



## Session 2

Foske KLEIMA and Antonio CHESSA, CBS      [KLA@CBS.nl](mailto:KLA@CBS.nl) et [acsa@cbs.nl](mailto:acsa@cbs.nl)

### **The Dutch experience on measuring health output and labour productivity**

Labour productivity of health services has received a lot of attention in the Netherlands in recent years.

Labour productivity requires the measurement of output and labour input. This paper describes the output volume index developed at Statistics Netherlands for hospital health services and some of the problems that are encountered in the measurement of output.

Next, possibilities will be discussed for including other health sectors, such as nursing homes and homes for the elderly. The greatest challenge lies in finding a method that takes into account the yearly changes in the composition of products, as some sectors show a strong increase of new extramural services since 2003. On the other hand, the main products of each sector can be tracked from year to year and their volumes and production values are known. This could serve as a basis for an output method that includes hospitals and other sectors.

This paper illustrates the output method for hospitals with an application to labour productivity of general hospitals in the Netherlands.