

Services by Type of Volume Measurement

Marketed services where information on prices is available		is not available		Services of market producers for internal use only		Non-market services	
yes (physical units)	yes (number of cases)	Quantity information on gross output is available ...				yes	no
yes	no	yes	no	yes	no	yes	no
1	2	3	4	5	6	7	8
Examples							
transported goods in ton-kilometres	special type of health services	number of insurance policies	trade margins	transported goods in ton-kilometres	services of administration	special type of health services	services of public administration
m ² of windows cleaned	legal advice	unpaid bank services	insurance services	m ² of windows cleaned	services of R + D	teaching hours provided	services of public defence
Recommendations for volume measurement							
Deflation of data on values by means of special price indices	Extrapolation of bench-mark figures on gross output by means of indicators on real ...						
	output	output input	output	input	output	input	
Problems of realising the recommendations							
data on values and prices in a deep breakdown by type of services are necessary	definition and measurement of adequate volume indi- cators	estimates of change in pro- ductivity	separate data are often not available in enterprise bookkeeping very detailed information necessary		definition and measurement of adequate volume indi- cators	estimates of change in pro- ductivity	
			change in pro- ductivity				