

# Les e-systèmes, nouveaux gisements de productivité ?

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1. ICT: a radical innovation or a cyclical boost?
2. The European and Belgian lag

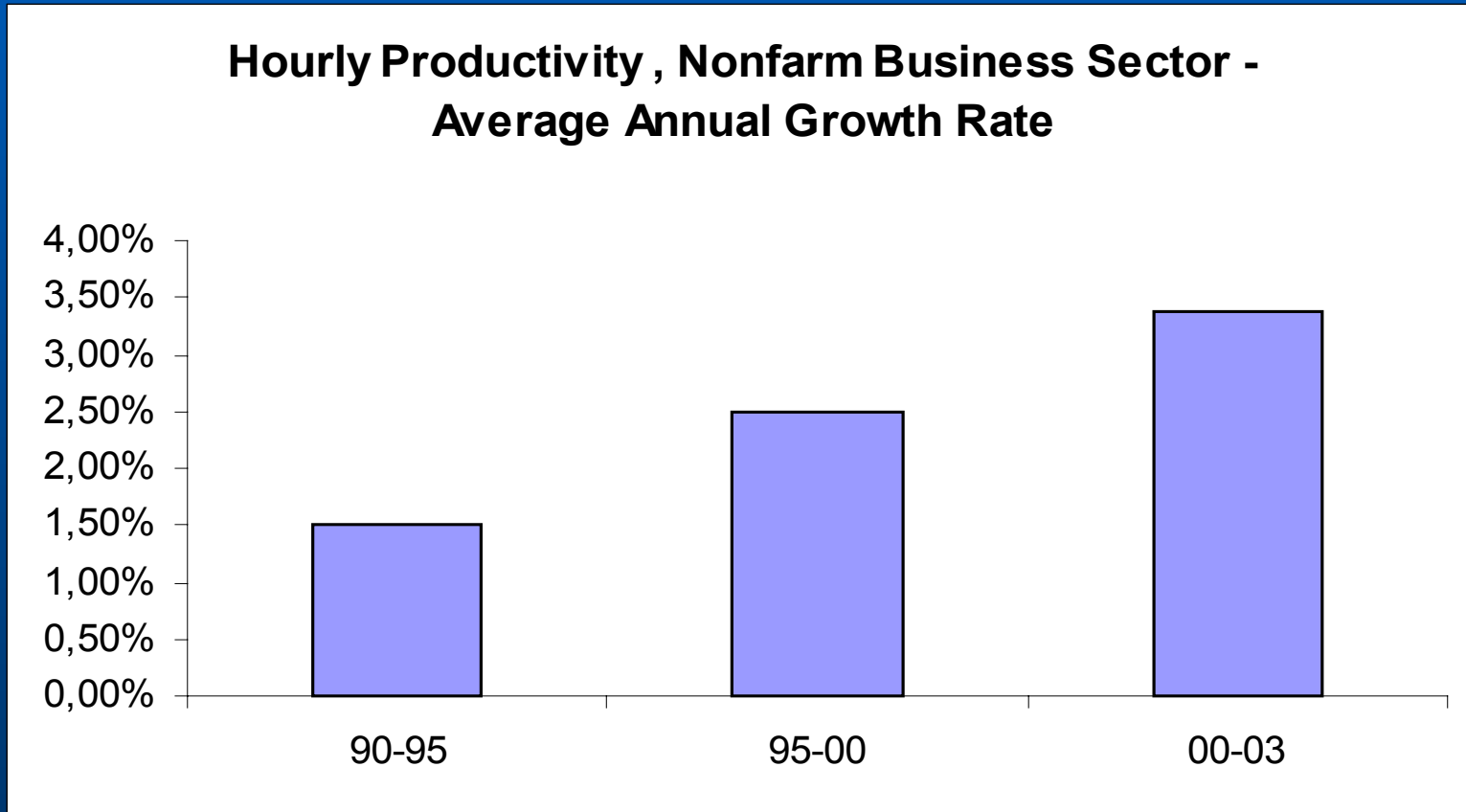
# US higher economic growth between 1995-2000

American productivity evolution: non farm private sector without housing  
(Average annual growth rate)

