key role in driving productivity growth	HMRC - Regional trade in goods statistics and International Trade in Services Survey	2020 and 2018	Annual Published Nov 2021 and tbc	District
Cultural sector contribution to employment	% of jobs that fall within cultural activities	Shows contribution of cultural sector to local economy	Business Register and Employment Survey	2020	Annual Published Dec 2021	District
% qualified at level 4 and above	% of population aged 16-64 with highest qualification at Level 4 and above	People qualified at tertiary level are key to driving innovation and productivity growth	ONS Annual Population Survey	Jan - Dec 2020	Annual Next data expected spring 2022	District

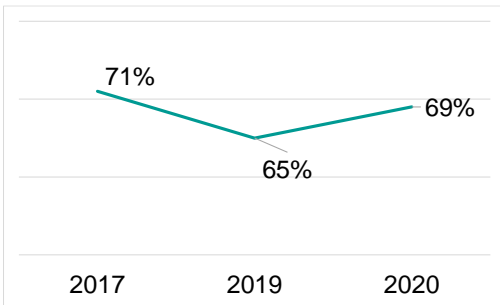
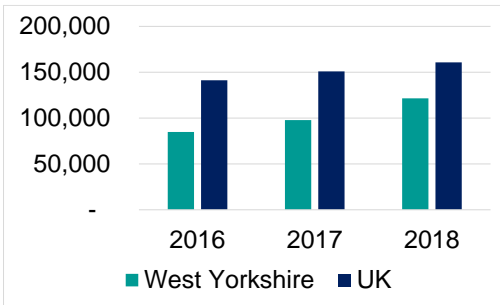

Indicator title	Description	Rationale	Source	Latest available at time of writing	Frequency	Geography for which data is available
Gigabit capable internet coverage	Full-fibre coverage (% premises connected - FTTP or FTTH)	Shows availability of full-fibre connectivity across the area	Thinkbroadband	2022	Real time	District
Take-up of superfast (or above) broadband services	% of properties that use superfast or ultrafast (at least 300 Mbit/s) services in areas where at least superfast broadband is available	Shows whether homes and businesses are taking up the broadband service that is available - important measure of digital inclusion	Ofcom, Connected Nations report	2021	Annual Published Dec 2021	District
Mobile coverage (4G and 5G)	% of areas with access to good 4G and 5G mobile coverage (indoors)	Shows availability of good mobile coverage - key to local economy and digital inclusion	Ofcom, Connected Nations report	2021	Annual Published Dec 2021	District

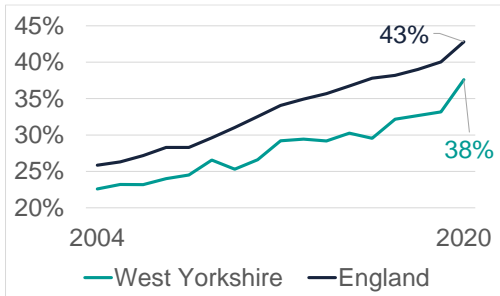
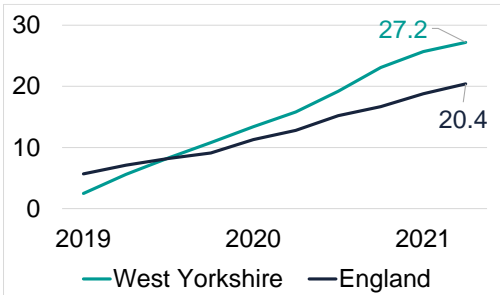
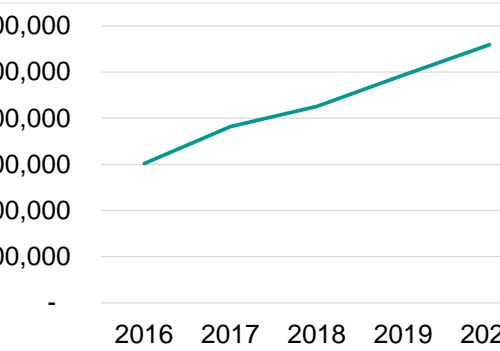
Summary of performance against existing State of the Region indicators

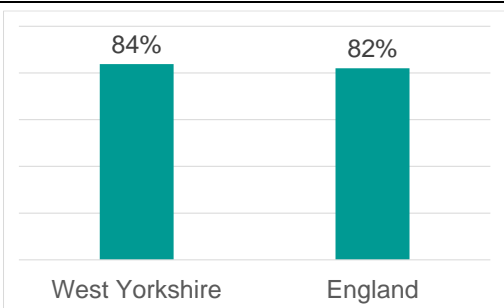
[Link](#) to State of the Region interactive dashboard containing further detail on these indicators

