



# ATUS Exercise: Measuring Time with Children

## Learning goals

- [fill in]

## Summary

There are multiple ways to measure time with children using time diary data from the ATUS. Things to consider include whether you want to measure primary activities, secondary activities, or co-presence. For primary activity – does this include direct childcare of both household and non-household children? For secondary childcare – does this include secondary care of all children, household children only, the respondent’s own children? For with children – does this include own children or any children under 18 and does it matter if they are co-resident or not?



## Part 1: Create Measures of Childcare

Create different measures of childcare of own household children and see how they compare for parents with a co-resident own child under 18 (KIDUND18) using 2015 data. Include at least the three following time use variables in your extract (make more if you want to see how different variants compare): 1) time with own children under 18 (co-presence filter); 2) time providing secondary care to household children (secondary childcare filter); 3) time providing primary care to household children (activity filter; activity codes 0301xx, 0302xx, 0303xx).

1. Which measure provides the highest average time with children? \_\_\_\_\_
2. Which measure provides the lowest average time with children? \_\_\_\_\_

3. Explain the differences in the primary childcare, secondary childcare, and with children measures. \_\_\_\_\_

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Answers

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Part 1 Answers:

**Exercise 7: Mother's Child Care Time by Age of Youngest Household Child and Presence of Adult Relatives in Household, 2006**

<b>Age of Youngest Household Child</b>	<b>Minutes per Day of Child Care Time by Mother</b>		
	<b>All</b>	<b>At Least One Adult Relative in the Household</b>	<b>No Adult Relative in Household</b>
Unmarried mothers			
Zero to 2 years	128.86	126.25	130.32
3 to 5 years	100.08	115.42	94.00
6 to 12 years	50.58	59.60	49.66
13 to 17 years	20.00	33.34	19.36
Any children under age 18	75.07	107.78	67.37
Married mothers			
Zero to 2 years	165.42	165.00	165.44
3 to 5 years	100.15	188.26	96.41
6 to 12 years	53.39	38.15	53.89
13 to 17 years	19.82	15.34	20.04
Any children under age 18	90.84	109.32	90.00

