



National

Well-being

Satellite Account for Education and Training, UK Pilot, 2014

Vasileios Antonopoulos
Office for National Statistics

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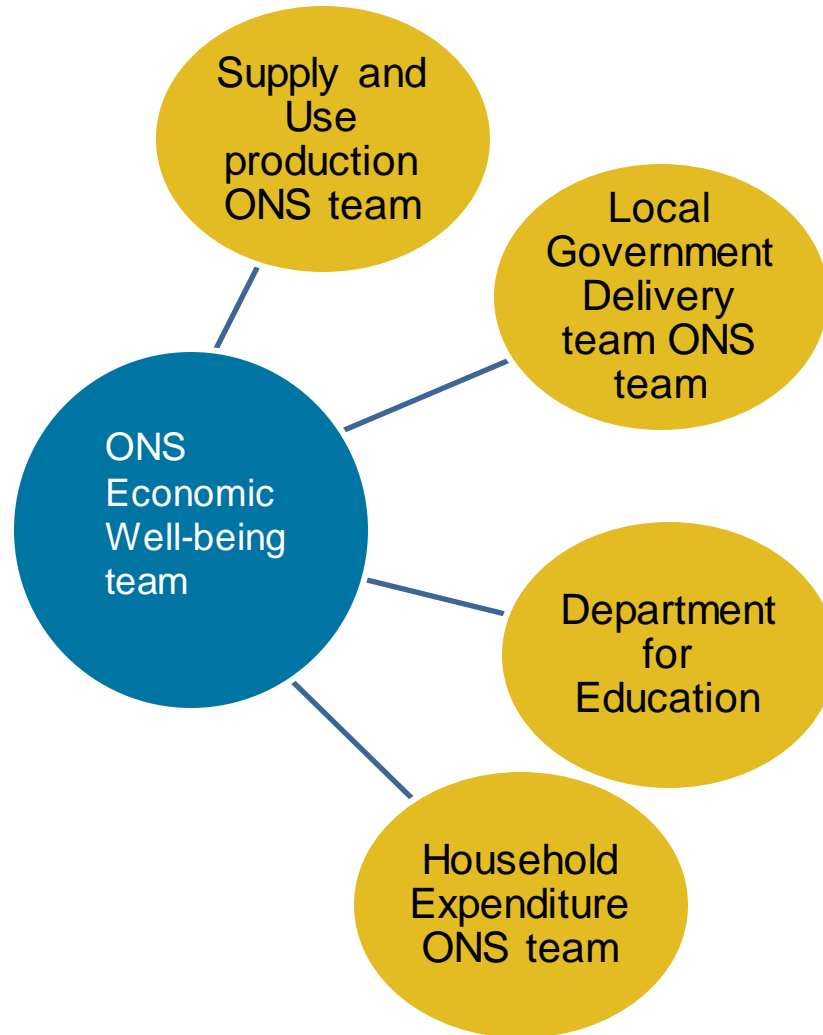
- Objectives and stakeholders
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- Risks and future improvements

Objectives

We aim to:

- pilot a satellite account for education and training largely based on monetary data available from the national accounts.
- provide a more detailed description and assessment of the production activities that contribute to the creation of human capital, and of the financing agents.

Stakeholders



Data Sources

Office for National Statistics

- Supply and Use tables for UK
- Input – output Analytical Tables
- Central Government Public Spending
- Living Costs and food Survey

Department of Education

- Income and Expenditure in Academies in England
- Childcare and Early Year Learning Survey of parents