Indicator	Headline chart	Comment												
Boosting Productivity														
Economic output (GVA) <i>GVA (balanced) at current basic prices - compound annual growth rate (%), 2013-19</i> Source: ONS, Sub-regional GVA data	 <table><thead><tr><th>Entity</th><th>CAGR (%)</th></tr></thead><tbody><tr><td>West Yorkshire</td><td>3.7%</td></tr><tr><td>England</td><td>3.9%</td></tr><tr><td>United Kingdom</td><td>3.7%</td></tr><tr><td>UK exc. London</td><td>3.5%</td></tr></tbody></table>	Entity	CAGR (%)	West Yorkshire	3.7%	England	3.9%	United Kingdom	3.7%	UK exc. London	3.5%	Prior to the pandemic West Yorkshire’s economy was growing at a slightly higher rate than the UK average excluding London.		
Entity	CAGR (%)													
West Yorkshire	3.7%													
England	3.9%													
United Kingdom	3.7%													
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Economic output (GVA) per head <i>GVA per head (balanced) at current basic prices</i> Source: ONS, Sub-regional GVA data	 <table><thead><tr><th>Year</th><th>West Yorkshire</th><th>England</th><th>United Kingdom</th></tr></thead><tbody><tr><td>1998</td><td>15,000</td><td>18,000</td><td>18,000</td></tr><tr><td>2019</td><td>25,000</td><td>30,000</td><td>30,000</td></tr></tbody></table>	Year	West Yorkshire	England	United Kingdom	1998	15,000	18,000	18,000	2019	25,000	30,000	30,000	Output per head is below the national average and since 2013 has been growing at a rate similar to the UK and England averages.
Year	West Yorkshire	England	United Kingdom											
1998	15,000	18,000	18,000											
2019	25,000	30,000	30,000											

