



		<		>	
		1	2		
가					
(growth accounting)					
(total factor productivity)					
가	1970	2002	1.7%		
-	3.3%	가 (	)	1970	0.2%
		, 1991	2002		1.6%
-				1970	4.7%
	1991	2002	3.2%	0.9%	2.2%
(markup)					
가					



- 1990 (3.2%) 가 1.6% 가 4.1% , 가 1.3% (3.3%) 1980 . 1990 가  
 3.0%, 가 1.5)  
 - 1990 (1.1%) EU 15 가 (0.9%) OECD 24 .

2.

\*\*

가 가 가  
 가 GDP 가 가  
 ( ).  
 - , 가 ( )  
 ( ) Törnqvist  
 ( ).  
 - , 가  
 (total hours worked) (TFP1)  
 ( ) (TFP2) .  
 ( ) OECD(2000)<sup>6)</sup> GDP  
 ( ) .  
 -

5) Giuseppe Nicoletti and Stefano Scarpetta(2003), " Regulation, Productivity and Growth: OECD Evidence," OECD Economic Department Working Papers No. 347, January.

6) OECD(2000), *OECD Productivity Manual: A Guide to the Measurement of Industry-Level and Aggregate Productivity Growth*, Directorate for Science, Technology and Industry.

< 1 >

: %

	GDP		
1970	34.1	41.2	63.9
1975	32.4	40.2	59.8
1980	39.7	51.3	68.3
1985	40.6	54.0	64.0
1990	45.9	59.1	67.1
1995	47.7	61.7	68.2
1998	45.2	61.6	65.9
2000	44.0	59.4	63.3
2002	44.8	60.9	64.4
1970~2002( )	41.0	53.0	65.2

:

-

GDP

( 2/3 )

\*\*

, 가 (TFP1) 1970  
2002 1.7%

- , 가 1970 0.2% 1980  
3.3% , 1991 2002 1.6%

가

1970 , 1980 3  
, 1990

- 가 (labor

effort), (capital utilization)

- 가

, 1980

가 (TFP2) 2.0% (TFP1 ,

2.4%).

- , 가 1980 2.8% 1991

2002 1.4% (TFP1 , 3.3%

1.6%).

3. ( )

1970 7.0%

( ) 3.8%(54.7%) ,

( ) 1.5%(20.7%) 1.7%(24.6%) .

-

가

( ) ,

( ) 1970 4.7%(66.2%) 2.2%(30.8%) 1991

2002 3.2%(56.1%) 0.9%(15.3%) .

- , 1991 2002 ( ) 1970

0.2%(3.1%) 가 1.6%(28.6%) 가 ,

1980 (3.3%(39.7%)) .

( )가 , 1980

< 2>

가 ( )

: , %

		1971~2002				
			1971~1980	1981~2002		
					1981~1990	1991~2002
가		7.0	7.2	6.9	8.3	5.7
		10.8	12.9	9.9	10.9	9.0
	1	2.3	3.5	1.7	2.1	1.3
	TFP1	1.7	0.2	2.4	3.3	1.6
	2	-	-	2.2	2.8	1.8
	TFP2	-	-	2.0	2.8	1.4
나		7.0	7.2	6.9	8.3	5.7
		3.8	4.7	3.4	3.6	3.2
	1	1.5	2.2	1.1	1.4	0.9
	TFP1	1.7	0.2	2.4	3.3	1.6
	2	-	-	1.5	1.8	1.2
	TFP2	-	-	2.0	2.8	1.4
다		100.0	100.0	100.0	100.0	100.0
		54.7	66.2	49.3	43.7	56.1
	1	20.7	30.8	16.0	16.6	15.3
	TFP1	24.6	3.1	34.7	39.7	28.6
	2	-	-	21.3	22.0	20.3
	TFP2	-	-	29.4	34.3	23.6

: 1) TFP1 ( 2) ( 1) , TFP2

( 2)

2) : “ ”, e-Kiet ( 204 , 2004. 6. 22.)

3) : “ ”, e-Kiet ( 210 , 2004. 7. 13.)

4. -  
가  
,

- < 3> ,

가 .

< 3>

1.	- - - 가
2.	- -
3. ' '	- ' ' -
4. ' '	- .
5. .	- . . - . 가
6. 가	- R&D . .
7.	- . . .
8.	- - .
9.	- .

< >

GDP :  $(t) = 0(t) * \{ [SE(t) + WE(t)] / WE(t) \}$ , 0  
 , SE , WE

- 가

(TFP) 가 :

-  $\ln TFP(t) = \ln Y(t) - [1 - (t)] * \ln K(t-1) - (t) * \ln L(t)$ , Y  
 , K , L (= \*  
 \* \* ), t .

- Törnqvist , (t) =  
 (1/2) \* [ (t-1) + (t) ]

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