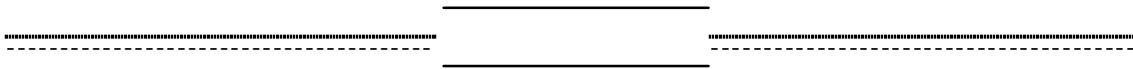


- ( ) 2002 2/4 가 120 가 3/4  
145 가
- (2/4 가) 2001 , ,  
1/4 120 ,
- (3/4 ) 가 ,  
가 , 3/4  
가 145
- ( ) · PC 가 ,  
20 , 11
- ( ) S/W · / 2/4 가  
, · PC, / , / 2/4  
3/4 가 가
- ( ) 3/4 가  
, 20 2/4
- ( ) 6 10 2/4 , ,  
가 , 3/4
- ( ) ,  
가
- ( ) / , /  
,  
· , PC ,  
/ / 6



· ( ) 가 ,  
/ .

- ( ) ,

· ( / ) 44%,  
71% , 가

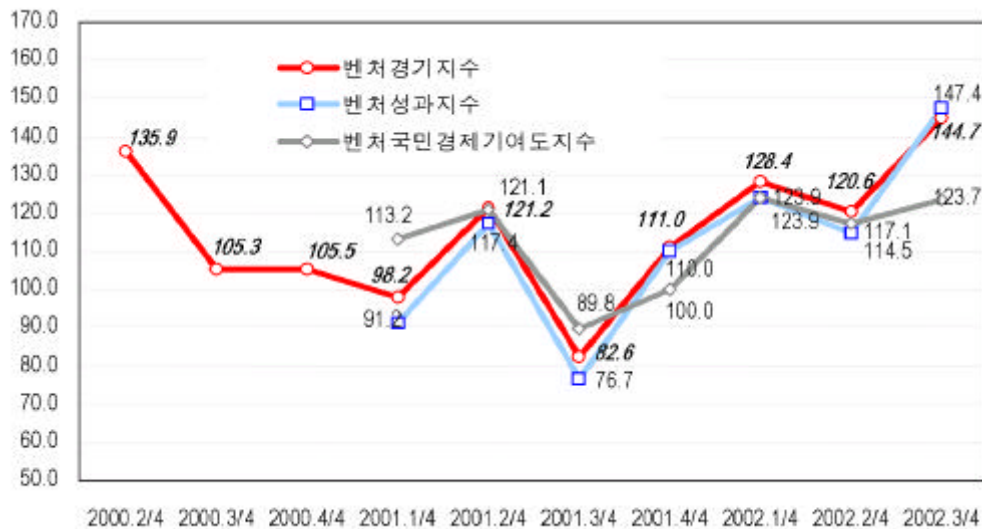
· ( ) 1,265  
/ ,  
가 40%

- ( ) ,  
3/4 , 2001 3/4

· / ,  
· ,  
· 가 ,  
가

'HRI '1)

