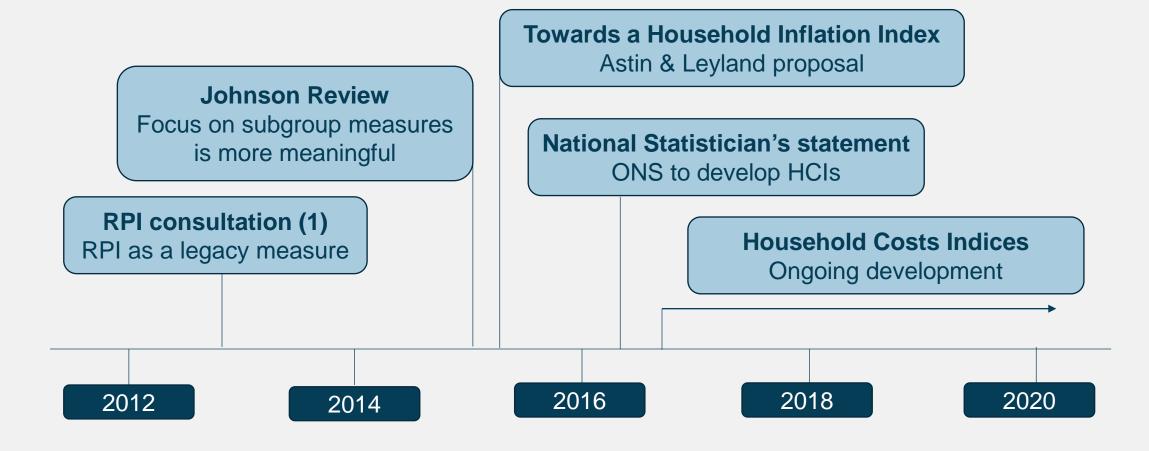




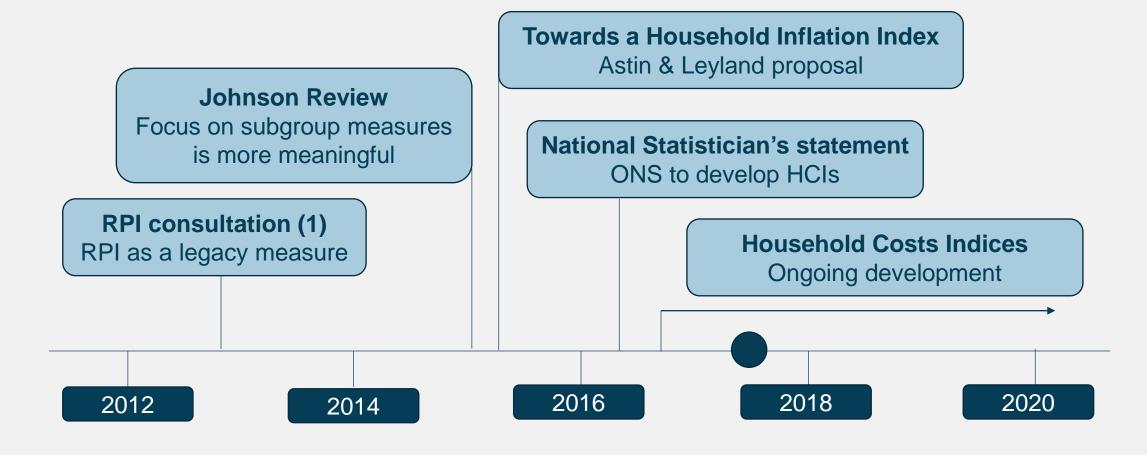
Christopher Payne

Consumer Prices Development Prices Division

Timeline of the HCIs development



Timeline of the HCIs development



The National Statistician defines three "use cases" for consumer price statistics

A measure consistent with economic concepts and approaches

Looking at price changes as experienced by households

Long-standing, existing contracts that need the RPI

CPIH: Economic principles; most comprehensive measure; range of subgroups

CPI: Internationally comparable measure; omits owner occupiers' housing costs

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The Household Costs Indices: Households' experience of inflation; focus on subgroup measures; compare against matched income measure

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The Household Costs Indices: Households' experience of inflation; focus on subgroup measures; compare against matched income measure

RPI: Legacy measure; range of measures reduced

What are the Household Costs Indices?