Indicator	Headline chart	Comment																																																																				
Employment rate <i>Employment rate for all aged 16-64</i> Source: ONS APS	 <table><caption>Employment rate for all aged 16-64 (2004-2020)</caption><thead><tr><th>Year</th><th>West Yorkshire</th><th>England</th></tr></thead><tbody><tr><td>2004</td><td>72%</td><td>72%</td></tr><tr><td>2005</td><td>73%</td><td>73%</td></tr><tr><td>2006</td><td>72%</td><td>72%</td></tr><tr><td>2007</td><td>70%</td><td>71%</td></tr><tr><td>2008</td><td>68%</td><td>69%</td></tr><tr><td>2009</td><td>67%</td><td>68%</td></tr><tr><td>2010</td><td>67%</td><td>69%</td></tr><tr><td>2011</td><td>68%</td><td>70%</td></tr><tr><td>2012</td><td>69%</td><td>71%</td></tr><tr><td>2013</td><td>70%</td><td>72%</td></tr><tr><td>2014</td><td>71%</td><td>73%</td></tr><tr><td>2015</td><td>72%</td><td>74%</td></tr><tr><td>2016</td><td>73%</td><td>75%</td></tr><tr><td>2017</td><td>74%</td><td>76%</td></tr><tr><td>2018</td><td>75%</td><td>76%</td></tr><tr><td>2019</td><td>75%</td><td>76%</td></tr><tr><td>2020</td><td>75%</td><td>76%</td></tr></tbody></table>	Year	West Yorkshire	England	2004	72%	72%	2005	73%	73%	2006	72%	72%	2007	70%	71%	2008	68%	69%	2009	67%	68%	2010	67%	69%	2011	68%	70%	2012	69%	71%	2013	70%	72%	2014	71%	73%	2015	72%	74%	2016	73%	75%	2017	74%	76%	2018	75%	76%	2019	75%	76%	2020	75%	76%	West Yorkshire's employment rate is growing and outperforms many comparator areas; the gap with the national average has narrowed.														
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Productivity <i>Nominal unsmoothed GVA per hour worked</i> Source: ONS, Sub-regional productivity data	 <table><caption>Nominal unsmoothed GVA per hour worked (2004-2019)</caption><thead><tr><th>Year</th><th>West Yorkshire</th><th>United Kingdom</th><th>UK exc. London</th></tr></thead><tbody><tr><td>2004</td><td>22</td><td>24</td><td>23</td></tr><tr><td>2005</td><td>23</td><td>25</td><td>24</td></tr><tr><td>2006</td><td>24</td><td>26</td><td>25</td></tr><tr><td>2007</td><td>25</td><td>27</td><td>26</td></tr><tr><td>2008</td><td>26</td><td>28</td><td>27</td></tr><tr><td>2009</td><td>26</td><td>28</td><td>27</td></tr><tr><td>2010</td><td>27</td><td>29</td><td>28</td></tr><tr><td>2011</td><td>27</td><td>30</td><td>29</td></tr><tr><td>2012</td><td>28</td><td>31</td><td>30</td></tr><tr><td>2013</td><td>28</td><td>32</td><td>31</td></tr><tr><td>2014</td><td>29</td><td>33</td><td>32</td></tr><tr><td>2015</td><td>29</td><td>34</td><td>33</td></tr><tr><td>2016</td><td>30</td><td>35</td><td>34</td></tr><tr><td>2017</td><td>30</td><td>36</td><td>35</td></tr><tr><td>2018</td><td>30</td><td>36</td><td>35</td></tr><tr><td>2019</td><td>30</td><td>36</td><td>35</td></tr></tbody></table>	Year	West Yorkshire	United Kingdom	UK exc. London	2004	22	24	23	2005	23	25	24	2006	24	26	25	2007	25	27	26	2008	26	28	27	2009	26	28	27	2010	27	29	28	2011	27	30	29	2012	28	31	30	2013	28	32	31	2014	29	33	32	2015	29	34	33	2016	30	35	34	2017	30	36	35	2018	30	36	35	2019	30	36	35	Productivity is increasing in West Yorkshire but not quickly enough to make significant inroads into the gap with the UK average.
Year	West Yorkshire	United Kingdom	UK exc. London																																																																			
2004	22	24	23																																																																			
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Private sector businesses <i>Businesses per 1k of population</i> Source: ONS, Business activity, size and location, 2020	 <table><caption>Businesses per 1k of population (2020)</caption><thead><tr><th>Region</th><th>Businesses per 1k of population</th></tr></thead><tbody><tr><td>West Yorkshire</td><td>39</td></tr><tr><td>England</td><td>48</td></tr><tr><td>Greater Manchester</td><td>42</td></tr><tr><td>Sheffield City Region</td><td>33</td></tr><tr><td>West Midlands</td><td>36</td></tr></tbody></table>	Region	Businesses per 1k of population	West Yorkshire	39	England	48	Greater Manchester	42	Sheffield City Region	33	West Midlands	36	The number of private sector businesses in West Yorkshire is growing at a similar rate to the national average but the level of business density is relatively low in the region.																																																								
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Indicator	Headline chart	Comment																
Innovation <i>Proportion of Leeds City Region business engaged in innovation activities</i> Source: Leeds City Region Business Survey	 <table><thead><tr><th>Year</th><th>Proportion (%)</th></tr></thead><tbody><tr><td>2017</td><td>71%</td></tr><tr><td>2019</td><td>65%</td></tr><tr><td>2020</td><td>69%</td></tr></tbody></table>	Year	Proportion (%)	2017	71%	2019	65%	2020	69%	The proportion of businesses engaging in innovation activity has remained largely flat in recent years.								
Year	Proportion (%)																	
2017	71%																	
2019	65%																	
2020	69%																	
International trade <i>Service exports per £m of GVA</i> Source: ONS, International exports of services from subnational areas of the UK (NB: Goods exports covered in main report)	 <table><thead><tr><th>Year</th><th>West Yorkshire (£m)</th><th>UK (£m)</th></tr></thead><tbody><tr><td>2016</td><td>~85,000</td><td>~140,000</td></tr><tr><td>2017</td><td>~95,000</td><td>~150,000</td></tr><tr><td>2018</td><td>~120,000</td><td>~160,000</td></tr></tbody></table>	Year	West Yorkshire (£m)	UK (£m)	2016	~85,000	~140,000	2017	~95,000	~150,000	2018	~120,000	~160,000	Value of exports of goods and services per £m of total GVA in West Yorkshire are both below the national average. Although service exports are increasing strongly relative to GVA, exports of goods have remained flat.				
Year	West Yorkshire (£m)	UK (£m)																
2016	~85,000	~140,000																
2017	~95,000	~150,000																
2018	~120,000	~160,000																
Cultural sector contribution to employment <i>Employment in cultural activities as a proportion of total employment</i> Source: Business Register and Employment Survey, 2019	 <table><thead><tr><th>Local Authority</th><th>Proportion (%)</th></tr></thead><tbody><tr><td>Bradford</td><td>0.8%</td></tr><tr><td>Calderdale</td><td>1.3%</td></tr><tr><td>Kirklees</td><td>0.6%</td></tr><tr><td>Leeds</td><td>1.5%</td></tr><tr><td>Wakefield</td><td>0.5%</td></tr><tr><td>West Yorkshire</td><td>1.0%</td></tr><tr><td>England</td><td>1.2%</td></tr></tbody></table>	Local Authority	Proportion (%)	Bradford	0.8%	Calderdale	1.3%	Kirklees	0.6%	Leeds	1.5%	Wakefield	0.5%	West Yorkshire	1.0%	England	1.2%	Cultural employment is relatively low in West Yorkshire as whole, although the picture varies across local authorities. Employment in the sector has grown at a faster rate in West Yorkshire than nationally in recent years.
Local Authority	Proportion (%)																	
Bradford	0.8%																	
Calderdale	1.3%																	
Kirklees	0.6%																	
Leeds	1.5%																	
Wakefield	0.5%																	
West Yorkshire	1.0%																	
England	1.2%																	