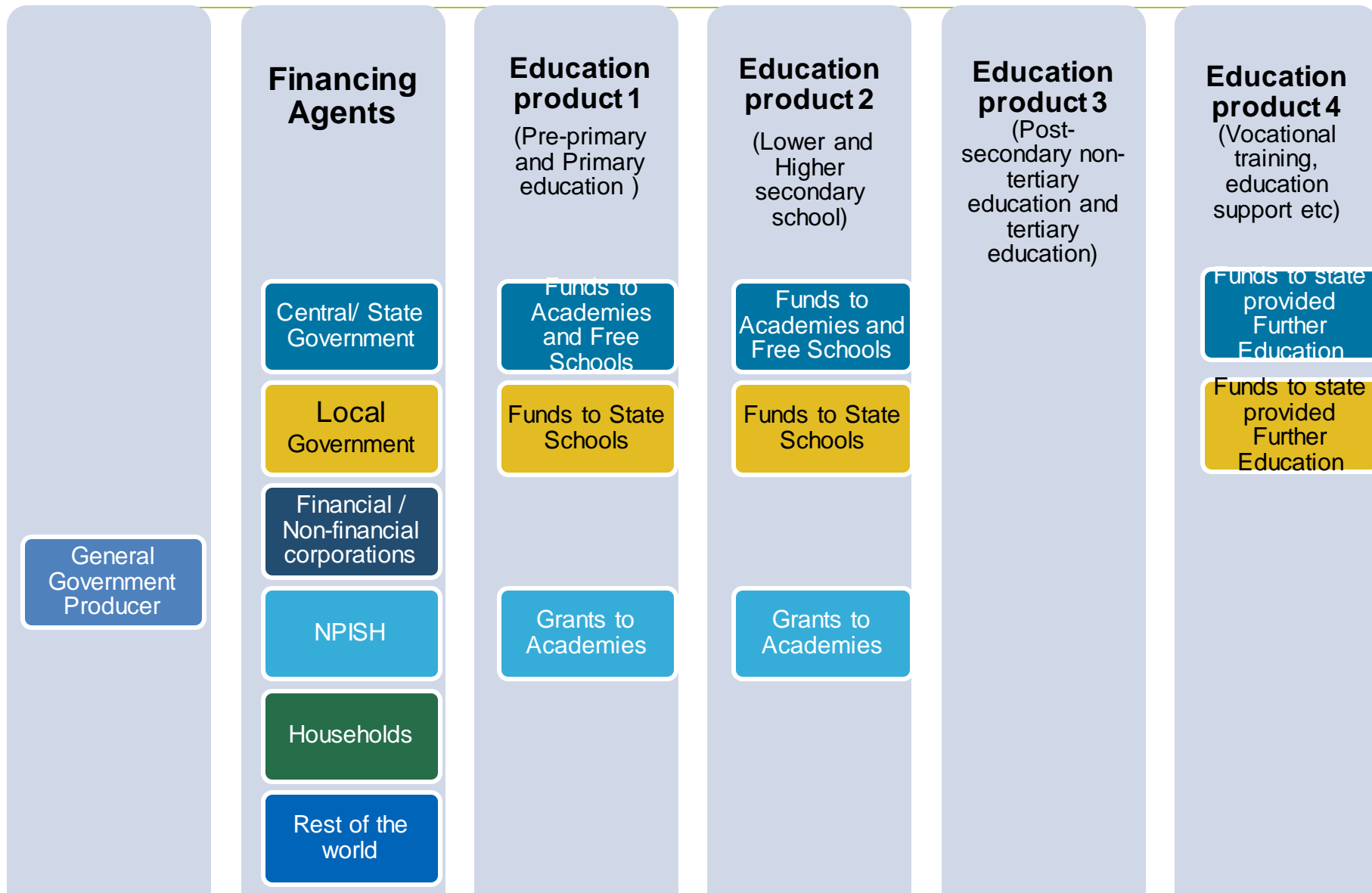
Higher Education Statistical Agency

- Higher Education Finance Survey
- Student in Higher Education Survey

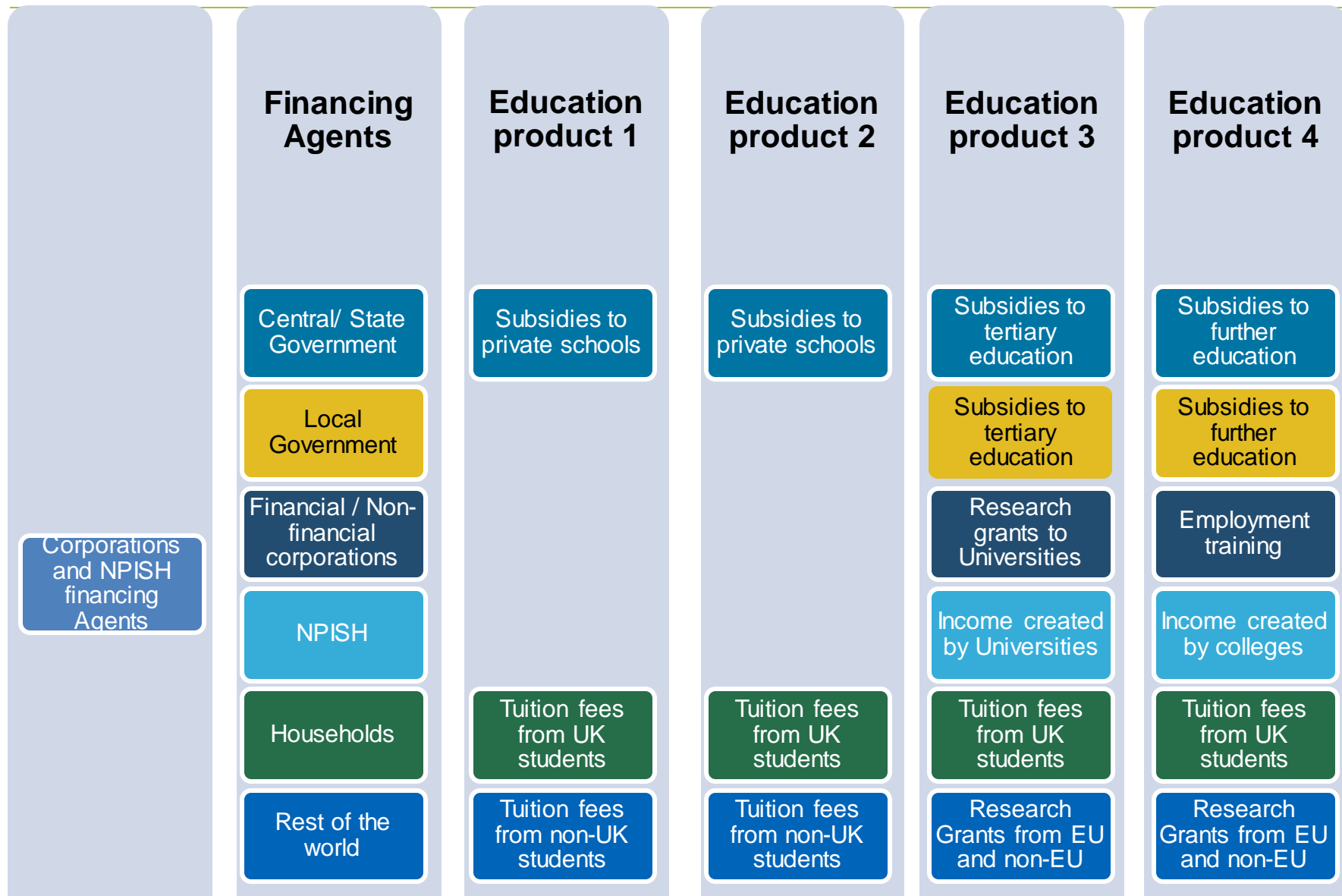
Other Government Departments or Education Councils/Agencies

- Employers skills survey
- Independent Schools Council Annual Census Survey
- statistics on International Development
- Further Education Colleges Accounts

Transactions between financing agents and General Government producers of education and training



Transactions between financing agents and Corporations and NPISH producers of education and training



Transactions between Financing Agents and producers of education and training for 2014

