

# **UN Network of Economic Statisticians**

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## **Household Satellite Account and Time-use in the UK**

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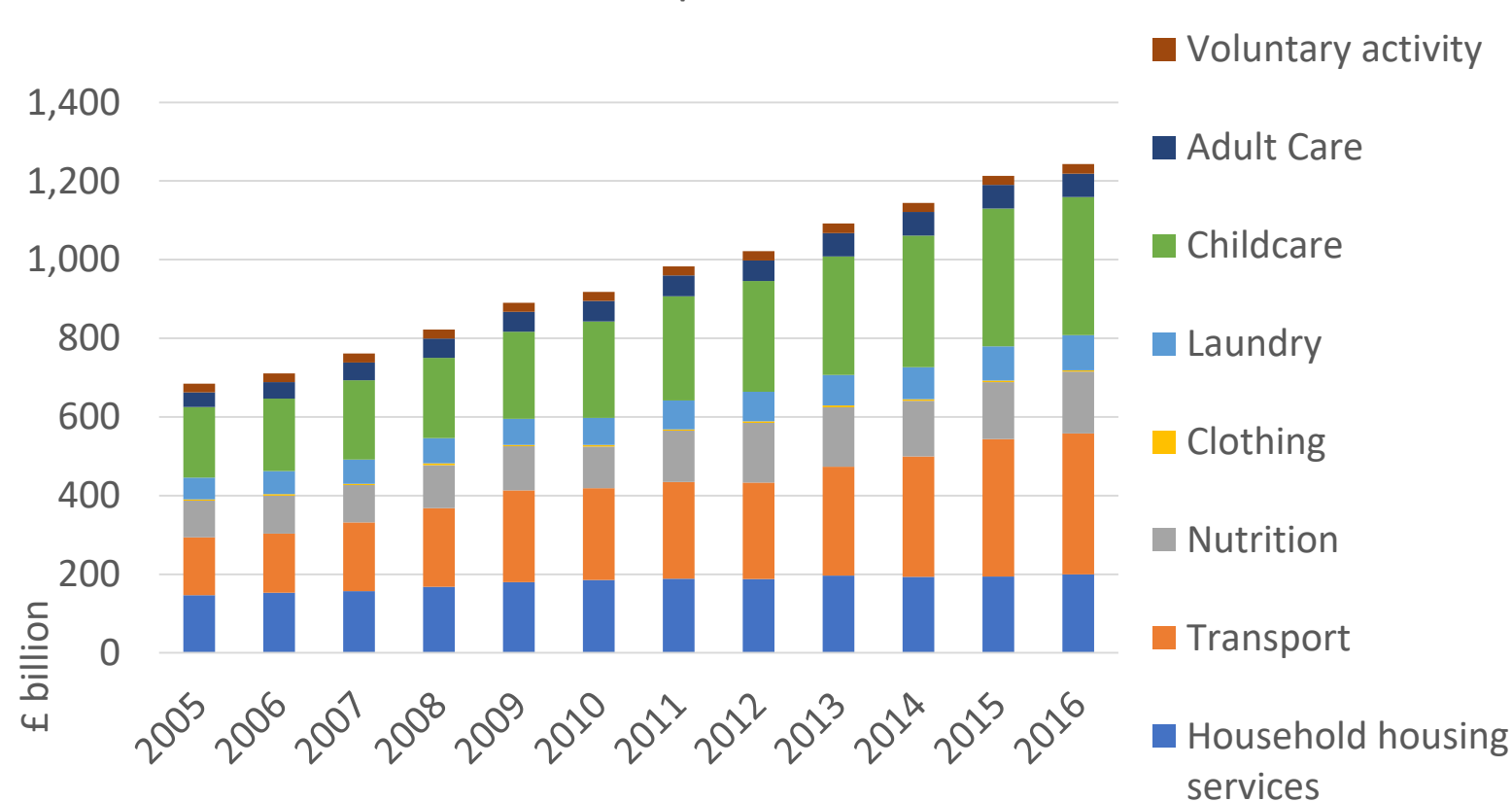
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# Contents

1. What is valued
2. What are international recommendations
3. UK Online Time-Use Survey
4. What is still needed to go from a time-use survey to a household satellite account
5. Other aspects of time-use and well-being

