

# Measuring the Success of the Industrial Strategy

Industrial Strategy Council



Schedule of Success Metrics

October 2019

# About the Industrial Strategy Council

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The Industrial Strategy Council ('the Council') is an independent non-statutory advisory group established in November 2018. It is tasked with providing impartial and expert evaluation of the government's progress in delivering the aims of the Industrial Strategy. Its membership is comprised of leading men and women from business, academia and civil society.

## About this Schedule of Success Metrics

This document provides the schedule of success metrics selected by the Industrial Strategy Council. To find out more about the methodology followed by the Council, see the research paper: [Measuring the Success of the Industrial Strategy](#).

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>1. HEADLINE OUTCOMES</b>					
<b>Earnings</b>	1.1.1 – Gross weekly earnings, adjusted for inflation	1.1.1a – Gross weekly earnings, adjusted for inflation, UK, 2000 - 2018 (£)	Timeseries, regional comparison	ONS	Annual
		1.1.1b – Gross median weekly earnings, adjusted for inflation, UK by local authority, 2018 (£)			
		1.1.1c – Gross median weekly earnings, adjusted for inflation, UK by gender, 2000 - 2018 (£)			
	1.1.2 – Gross median hourly earnings by age and generation, adjusted for inflation	1.1.2a – Gross median hourly earnings by age and generation, adjusted for inflation, Great Britain, 1941 - 2018 (£)	Timeseries	Resolution Foundation	TBC
<b>Productivity</b>	1.2.1 – Labour productivity: GVA per hour	1.2.1a – Labour productivity: GVA per hour, UK, Q1 2000 - Q2 2019, Q1 2000 = 100	Timeseries, regional comparison	ONS	Quarterly

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<b>Productivity</b>	1.2.1 – Labour productivity: GVA per hour cont.	1.2.1b – Labour productivity: GVA per hour, UK by region, 2000 - 2017, UK = 100	Timeseries, regional comparison	ONS	Annual
		1.2.1c – Labour Productivity: GVA per hour, UK by region, 2017, UK = 100	Timeseries, regional comparison	ONS	Annual
	1.2.2 – Productivity: GDP per hour	1.2.2a – International comparisons of productivity (GDP per hour worked), G7 countries, 2000 - 2016, 2000 = 100	Timeseries, international comparison	ONS	TBC
	1.2.3 – Multi-factor productivity	1.2.3a – Multi-factor productivity, Q1 2000 - Q2 2019, UK, Q1 2000 = 100	Timeseries	ONS	Quarterly
	1.2.4 – Regional disparities	1.2.4a – International comparisons of regional disparities in productivity, France, Germany, Italy and the UK, 2018	Snapshot, international comparison	Eurostat	TBC
<b>Labour Market</b>	1.3.1 – Employment and unemployment rates	1.3.1a – Employment and unemployment rates, UK by gender, Jan-Mar 2000 - Jun-Aug 2019 (%)	Timeseries	ONS	Monthly

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<b>Labour market</b>	1.3.1 – Employment and unemployment rates cont.	1.3.1b – Unemployment rates, UK by ethnicity, Apr-Jun 2001 - Apr-Jun 2019 (%)	Timeseries	ONS	Quarterly
		1.3.1c – Employment and unemployment rates of people with disabilities, UK, Apr-Jun 2013 - Apr-Jun 2019 (%)	Timeseries	ONS	Quarterly
	1.3.2 – Unemployment rate	1.3.2a – International comparisons of unemployment, G7 countries excluding Canada, 2000 - 2018 (%)	Timeseries, international comparison	Eurostat	Annual
	1.3.3 – Hard to fill vacancies	1.3.3a – Hard to fill vacancies as a percentage of current vacancies by firm size, UK, 2017 (%)	Snapshot	DfE	TBC
	1.3.4 – Sickness absences	1.3.4a – Number of days lost through sickness absence per worker, UK, 2000 - 2017	Timeseries	ONS	Annual
<b>Well-being</b>	1.4.1 – Life satisfaction	1.4.1a – Distribution of life satisfaction ratings, UK, Apr 2011 - Mar 2019 (%)	Timeseries, regional comparison	ONS	Annual