- (2/4 가) 2001 , ,  
 120 ,  
 - 2001 가 ,  
 가  
 2/4 , 가 120.6, 114.5



: 1) 가 ( : / / , : /  
 / , : / )  
 2) 2002 1/4 , 2002 2/4

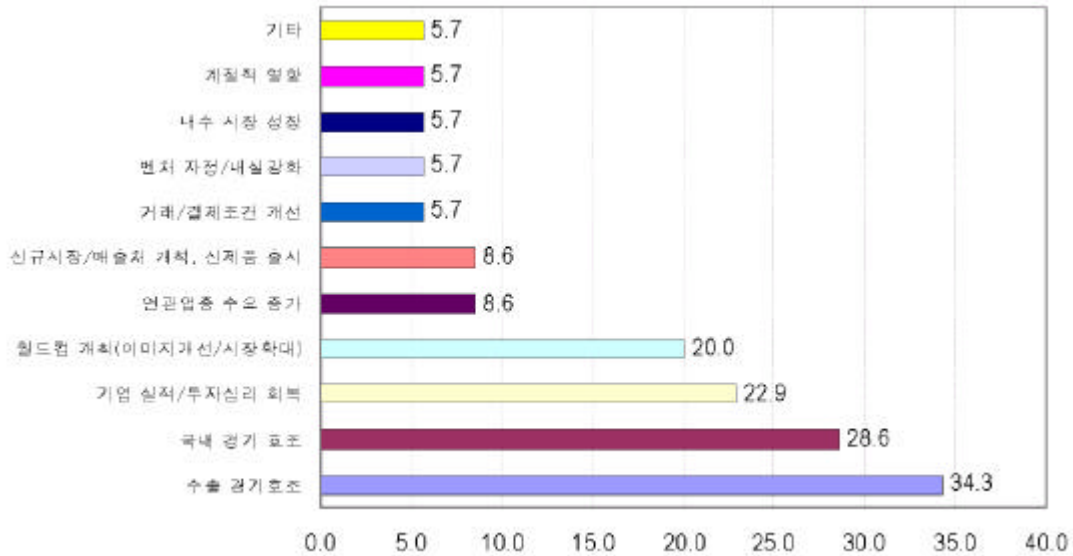
- (3/4 ) 가 ,  
 , 가 3/4  
 가 145

2) 'HRI- , . 3 ,  
 ( : 2002 7 4 7 12 , : 76 , ,  
 : 95% ± 8.0%P). (( - ) +1}  
 × 100)가 100 가 ,

· 2002 3/4 144.7 1/4  
 , 1474, 123.7 1/4

· /PC S/W · 가

< 2002 2/4 ( , %) >



- ( ) S/W · / 2/4  
 가 , · PC, / , /  
 2/4 3/4 가  
 · S/W ·

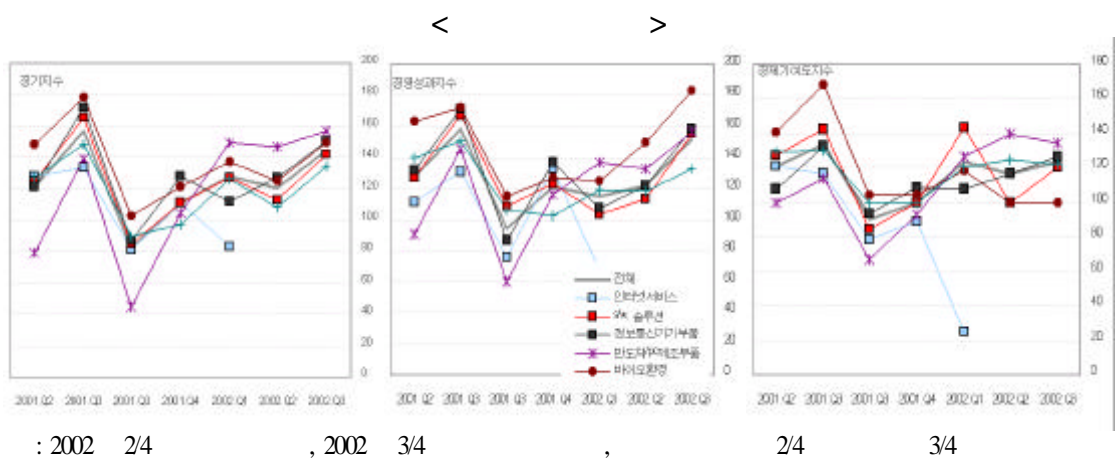
2/4 가 ,

3/4

· · PC 2001 DRAM 가 ,  
 , 2002 2/4 가 ,  
 , 2/4

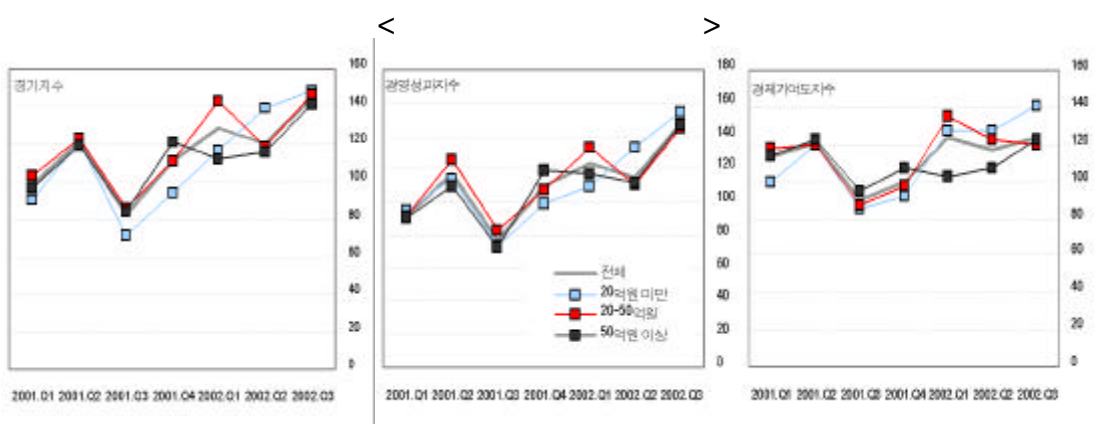


가 , 3/4 가 , 2/4 가 , 2/4 가



- ( ) 20 2/4 , 3/4

가 가 20 2/4 ,



:



