A Norwegian satellite account for education and training - test

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Agenda

• Background
• Results
• To be explored further
Background

• The draft Guide on Human capital recommends to start with a narrow approach on human capital, a satellite account for education and training

• Trial calculations are made for the year 2010 and 2013

• Current expenditure on formal and non-formal education
  • From the national accounts

• Number of employees by industries and level of education is examined
  • From the labour accounts (integrated in the national accounts)
Results

• Education contributes 4.3 % to GDP
• Employment contributes 7.4 %
• Expenditure on education in Norway:
  • 5 % of GDP
  • 1.4 % average annual volume growth for the years between 2010 and 2013
Expenditure on education levels as share of total expenditure on education

- ISCED 0-1 is pre-primary and primary education
- ISCED 2-3 is secondary education
- ISCED 4-8 is higher education
- Non-ISCED education
Who is financing education?

<table>
<thead>
<tr>
<th>Expenditure on education (by source of funding)</th>
<th>2013 NOK million</th>
<th>2013 Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>General government</td>
<td>139 721</td>
<td>91,6</td>
</tr>
<tr>
<td>- Central government</td>
<td>37 992</td>
<td>24,9</td>
</tr>
<tr>
<td>- Local government</td>
<td>101 729</td>
<td>66,7</td>
</tr>
<tr>
<td>Corporations</td>
<td>497</td>
<td>0,3</td>
</tr>
<tr>
<td>Private households</td>
<td>12 239</td>
<td>8,0</td>
</tr>
<tr>
<td>Rest of the world</td>
<td>0</td>
<td>0,0</td>
</tr>
</tbody>
</table>
Expenditure by education level and by source of funding (2013)
Expenditure on education per pupil/student

- Expenditure on ISCED 0-1 per pupil
- Expenditure on ISCED 2-3 per pupil
- Expenditure on ISCED 4-8 per student

Comparison for 2010 and 2013.
Share of the employees with higher education
Employees with higher education by selected industries. Per cent. 2008-2013
To be explored further

- Review the way we have constructed expenditure for the ISCED groups
- Investigate whether there are available data for including in-house training (extension of the production boundary of the SNA)
- Investigate in availability for improved data on household expenditures
- Time series
- Invest more in productivity analysis