

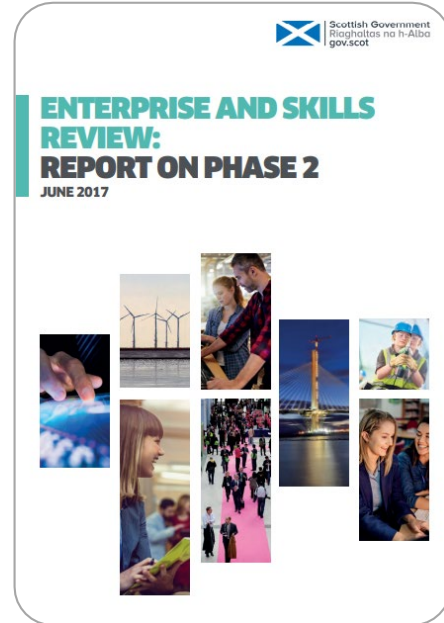
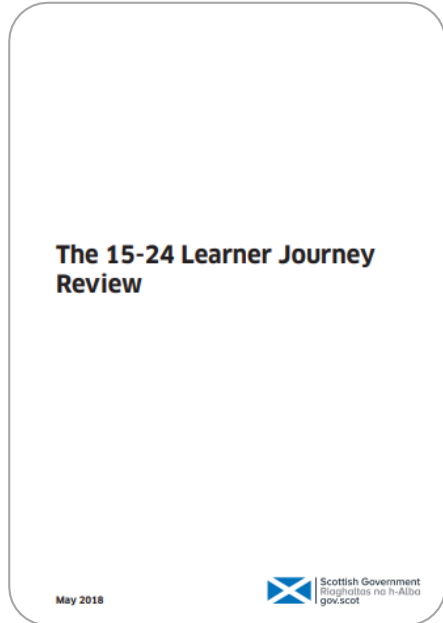
Investigating the wellbeing returns from post-school education in Scotland using secondary data sources

Annual Population Survey User Conference : 30 January 2022



Education and Skills in Scotland

Policy Context



Policy Drivers



Policy Response

Comprehensive understanding of returns from education

Economic

Individual

Societal

Education and Skills in Scotland

Public Investment

£2 billion

Learners

34k

Modern Apprentices

120k

College Students

140k

University Students

Stakeholders

Society

Individuals

Employers

Pathways

University

College

Apprenticeships

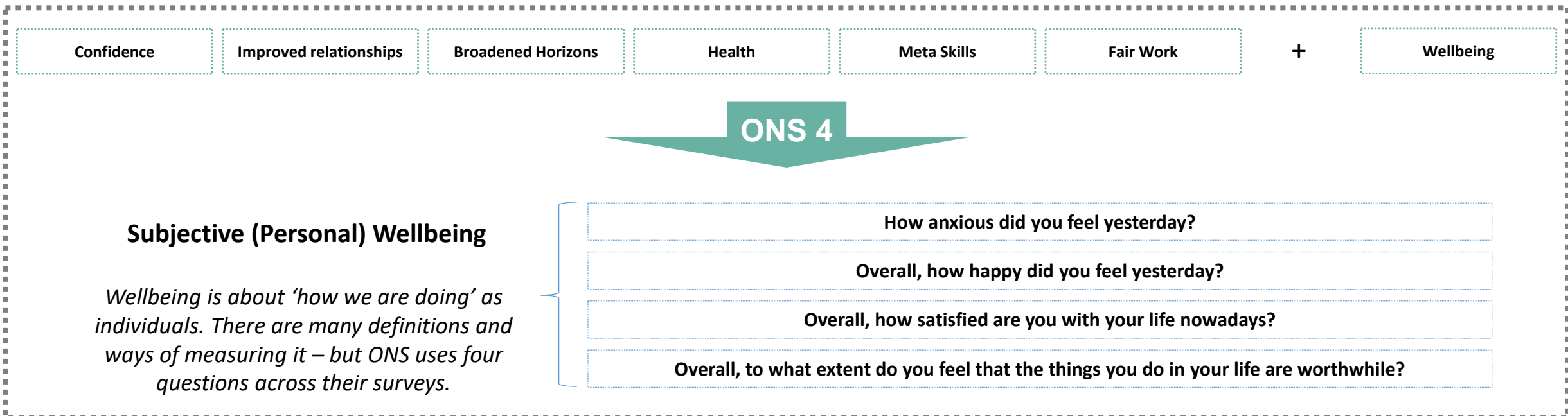
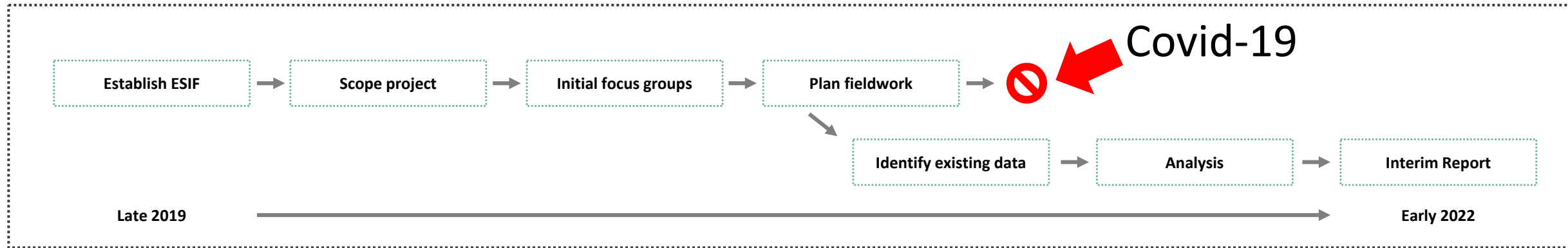
Economic Outcomes