The HCIs: definition

	CPIH	HCIs
Weighting structure	Plutocratic	Democratic
Coverage	Domestic	National (future work)
Timing of price changes	Acquisition (with some use)	Payments (and acquisition)
Owner occupied housing	Rental equivalence	Payments
Interest	Excluded	Included
Insurance weight	Net of claims pool	Gross of claims pool
Capital costs	Excluded	Excluded

International comparisons

Stats New Zealand:

- Household Living Costs Price Indexes
 - Democratic weights, OOH on a payments basis, gross insurance, other interest on debt

Australian Bureau of Statistics:

- Selected Living Costs Indexes
 - OOH on a payments basis, gross insurance and consumer credit charges

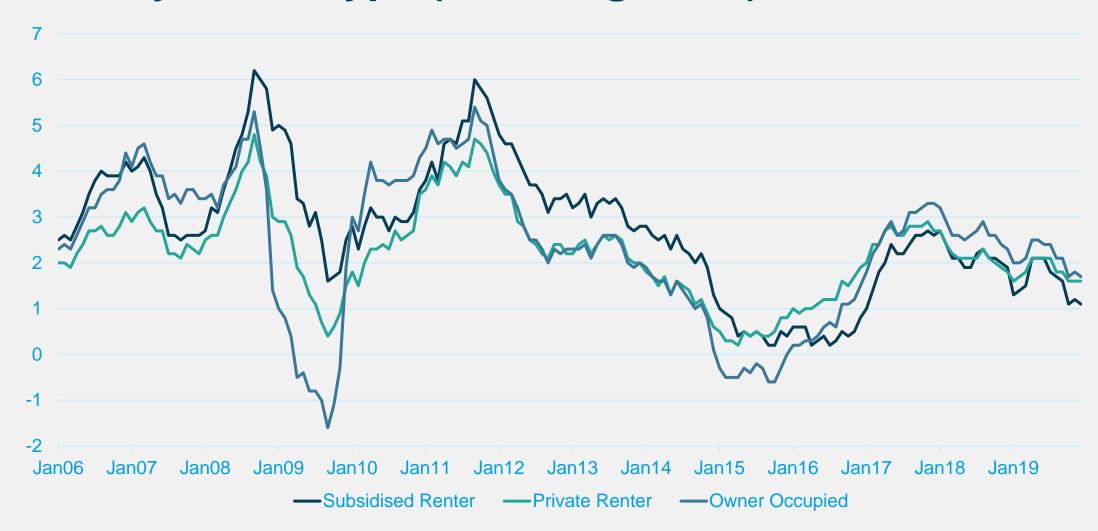
The subgroups



HCIs, low and high income deciles (12-m % growth)