FINANCING AGENT	Millions	PRODUCER								
		GENERAL GOVERNMENT				CORPORATIONS AND NPISH				Rest of the world
		PRODUCTS								
		(EP1)	(EP2)	(EP3)	(EP4)	(EP1)	(EP2)	(EP3)	(EP 4)	(EP1-EP4)
Central/State Government	S.131 1 – S.131 2	£ 813	£ 20,155	-	£ 1,966	£ 3	£ 474	£ 16,175	£ 1,783	£ 821
Local Government	S.131 3	£ 24,664	£ 22,093	-	£ 3,496	-	-	£ 1,403	£ 4,019	-
Financial/Non-Financial corporations	S.11 – S.12	-	-	-	-	-	-	£ 818	£10,436	-
NPISH	S.15	£ 231	£ 1,477	-	-	-	-	£ 21,680	£ 2,021	-
Households	S.14	-	-	-	-	£ 6,171	£ 1,634	£ 9,187	£ 961	£ 260
Rest of the world	S.2	-	-	-	-	£ 11	£ 60	£ 3,573	£ 53	-

(-)Not applicable for UK's SAE

(X) Applicable for UK's SAE but not available data

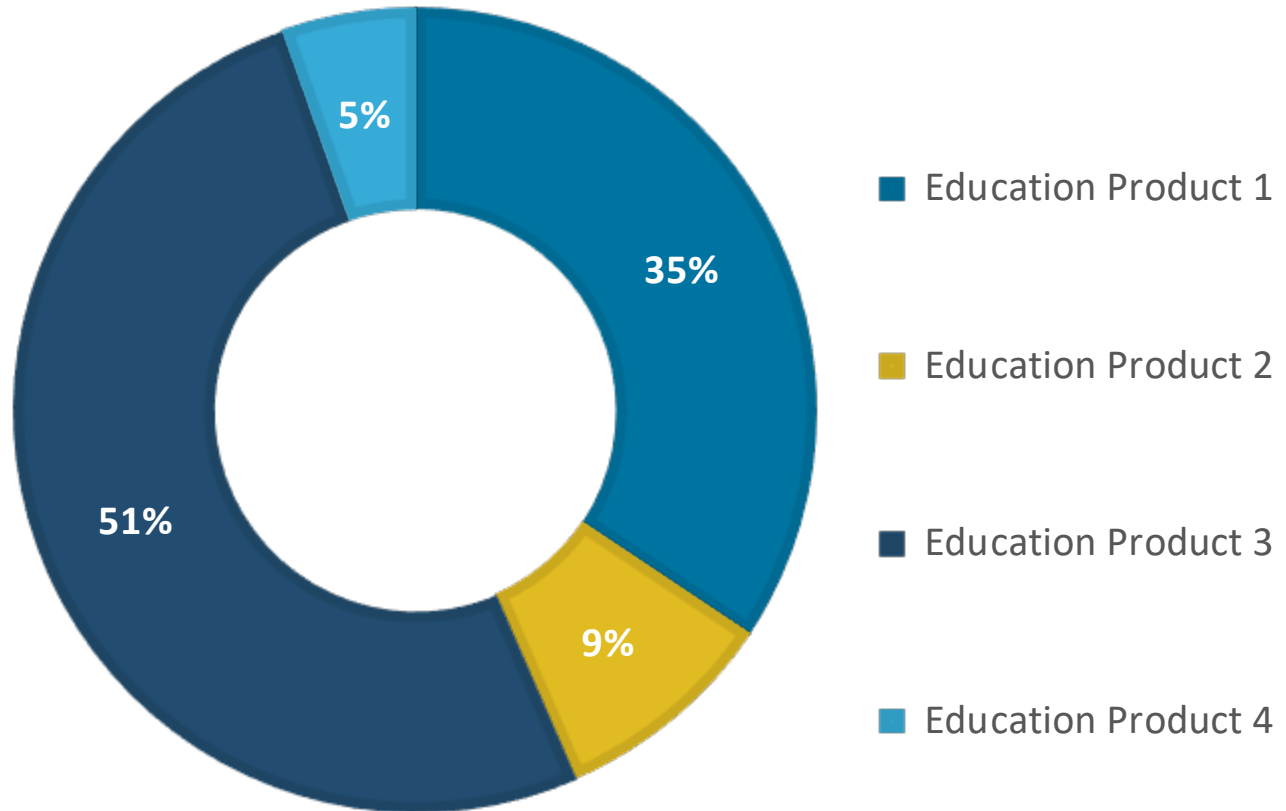
Transactions between Financing Agents and producers of education and training for 2014