- Economic returns to individuals and society
- ROI to individuals and society
- Returns and ROI to employers for MAs

Non-economic Outcomes

- Non-economic outcomes to individuals and society

Aims and Objectives



Our data



Annual Population Survey
2015 - 2020

59,453 respondents who either
(i) live in Scotland and have no qualifications
(ii) have Scottish school-level qualifications



Apprentice Wellbeing Survey



2,000 Modern Apprentices
completed their MA in Scotland
surveyed 1-3 years post-leaving



Graduate Outcomes Survey
2018-19

17,000 higher education students*
who completed their qualification 15
months ago and graduated from a
Scottish institution

3 levels of analysis – caveats for each



Has qualification



Has no qualification



Has no qualification



Has school-level qualification



Has post-school qualification



Has no qualification



Has school-level qualification



NVQ Lvl. 1-3 / Trade App.



HNC / HND / BTEC



First degree



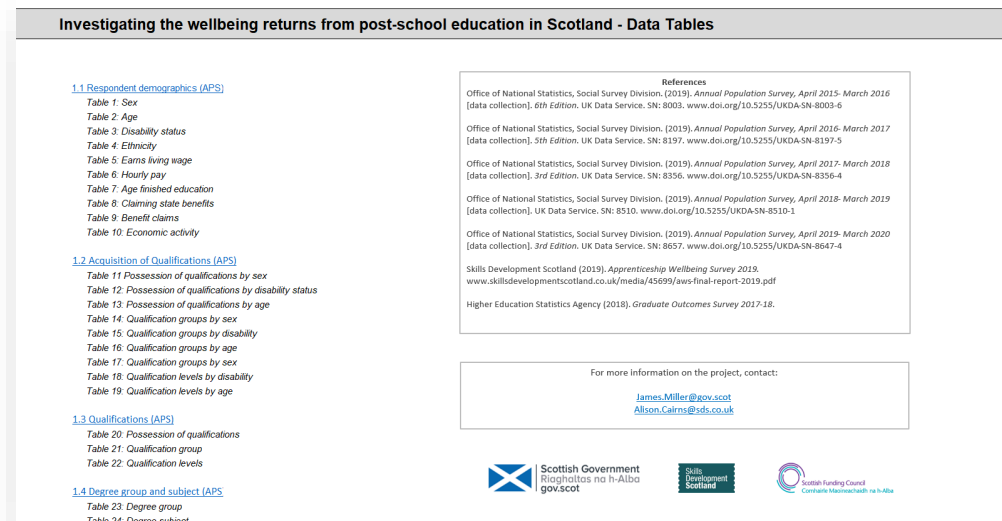
Higher degree

* 17,000 refers to the number of students in the curated HESA dataset that went to a Scottish Higher Education Institution.