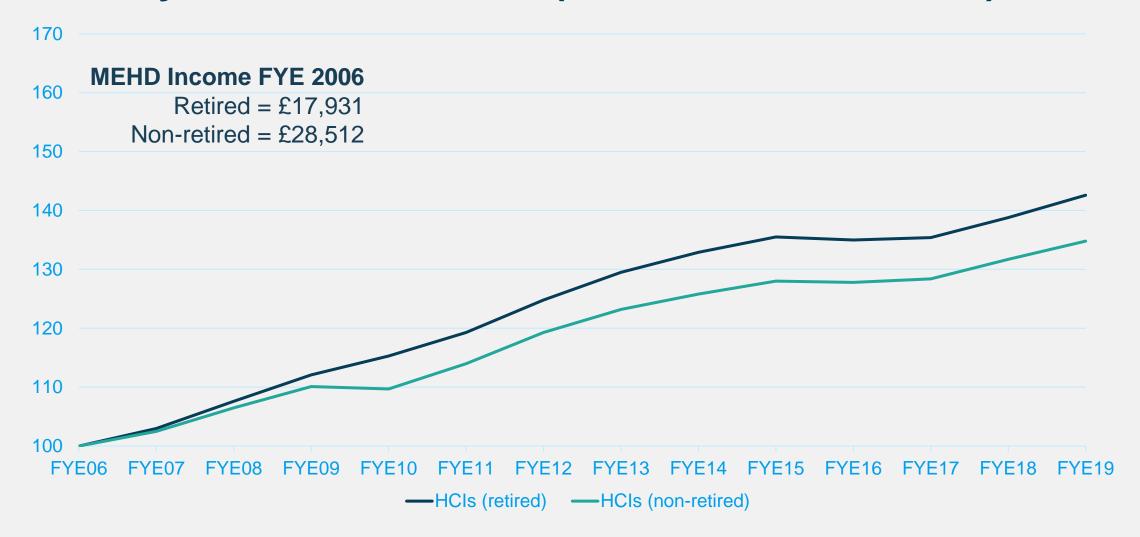
HCIs by tenure type (12-m % growth)



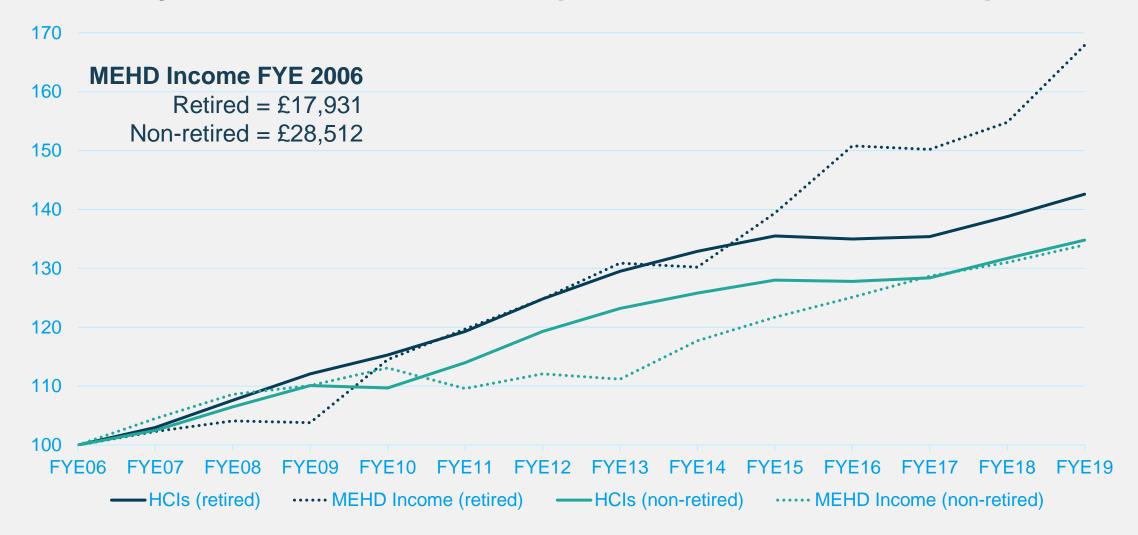
HCIs by tenure type (12-m % growth)



HCIs by retirement status (index, FYE 2006=100)



HCIs by retirement status (index, FYE 2006=100)





Conceptual challenges and users needs

Prices or costs?

Interest paid vs interest accrued

Interest paid vs interest accrued

Match to income measure? (...tail wagging the dog)

Interest paid vs interest accrued

Compare with unmatched income measure?