FINANCING AGENT		PRODUCER								
		GENERAL GOVERNMENT				CORPORATIONS AND NPISH				Rest of the world
		PRODUCTS								
		(EP1)	(EP2)	(EP3)	(EP4)	(EP1)	(EP2)	(EP3)	(EP 4)	(EP1-EP4)
Central/State Government	S.1311 – S.1312	0.52%	12.88%	-	1.26%	0.00%	0.30%	10.34%	1.14%	0.52%
Local Government	S.1313	15.77%	14.12%	-	2.23%	-	-	0.90%	2.57%	-
Financial/Non-Financial corporations	S.11 - S.12	-	-	-	-	-	-	0.52%	6.67%	-
NPISH	S.15	0.15%	0.94%	-	-	-	-	13.86%	1.29%	-
Households	S.14	-	-	-	-	3.94%	1.04%	5.87%	0.61%	0.17%
Rest of the world	S.2	-	-	-	-	0.01%	0.04%	2.28%	0.03%	-

(-)Not applicable for UK's SAE

(X) Applicable for UK's SAE but not available data

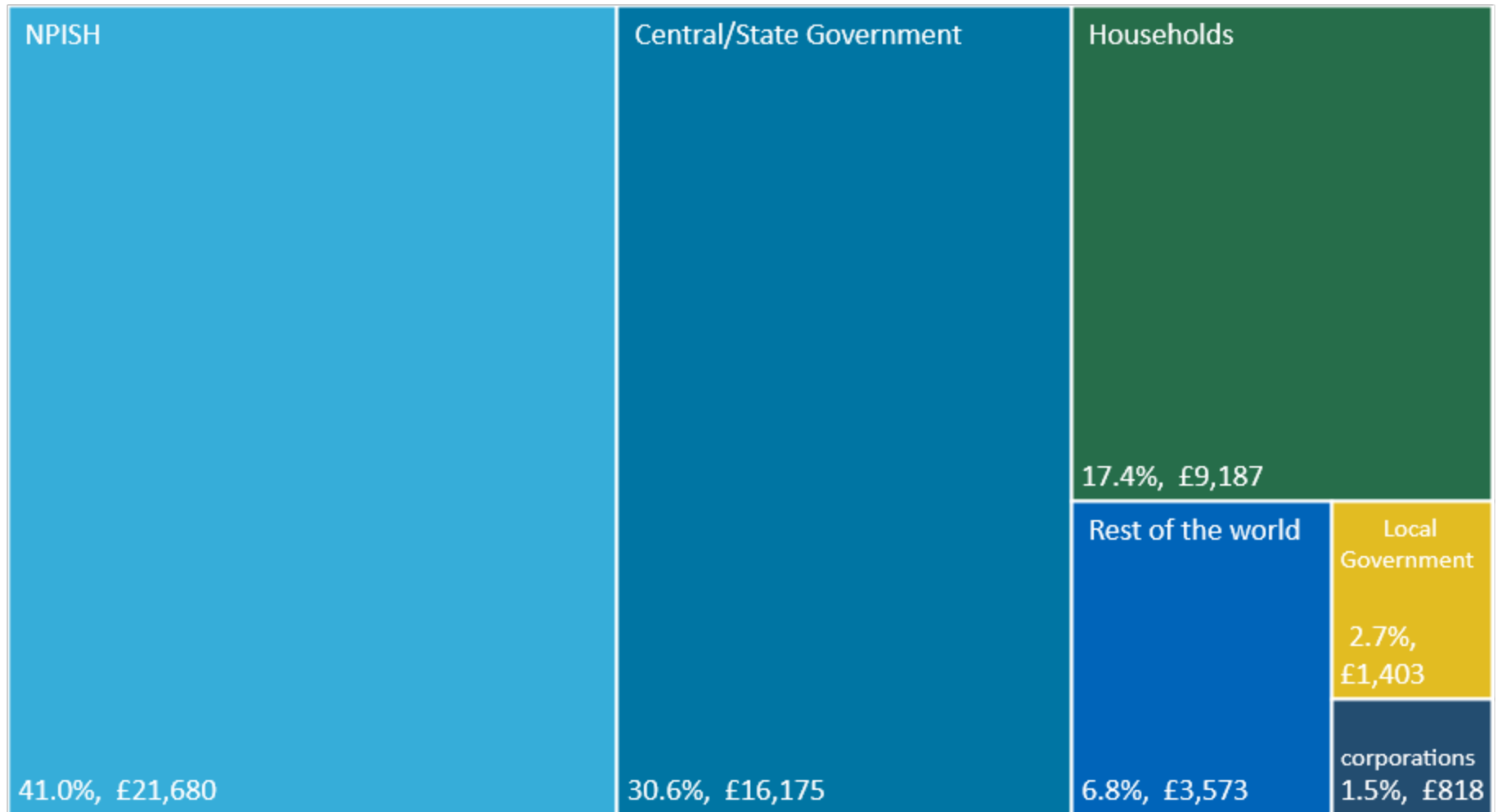
Household Expenditure by level of Education