# UK Household Satellite Account

Gross Value Added of Unpaid Household Service Production



Type of service	Method
Voluntary activity	Input
Adult care	Input
Childcare	Output
Laundry	Output
Clothing	Output
Nutrition	Output
Transport	Output
Household housing services	Input

# International guidance context

## Categories:

Unpaid household service work  
grouping – ISWGNA 2021

Childcare

Adult care

Nutrition

Transport

Household management services

Laundry and clothing services

Informal volunteering

Shopping

Information services

Other

## Methodology:

1. SNA production boundary
2. Methods: Input / production or Output with time-use at core
3. Capital assets for consumption of fixed capital
4. Supply-Use tables

## Time-use surveys:

1. Attempts at harmonisation – ICATUS/HETUS
2. Modernisation
3. Accessibility and quality

# UK Online Time-Use Survey

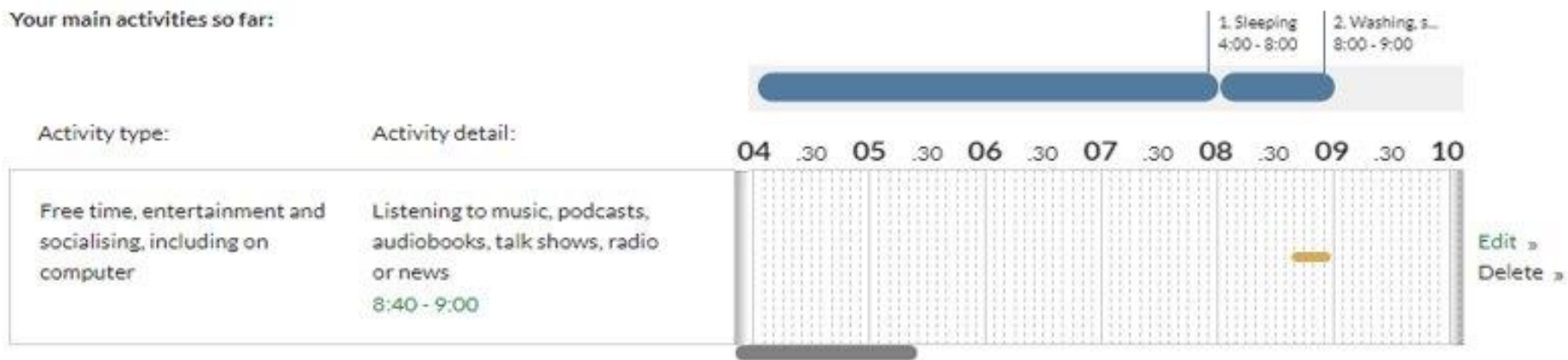
1. Developed online collection tool:
  1. initial questionnaire
  2. diary days
  3. post-diary-day questionnaire
2. 4 waves collected (as of March 2022)
3. Planned future wave expanding to capture location, and focus on relationship with human capital acquisition
4. Intention for more regular collection going forward

## Were you doing anything else?

Tips

- Record anything you did in the background alongside your main activities.
- Only include activities lasting 5 mins or longer.
- You can use the timeline at the top of the screen to help you recall what main activities you have entered.
- Note that timetable starts at 4am, and ends at 4am next day

Your main activities so far:



Activity (Wed 15 December 2021)

Find or type your activity

From 8:40

Duration (hours) 0

Duration (minutes) 0

Add activity

Back to main activities

Go to final questions

## What were the n

- Just include things which w
- Anything else you did in the
- Note that timetable starts

Your main activities so far:

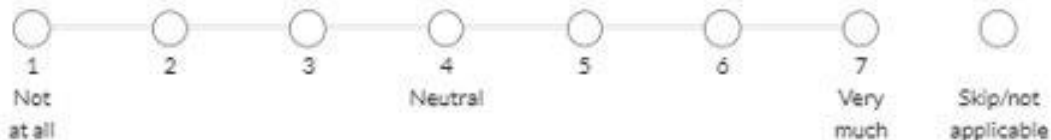
Activity type:

Sleeping, washing, dressing  
using the bathroom

Time gap: 8:00-4:00

Washing, showering, getting ready, using the bathroom, etc - (Wed 15 December 2021)

How much did you enjoy this activity?



Were you helping someone else?