Implications of measuring payments

- Pay now for current consumption
 - Payments = use (and probably = acquisition)
- Pay later for current consumption (or pay now for earlier consumption)
 - Finance: student loans, new and used cars, white goods, etc.
- Pay now for future consumption
 - Mortgage capital, pension contributions (mandatory vs voluntary, savings

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 - Mortgage capital, pension contributions (mandatory vs voluntary), savings

Managing the trade off...

ESCOE/ ONS workshop

The conceptual foundations of the Household Costs Indices

- Discussion topics:
 - What should the HCIs be measuring?
 - Where should we measure payments rather than acquisition prices?
 - What other items should be in scope?
 - what should be the development priorities going forward?
- Mix of attendees

Following up on the workshop

Reviewed in detail with Stakeholder Advisory Panel

National Statistician statement on future of HCIs:

- Aim for quarterly publication
- National Statistic by 2025
- Variant measure for later development: HCIs-Capital
- Further exploration of variants, e.g. mandatory pension contributions

On Household Costs Indices (Weale, 2020)

Examined the HCIs against a consumption framework:

- Supported the use of democratic weights and gross insurance
- Treatment of interest should be symmetrical
 - Analysis should be carried out to understand the impact of not doing so
- Payments framework should not be extended further
 - Saving for future consumption is harder to measure than delayed payment of current consumption
 - student loan repayments can be considered as a graduate tax

Questions

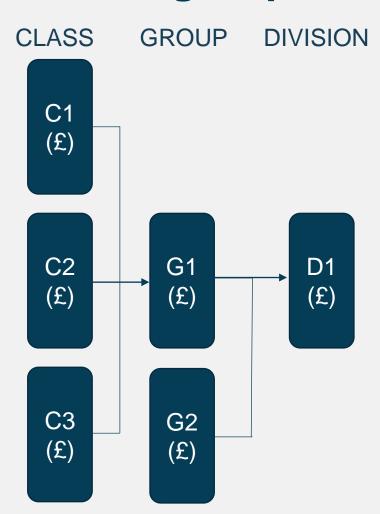
ANNEX A: Constructing the HCIs

HOUSEHOLD RECORDS

- a) Expenditure (£)
- b) Expenditure (£)

b) Expenditure (£)

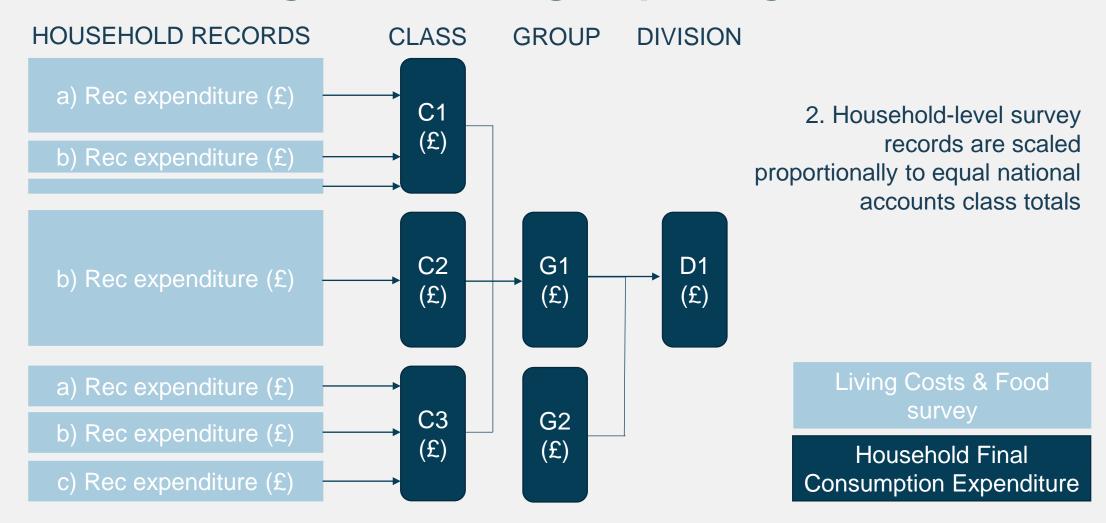
- a) Expenditure (£)
- b) Expenditure (£)
- c) Expenditure (£)