Source: Authors Calculations, exclude expenditures to the rest of the World

Notes: The percentages are based on the total household expenditure that has been calculated in the UK's SAE.

Post-secondary and Tertiary Education Funding by Source , UK 2014



Source: Authors Calculations, exclude expenditures to the rest of the World

Notes: The percentages are based on the total EP3 expenditure that has been calculated in the UK's SAE.

Resources/Uses Table of the Sector by institution producing education

Data in Millions	Central/State Government	Local Government	Financial/ non-financial corporations (S.11/S.12)	NPISHs (S.15)	Total
Resources					
Current transfer from financing agents (FA)					
Central/State Government (S.1311/S.1312)	£ 22,934	£ 1,220			£ 24,154
Local Government (S.1313)		£ 50,253			£ 50,253
Financial/Non-financial corporations (S.11/S.12)					£ -
NPISHs (S.15)					£ -
Households (S.14)					£ -
Rest of the world (S.2)					£ -
Income From sales			£ 7,369	£ 10,254	£ 17,623
Capital Transfer from financing agents					
Central/State Government (S.1311/S.1312)			£ 477	£ 17,958	£ 18,435
Local Government (S.1313)				£ 5,422	£ 5,422
Financial/Non-financial corporations (S.11/S.12)			£ 20,638	£ 1,592	£ 22,230
NPISHs (S.15)	£ 575			£ 3,093	£ 3,668
Households (S.14)					£ -
Rest of the world (S.2)			£ 117	£ 5,876	£ 5,993
Other incomes (from capital, insurance, rents)				£ 4,893	£ 4,893
	£ 23,509	£ 51,473	£ 28,601	£ 49,089	£ 152,672
Uses					
Intermediate consumption	£ 6,208	£ 15,426		£ 16,137	£ 37,771
Compensation of employees	£ 12,937	£ 25,943		£ 23,930	£ 62,810
Wages and salaries					£ -
Employers' social contributions	£ 27	£ 2,274		£ 699	£ 3,000
Taxes on production and imports					£ -
Less Subsidies	£ 477	£ -		£ 253	£ 730
Consumption of fixed capital					£ -
Current & Capital Transfers	£ 907			£ 180	£ 1,087
Total current expenditure	£ 23,986	£ 50,681	£ 29,433	£ 44,764	£ 148,864
Gross fixed capital formation	£ 2,855	£ 7,038		£ 2,566	£ 12,459

Other Tables in the SAE

- Resources/ Uses table of the sector by product
- Supply and use table
- Supplementary tables
 1. Supplementary information on population
 2. Supplementary information on students and teachers
 3. Supplementary information on adults in continuing vocational training and on permanent education

Risks and Developments

- There is a risk we may be double counting the expenditure spent on the rest of the world as public spending tables do not go into enough detail.
- ONS's supply table does not provide industry-by-industry breakdowns of output.

Future Developments

- Estimate, both for the Supply and Use of products, detail at the lower educational product level.
- Research for in-job training expenditure
- SAE for other years more than 2014

Any Questions?