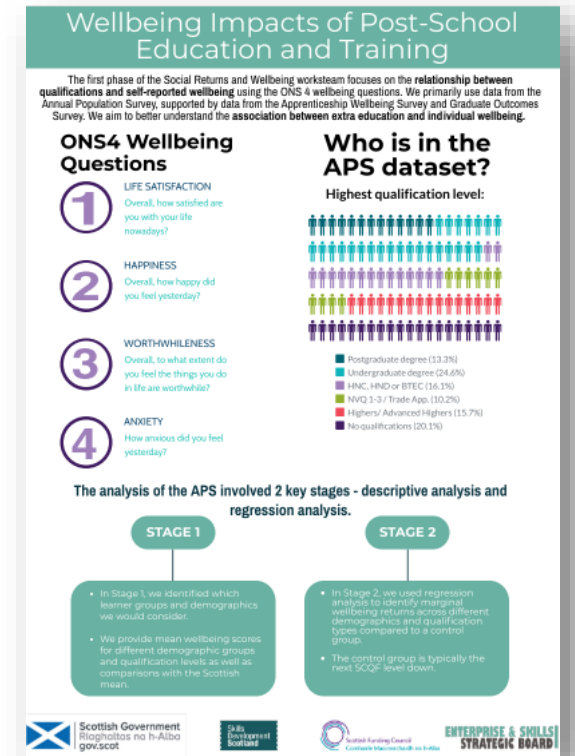
Outputs from Phase 1



Full phase 1 report



Data tables

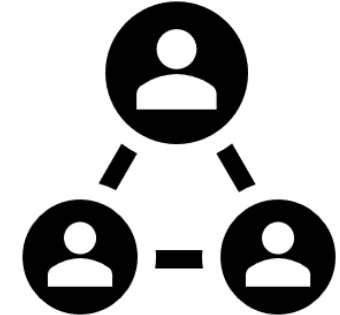
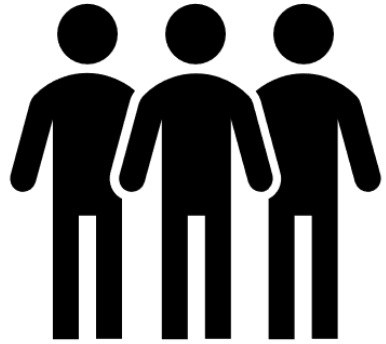


Summary infographics

Looking ahead to Phase 2



How can the Annual Population Survey help us?



Three pathways and qualification breakdowns:

- Modern Apprenticeship Leavers
- College Leavers
- University Leavers

Variables that map to outcomes

- Fair work
- Health
- Confidence
- Broaden your horizons
- Civic engagement
- Productivity

Additional characteristics in secure version of data that we have gained access to

- Sexual orientation
- Geographical information (rural/urban and SIMD)

What are we looking to do next?

Outcome	Indicator	APS	UKLS
Confidence	Confidence about the future	✓	✓
	Confidence in the government	✓	✓
	Confidence in the police	✓	✓
	Confidence in the NHS	✓	✓
	Confidence in the military	✓	✓
Relationships	Relationships with family	✓	✓
	Relationships with friends	✓	✓
	Relationships with work	✓	✓
	Relationships with the community	✓	✓
	Relationships with the country	✓	✓
Health	Physical health	✓	✓
	Mental health	✓	✓
	Ability to get on with life	✓	✓
	Ability to get on with work	✓	✓
	Ability to get on with the world	✓	✓
Strengthen your business	Business performance	✓	✓
	Business growth	✓	✓
	Business innovation	✓	✓
	Business resilience	✓	✓
	Business sustainability	✓	✓
Fair work	Equality of pay for work of equal value	✓	✓
	Equality of opportunity	✓	✓
	Equality of access to services	✓	✓
	Equality of access to education	✓	✓
	Equality of access to housing	✓	✓
Material	Material well-being	✓	✓
	Material well-being (individual)	✓	✓
	Material well-being (household)	✓	✓
	Material well-being (community)	✓	✓
	Material well-being (country)	✓	✓

We have mapped all of our individual and societal level outcomes to indicators and what secondary data is available to explore this further, while also highlighting data gaps.



Have regular expert panel meetings with subject experts from academia, public and third sector where we gain useful feedback on our approach.



We are currently exploring how we might make use of Understanding Society data in our project.



Access to secure data has been granted.



Currently conducting secondary data analysis on the secure version of APS for the individual and societal level outcomes



We are making plans for primary data collection to fill evidence gaps but to also explore the issue of causality that we have not currently been able to address through our secondary data analysis.

Questions?

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