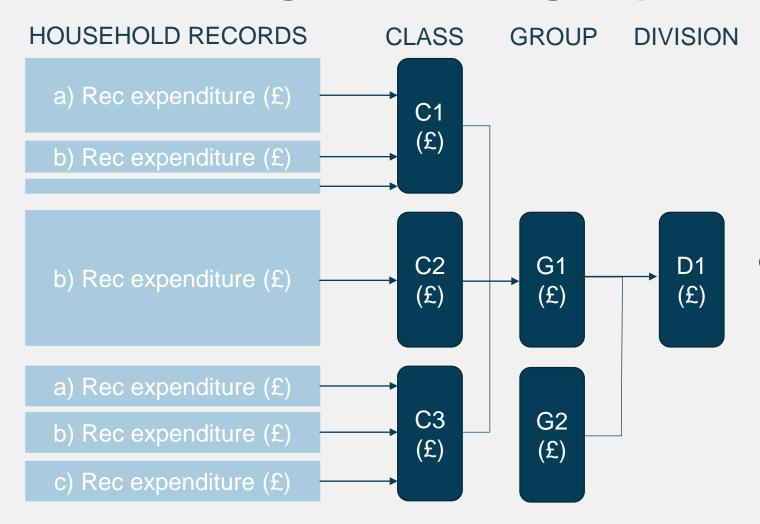


1. Household-level survey records do not sum to national accounts class totals

Living Costs & Food survey

Household Final Consumption Expenditure

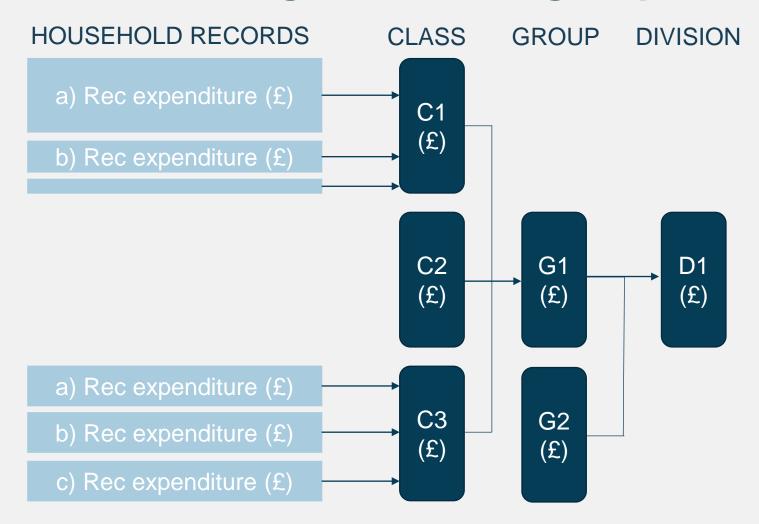




3. But a low number of households have recorded expenditure from Class C2, and the total is less than half of the national accounts total. This results in a large amount of expenditure being assigned to household b