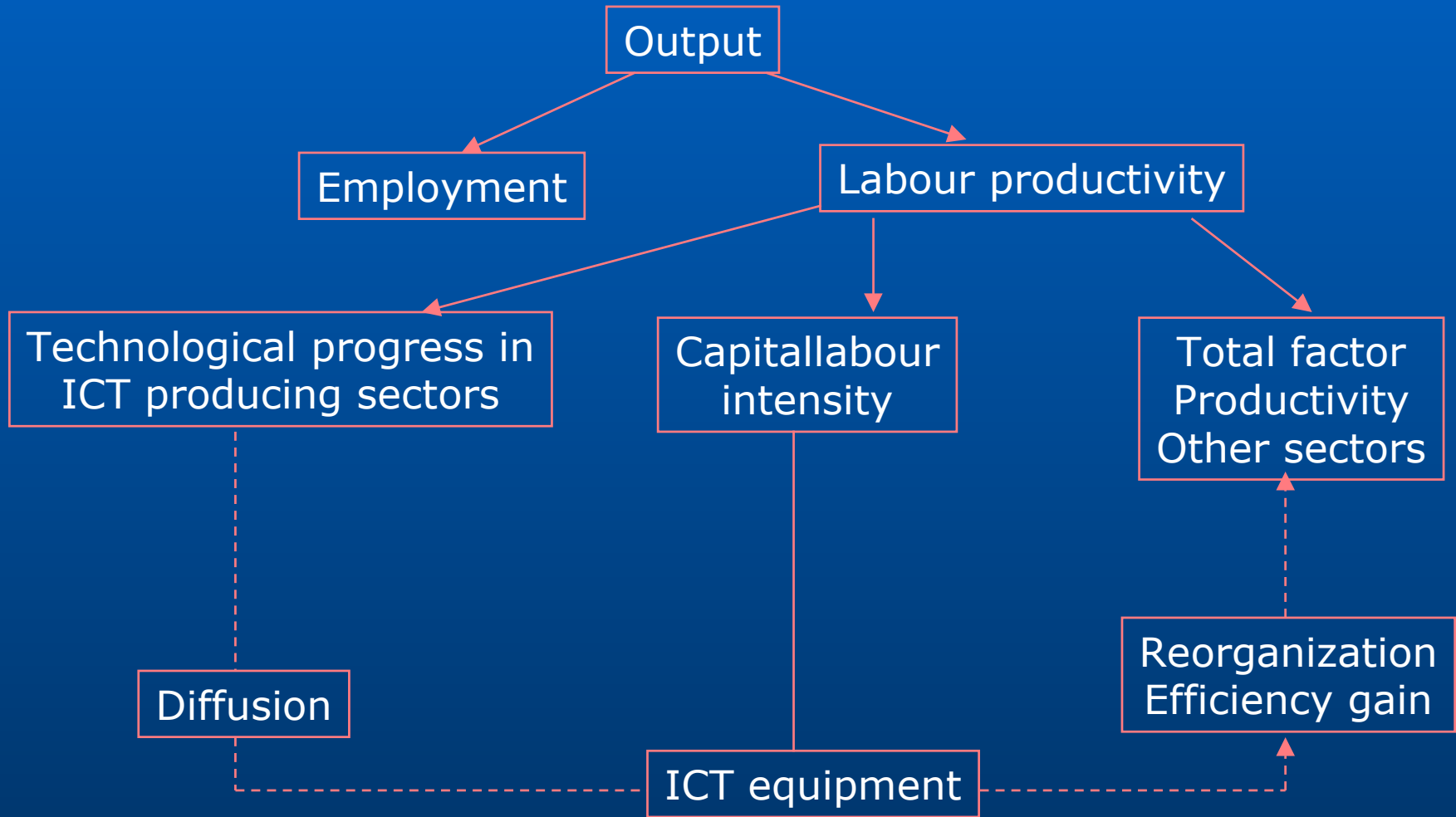
	1870-1913	1913-1972	1972-1995	1995-1999	Difference between the last two periods
Output	4.4	3.1	2.8	4.9	+2.1
Hours worked	3.2	1.3	1.7	2.2	+0.5
hourly productivity	1.2	1.8	1.1	2.7	+1.6

Source: Gordon, 2000

# Exceptional economic growth after 2000



# Origins of growth and the role of ICT



# ICT impact on growth in the US

Acceleration 73-95 / 95-02

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Labour productivity growth	1.2
Capital deepening	0.5
<i>of which:</i>	
ICT equipment	0.5
TFP	0.7
ICT producing sector	0.4
Other sectors	0.3

# Average growth rates of production, employment and productivity

	1990-1995	1995-2000	2000-2002
European Union			
Production	1.61	2.63	1.28
Hours worked	-0.85	1.21	0.40
Productivity	2.46	1.42	0.89

# ICT role in productivity gap

ICT impact on growth: acceleration 95-01/91-95

	Belgium
Labour productivity growth	-0.2
Capital deepening	-0.3
ICT	0.2
TFP	0.1