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>Well-being</b>	1.4.1 – Life satisfaction cont.	1.4.1b – Proportion of respondents reporting very high life satisfaction, UK by region, 2018 (%)	Timeseries, regional comparison	ONS	Annual
	1.4.2 – Health satisfaction	1.4.2a – Distribution of health satisfaction ratings, UK, 2002 - 2017 (%)	Timeseries, regional comparison	ONS	Annual
		1.4.2b – Proportion of people with high levels of health satisfaction, UK by region, 2016 - 2017 (%)			
<b>Social Capital</b>	1.5.1a – Dimensions of trust	1.5.1a – Dimensions of trust: generalised and people vs institutions, UK and European average, 2002 - 2016	Timeseries, international comparison	Bennett Institute	TBC
		1.5.1b – Comparison of dimensions of trust, UK and Europe, 2002 - 2016			
<b>Environment</b>	1.6.1 – Greenhouse gas emissions	1.6.1a – Estimated emissions of Greenhouse Gases by end-user category, UK, 1990 - 2017 (Million tonnes carbon dioxide equivalent (MtCO <sub>2</sub> e))	Timeseries	BEIS	Annual

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<b>2. IDEAS FOUNDATION</b>					
<b>Research and Development</b>	2.1.1 – Research and development expenditure	2.1.1a – Gross expenditure on R&D as a share of GDP, G7 countries excluding Canada, 2000 - 2017 (%)	Timeseries, international comparison	Eurostat	Annual
		2.1.1b – Gross expenditure on R&D as a share of GDP, UK by sector, 2000 - 2017 (%)	Timeseries	Eurostat	Annual
	2.1.2 – University collaboration	2.1.2a – Income from business and community interactions, UK, 2014 to 15 – 2017 to 18 (£)	Timeseries	Higher Education Statistics Agency	Annual
	2.1.3 – Expenditure on science, engineering and technology	2.1.3a – Government expenditure on science, engineering and technology adjusted for inflation, UK, 2006 - 2016 (£ millions)	Timeseries	ONS	Annual
<b>Innovation</b>	2.2.1 – Innovation activity	2.2.1a – Proportion of firms engaging in innovation activity, UK by region, 2013 - 2017 (%)	Timeseries, regional comparison	UK innovation survey	Every 2 years

<b>Subheading</b>	<b>Indicator</b>	<b>Metric</b>	<b>What is being tracked</b>	<b>Data source</b>	<b>Update frequency</b>
<b>Innovation</b>	2.2.2 – Citation impact	2.2.2a – International comparisons of field-weighted citation impact, G7 countries, 2000 - 2018	Timeseries, international comparison	BEIS	Annual
<b>Intangibles</b>	2.3.1 – Investment	2.3.1a – Investment on intangible assets as a proportion of GVA, UK, 2000 - 2016 (%)	Timeseries	ONS	Annual



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<b>3. PEOPLE FOUNDATION</b>					
<b>Human Capital</b>	3.1.1 – Human capital	3.3.1a – Real full and employed human capital stock, UK by gender, 2004 - 2017, 2015 prices (£ trillion)	Timeseries, regional comparison	ONS	Annual
		3.3.1b – Real full human capital stock, UK by region, 2017, 2015 prices (£)			
<b>Education</b>	3.2.1 – PISA score	3.3.1a – PISA mean maths score, G7 countries, 2003 - 2015	Timeseries, international comparison	OECD	Every 3 years
	3.2.2 – Qualification level 3	3.2.2a – Percentage of 19-year olds qualified to Level 3, England, 2004 - 2018 (%)	Timeseries	DfE	Annual
<b>Quality of Work</b>	3.3.1 – Job satisfaction	3.3.1a – Distribution of job satisfaction ratings, UK, 2002 - 2017 (%)	Timeseries, regional comparison	ONS	Annual
		3.3.1b – Proportion of people with high levels of job satisfaction, UK by region, 2016 to 2017 (%)			