Indicator	Headline chart	Comment									
<p>People qualified at level 4 and above</p> <p><i>People whose highest qualification is at Level 4 or above - all aged 16-64</i></p> <p>Source: ONS APS</p>	 <table><caption>People qualified at level 4 and above</caption><thead><tr><th>Year</th><th>West Yorkshire</th><th>England</th></tr></thead><tbody><tr><td>2004</td><td>~23%</td><td>~26%</td></tr><tr><td>2020</td><td>38%</td><td>43%</td></tr></tbody></table>	Year	West Yorkshire	England	2004	~23%	~26%	2020	38%	43%	<p>The proportion of people qualified at this level is on an upward trend in West Yorkshire but there is still a significant gap with the national average – albeit narrowing.</p>
Year	West Yorkshire	England									
2004	~23%	~26%									
2020	38%	43%									
<p>Gigabit-capable internet coverage</p> <p><i>% of properties with gigabit-capable internet coverage</i></p> <p>Source: ThinkBroadband</p>	 <table><caption>Gigabit-capable internet coverage</caption><thead><tr><th>Year</th><th>West Yorkshire</th><th>England</th></tr></thead><tbody><tr><td>2019</td><td>~3%</td><td>~6%</td></tr><tr><td>2021</td><td>27.2</td><td>20.4</td></tr></tbody></table>	Year	West Yorkshire	England	2019	~3%	~6%	2021	27.2	20.4	<p>West Yorkshire's gigabit-capable internet coverage is growing and is above the national average. West Yorkshire also outperforms the national average on full-fibre coverage.</p>
Year	West Yorkshire	England									
2019	~3%	~6%									
2021	27.2	20.4									
<p>Take-up of superfast (or above) broadband services</p> <p><i>Number of connections ≥ 30 Mbit/s (number of lines) in West Yorkshire</i></p> <p>Source: Ofcom Connected Nations Summer Report 2020</p>	 <table><caption>Take-up of superfast broadband services</caption><thead><tr><th>Year</th><th>West Yorkshire</th></tr></thead><tbody><tr><td>2016</td><td>~300,000</td></tr><tr><td>2020</td><td>~550,000</td></tr></tbody></table>	Year	West Yorkshire	2016	~300,000	2020	~550,000	<p>The number of superfast connections is growing rapidly in West Yorkshire but only a fraction of households covered by these services take them up.</p>			
Year	West Yorkshire										
2016	~300,000										
2020	~550,000										

Indicator	Headline chart	Comment						
<p>Mobile coverage</p> <p><i>4G premises (indoor) coverage from all providers, 2020</i></p> <p>Source: Ofcom Connected Nations Summer Report 2020</p>	 <table><tr><th>Region</th><th>Coverage (%)</th></tr><tr><td>West Yorkshire</td><td>84%</td></tr><tr><td>England</td><td>82%</td></tr></table>	Region	Coverage (%)	West Yorkshire	84%	England	82%	<p>4G coverage is growing in West Yorkshire and exceeds the national average.</p>
Region	Coverage (%)							
West Yorkshire	84%							
England	82%							

Indicators contained in Levelling Up white paper that align with Business, Economy and Innovation remit

Link to CA priority	Indicator	Key indicator in WP	WP Mission	Proposed role in CA reporting
Business, Economy and Innovation	Gross Value Added (GVA) per hour worked	*	1	Existing indicator
Business, Economy and Innovation	Gross median weekly pay (£)	*	1	Supplementary indicator
Business, Economy and Innovation	Gross Disposable Household Income (GDHI)		1	Existing indicator
Business, Economy and Innovation	Business expenditure on R&D	*	2	Only available at regional level currently
Business, Economy and Innovation	Government funding for R&D	*	2	Only available at regional level currently
Business, Economy and Innovation	Total value of UK exports		1	Existing indicator (local export value)
Business, Economy and Innovation	Percentage of businesses that are innovation active		2	Existing indicator
Business, Economy and Innovation	Inward and outward Foreign Direct Investment (FDI)		2	Supplementary indicator

Mission 1: By 2030, pay, employment and productivity will have risen in every area of the UK, with each containing a globally competitive city, with the gap between the top performing and other areas closing.

Mission 2: By 2030, domestic public investment in R&D outside the Greater South East will increase by at least 40%, and over the Spending Review period by at least one third. This additional government funding will seek to leverage at least twice as much private sector investment over the long term to stimulate innovation and productivity growth