Living Costs & Food survey

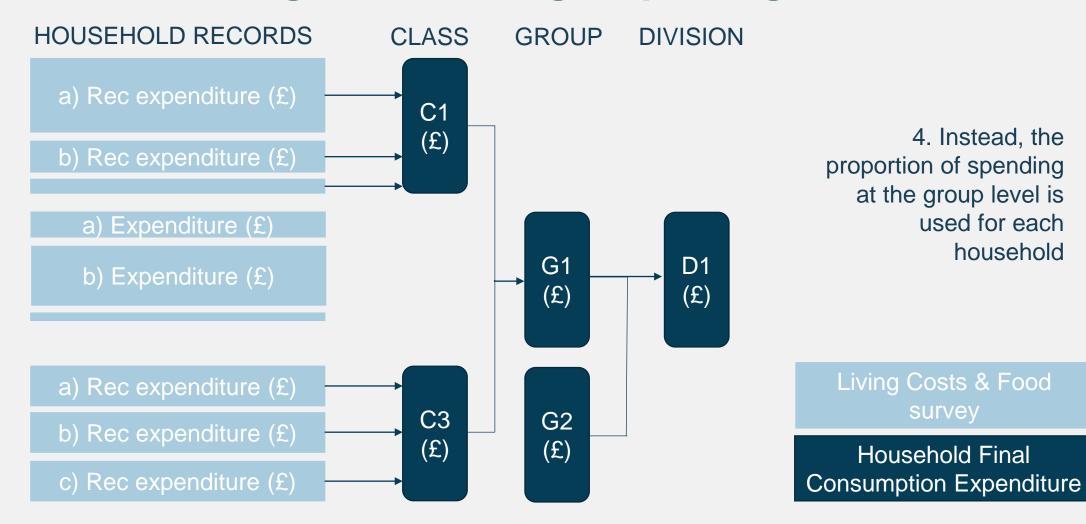
Household Final Consumption Expenditure

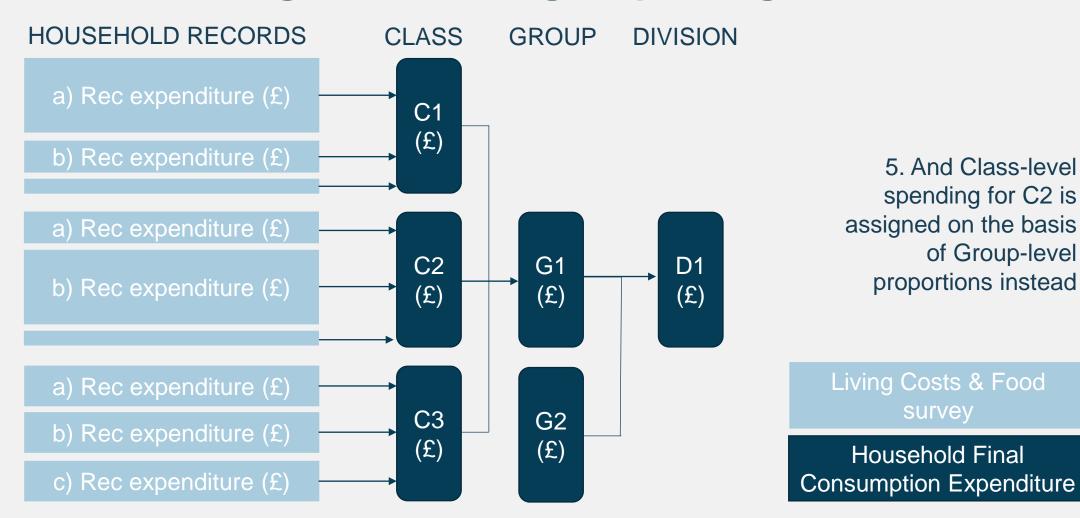


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Living Costs & Food survey

Household Final Consumption Expenditure





Data for other elements (HCIs)

Item	Component	Data source
Mortgage interest payments	Price index (debt profile)	RPI (UK HPI, Bank of England, LCF)
	Expenditure weight	RPI (LCF)
Interest (other)	Price index (simple revaluation)	Bank of England
	Expenditure weight	LCF and Wealth and Assets Survey
Student loan repayments	Price index (threshold model)	Labour Force Survey, Gov.uk
	Expenditure weight	SLC published tables
Tuition fees paid upfront	Price index	CPIH (HESA, OFS)
	Expenditure weight	SLC & HESA published tables
Insurance	Expenditure weight	RPI (LCF), population projections

Limitations

- No household-specific price data:
 - Assume different households face same prices
 - Regional subgroups?
- HHFCE & LCF coverage differences
- Sample sizes
- Pandemic limitations: relevance