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<b>4. INFRASTRUCTURE FOUNDATION</b>					
<b>Expenditure</b>	4.1.1 – Government expenditure	4.1.1a – Government expenditure on infrastructure as a proportion of GDP, UK, 2006 - 2016 (%)	Timeseries	ONS	Annual
<b>Online Connectivity</b>	4.2.1 – Access to broadband	4.2.1a – Proportion of premises with access to a download speed of 10Mbit/s or higher, UK by rurality, 2017 - 2019 (%)	Timeseries, regional comparison	Ofcom	Every 6 months
		4.2.1b – Proportion of premises with access to a download speed of 10Mbit/s or higher, UK by local authority, May 2019 (%)			
	4.2.2 – Full fibre access	4.2.2a – Proportion of premises with access to full fibre services, UK by rurality, 2017 - 2019 (%)	Timeseries, regional comparison	Ofcom	Every 6 months
		4.2.2b – Proportion of premises with access to full fibre services, UK by local authority, May 2019 (%)			
<b>Transport</b>	4.3.1 – Rail travel	4.3.1a – Percentage of passenger trains arriving on time in the past year, Great Britain, 2011 - 2019 (%)	Timeseries	ORR	Quarterly

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>Transport</b>	4.3.2 – Road travel	4.3.2a – Average delay on locally managed 'A' roads, England by local authority, 2018 (minutes)	Timeseries, regional comparison	NIC	Annual
	4.3.3 – Bus services	4.3.3a – Average excess waiting time for frequent bus services, England by local authority, 2017 - 2018 (minutes)	Timeseries, regional comparison	DfT	Annual
	4.3.4 – Investment in transport infrastructure	4.3.4a – International comparisons of transport infrastructure investment, G7 countries, 2000 - 2017 (€ billion)	Timeseries, international comparison	OECD	Annual
	4.3.5 – Commuting time	4.3.5a – Median commuting time by gender over time, UK, 2002 - 2018 (minutes)	Timeseries	ONS	TBC

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>5. BUSINESS ENVIRONMENT FOUNDATION</b>					
<b>Doing Business</b>	5.1.1 – Ease of doing business score	5.1.1a – International comparisons of ease of doing business scores, G7 countries, 2010 - 2019	Timeseries, international comparison	Doing Business Dataset	Annual
<b>Access to Finance</b>	5.2.1 – Ease of getting credit score	5.2.1a – International comparisons of ease of getting credit scores, G7 countries, 2010 - 2019	Timeseries, international comparison	Doing Business Dataset	Annual
	5.2.1 – Type of financing for SMEs	5.2.1a – Types of finance currently being used, 2018 (%)	Snapshot	BEIS	TBC
<b>Investment</b>	5.3.1 – Business investment	5.3.1a – Business investment as a proportion of GFCF, UK, Q1 2000 - Q2 2019 (%)	Timeseries	ONS	Annual
	5.3.2 – Foreign direct investment position	5.3.1a – Foreign direct investment positions, UK, 2008 - 2017 (£ billion)	Timeseries	ONS	Annual

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>6. ARTIFICIAL INTELLIGENCE AND DATA GRAND CHALLENGE</b>					
<b>Artificial Intelligence Perception</b>	6.1.1 – Public attitudes towards AI	6.1.1a – Public attitudes towards the impact of increasing use of artificial intelligence in the UK, Jun 2019 (%)	Snapshot	BEIS	TBC
<b>Artificial Intelligence Adoption</b>	6.2.1 – Public sector adoption readiness	6.2.1a – Preparedness to use AI in the delivery of public services, G7 countries, 2019	Snapshot	Oxford Insights and the International Development Research Centre	Annual
<b>Data Openness</b>	6.3.1 – Prevalence of open data	6.1.3a – Assessment of the prevalence of open data initiatives, G7 countries, 2017	Snapshot	World Wide Web Foundation, Open Data Barometer	Annual