- ☐ No
- ☐ Yes, own child
- ☐ Yes, other child
- ☐ Yes, adult who you live with
- ☐ Yes, other adult
- ☐ Not applicable

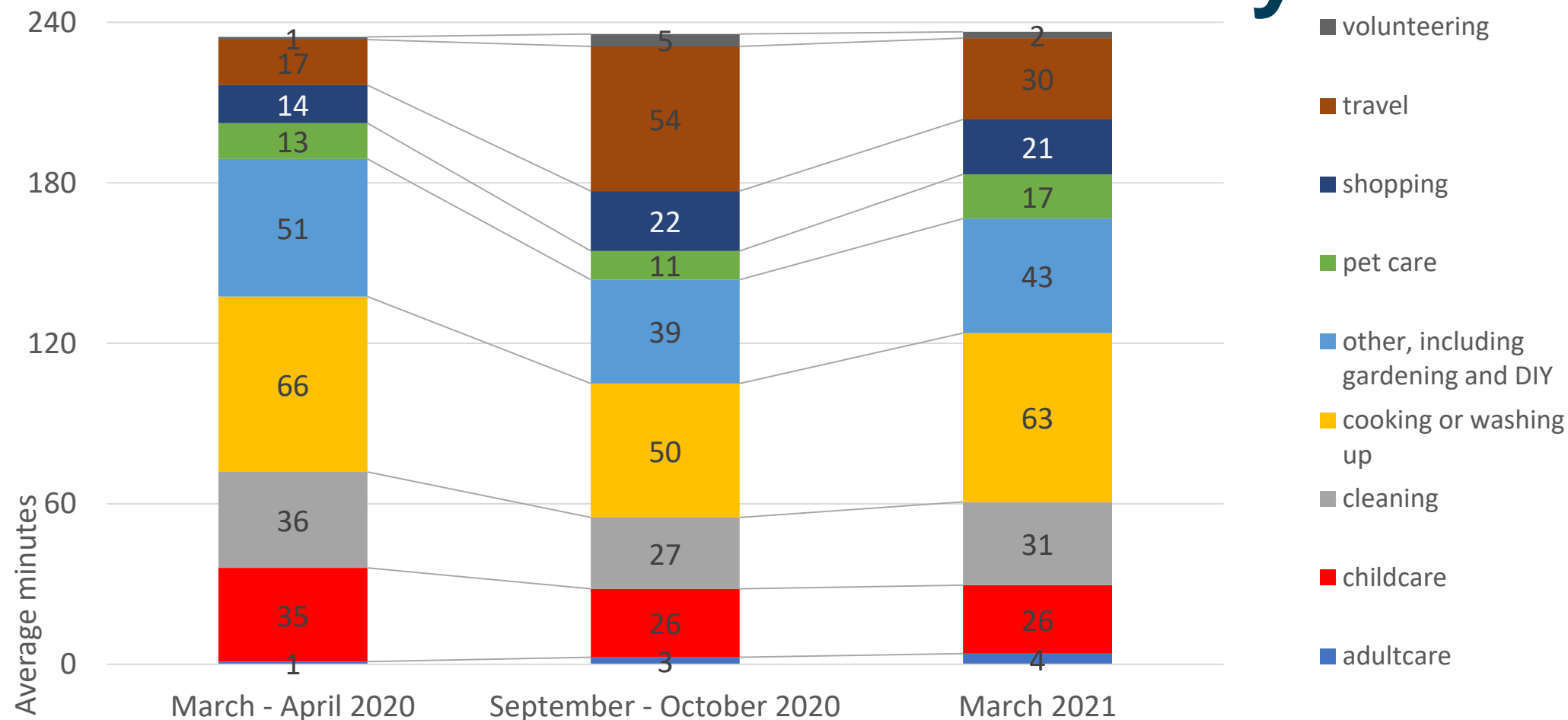
Cancel activities change

Save

Back to activities guidelines

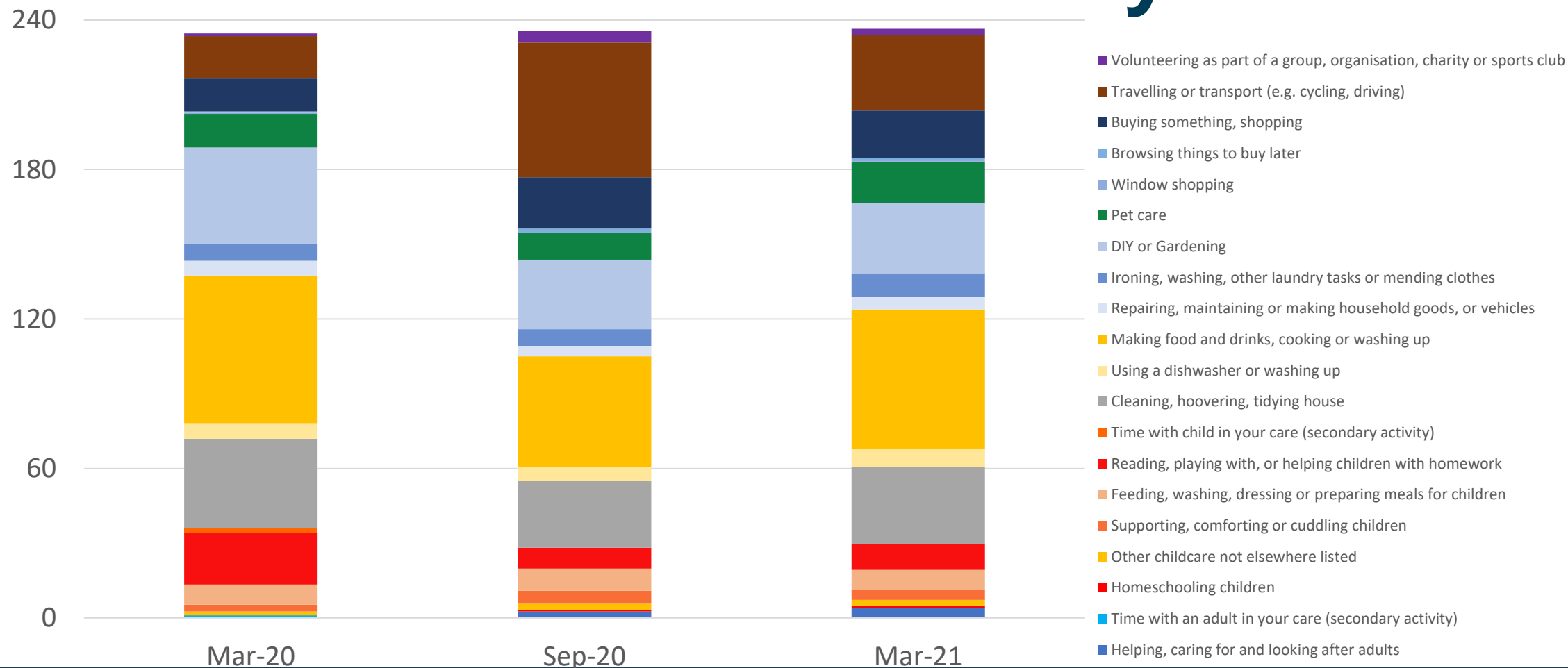
Tips

# UK Online Time-Use Survey results





# UK Online Time-Use Survey results



# Further steps to satellite account

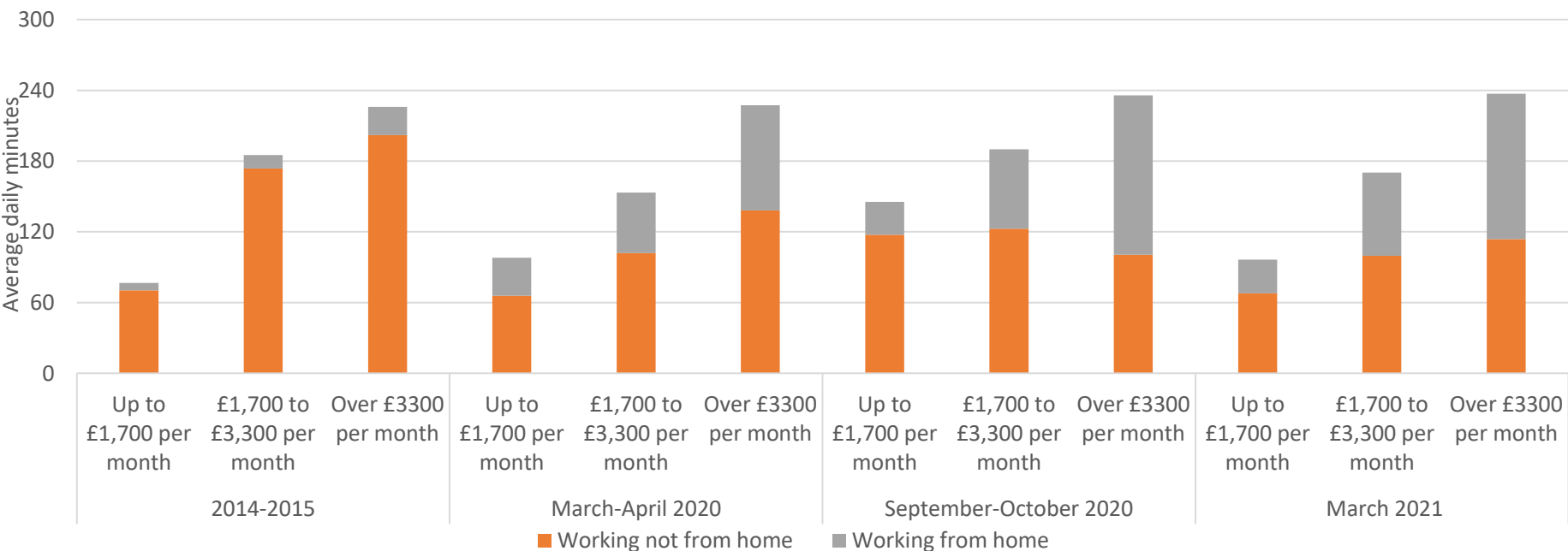
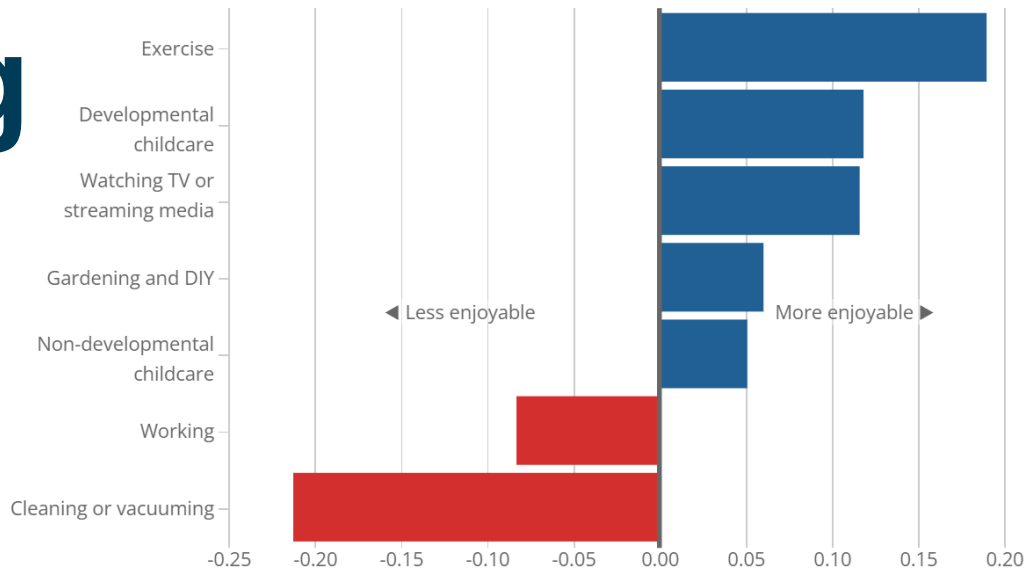
1. Complete Scope
  1. Self-classification of internet services
  2. Supervisory children's and adult care
2. Consistent pricing and intermediate consumption
  1. Combine spending and time-use diaries
  2. Willingness to pay/lose or outcome description through questionnaire
3. Quality adjustments for 'real' estimation
4. Need to bring together household capital assets
5. Need to consider conceptual relationship to human and natural capital

# Time-Use + Well-being

1. Leisure valuation
2. Activity enjoyment levels
3. Time-use differences across demographics

## Parents found developmental childcare more enjoyable

Enjoyment of time by type of activity, Great Britain, 2020



# Summary

1. UK Household Satellite Account - core valuation
2. UK Online Time-Use Survey - way forward for unpaid work measurement
3. Other time-use surveys benefits for well-being analysis
4. Evolution of scope of unpaid household work
5. Interesting outstanding conceptual questions on further gaps

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