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>7. AGEING SOCIETY GRAND CHALLENGE</b>					
<b>Life Expectancy</b>	7.1.1 – Healthy life expectancy	7.1.1a – Healthy life expectancy at birth and aged 65, UK by gender, 2015 - 2017 (years)	Timeseries, regional comparison	ONS	Annual
		7.1.1b – Healthy life expectancy at birth, UK by gender and by region, 2015 - 2017 (years)			
	7.1.2 – Disability free life expectancy	7.1.2a – Disability free life expectancy at birth and aged 65, UK by gender, 2009 - 2017 (years)	Timeseries, regional comparison	ONS	Annual
		7.1.2 – Disability free life expectancy at birth, UK by gender and by region, 2009 - 2017 (years)			
<b>Society</b>	7.2.1 – Employment and unemployment rates	7.2.1a – Employment and unemployment rates of people aged 50+, UK, Jan-Mar 2000 - Jun-Aug 2019 (%)	Timeseries	ONS	Monthly
	7.2.2 – Loneliness	7.2.2a – How often people feel lonely by age group, England, 2018 - 2019 (%)	Timeseries	DCMS	Annual

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>8. CLEAN GROWTH GRAND CHALLENGE</b>					
<b>Emissions</b>	8.1.1 – Emissions intensity ratio	8.1.1a – Emissions intensity ratio, UK, 2000 - 2017 (thousands of tonnes of carbon dioxide equivalent per £ million)	Timeseries	ONS	Annual
<b>Renewable Energy Low Carbon and Renewable Energy Economy</b>	8.2.1 – Turnover	8.2.1a – Low Carbon and Renewable Energy economy turnover, UK, 2014 - 2017 (£ thousand)	Timeseries	ONS	Annual
	8.2.2 – Employment	8.2.2a – Low Carbon and Renewable Energy economy employment UK, 2014 - 2017 (FTE)			
	8.2.3 – Exports	8.2.3a – Low Carbon and Renewable Energy economy exports, UK, 2014 - 2017 (£ thousand)			
<b>Research, Design and Adoption</b>	8.3.1 – Budget	8.3.1a – RD&D budget on low-carbon technologies, G7 countries, 1990 - 2018 (USD (2018 PPP) million)	Timeseries	IEA Energy Technology RD&D Budget Database	Annual

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<b>Usage</b>	8.4.1 – Energy usage per dwelling	8.4.1a – Average energy usage per dwelling, England and Wales, Q1 2009 - Q2 2019 (kWh/m2 pa)	Timeseries, regional comparison	MHCLG	Quarterly
		8.4.1b – Average energy usage per dwelling, England and Wales by region, Q1 2009 - Q2 2019 (kWh/m2 pa)			
<b>Renewable Energy</b>	8.5.1 – Electricity generation	8.5.1a – Electricity generated from renewable sources, UK, 2000 - 2018 (GWh)	Timeseries	BEIS	Annual



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<b>9. FUTURE OF MOBILITY GRAND CHALLENGE</b>					
<b>Electric Vehicles</b>	9.1.1 – Registrations	9.1.1a – Number of electric and alternatively fuelled vehicle registrations, UK, Sept 2011 - Sept 2019	Snapshot	The Society of Motor Manufacturers and Traders	Monthly
	9.1.2 – Public perception	9.1.1a – CAV public perception: % who can name a benefit, England, 2017 - 2018 (%)	Timeseries	Public Attitudes Tracker BEIS	TBC
<b>Road Freight Movement</b>	9.2.1 – Domestic and international road freight activity	9.2.1a – Goods moved by UK-registered HGVs, Q1 2004 - Q1 2019 (billion tonne kilometres)	Timeseries	DfT	Annual

Subheading	Indicator	Metric	What is being tracked	Data source	Update frequency
<b>10. SECTOR DEALS</b>					
<b>Productivity</b>	10.1.1 – GVA per worker by sector with a Sector Deal	10.1.1a – GVA per worker by sector with a Sector Deal, UK, 2017 (£ thousands)	Snapshot	ONS	Annual
<b>Labour market</b>	10.2.1 – Number of UK jobs in each sector covered by a Sector Deal	10.2.1a – Number of UK jobs by sector with a Sector Deal, UK, 2017 (thousands)	Snapshot	ONS	Annual