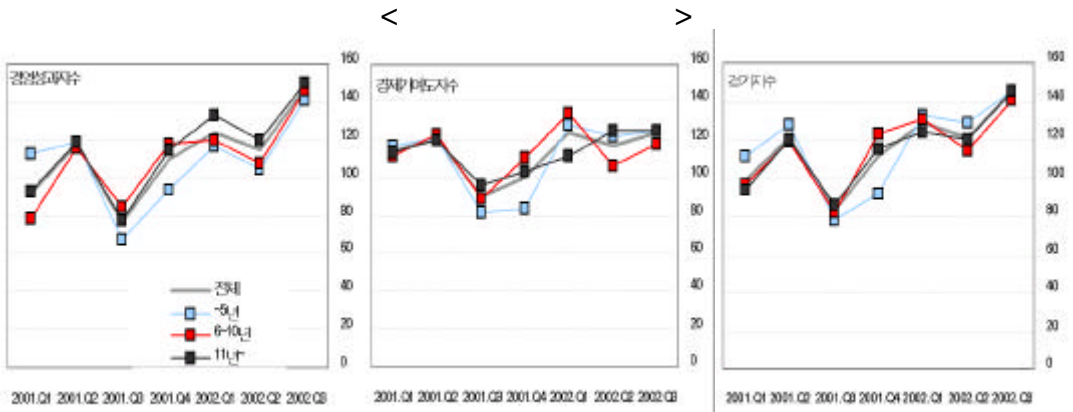
· 20  
2/4 ,

· , 3/4 , 20 가

- ( ) 10 24 , 가 , 34

· 5 2/4 가  
가 ,  
· 6 10 , 2/4 가

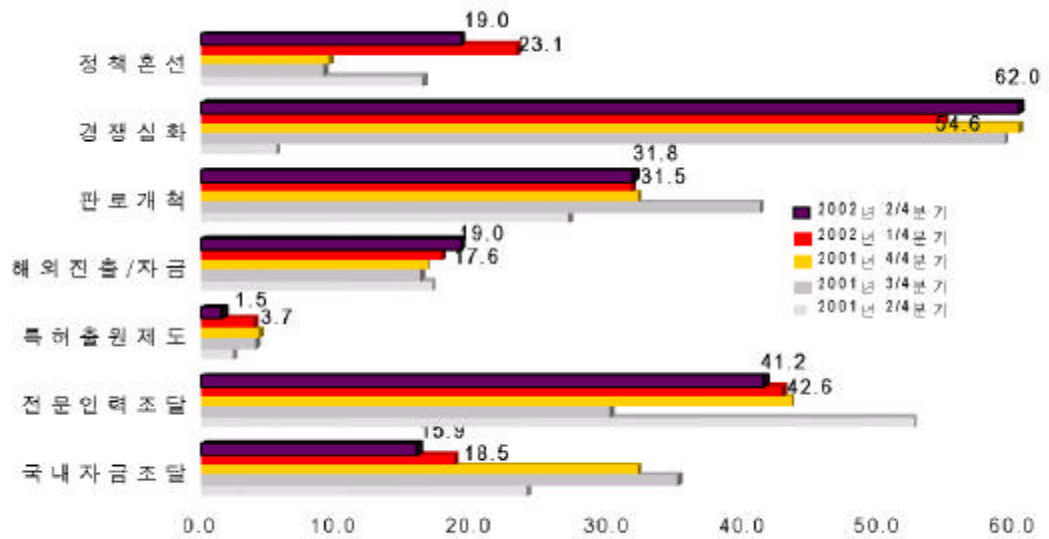
11  
· 3/4 가 ,  
5



-----

- ( ) , ,  
 ,  
 . , 60% /  
 , , .  
 . 40% ,  
 PC , 6 S/W .  
 , PC , / /  
 5 S/W .  
 ,

< ( , %) >



-----

- ( ) , 가 ,

· , 가 , ,

· , ,

· , ,

:

- ( ) 70%

,

· , S/W ·

, 가 6

· 20%

가

< / (%) >

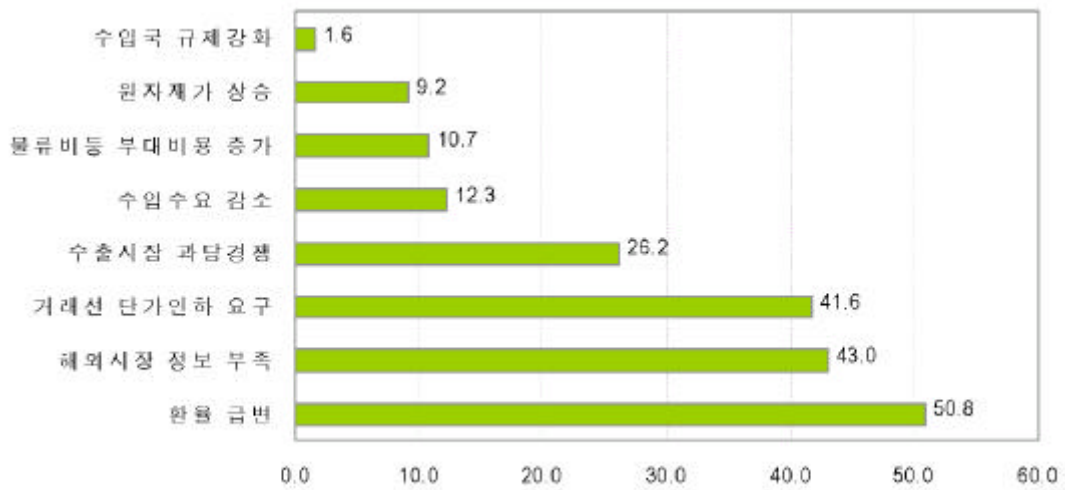
		2002 ( )				2002 ( )			
		가				가			
	(100.0%)	43.8	34.4	21.9	100.0	70.8	27.7	15	100.0
S/W ·	(14.8%)	44.4	44.4	11.1	100.0	88.9	11.1	0.0	100.0
	(54.1%)	56.3	21.9	21.9	100.0	78.8	21.2	0.0	100.0
	(27.9%)	29.4	47.1	23.5	100.0	64.7	29.4	5.9	100.0
	(3.3%)	50.0	50.0	0.0	100.0	0.0	100.0	0.0	100.0



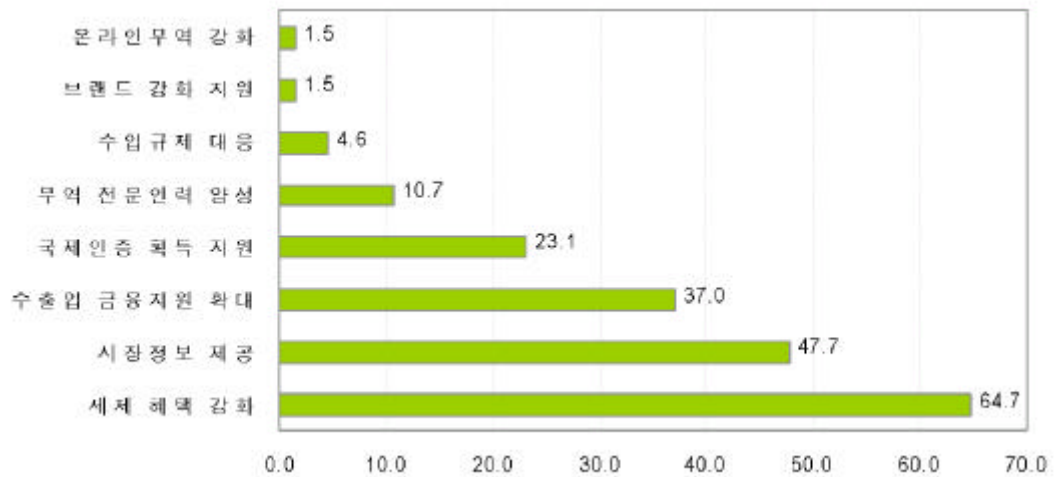


가 , 가 , 가 , f

< ( , %) >



< ( , %) >



- ( ) /

· 50%가 / , / 100

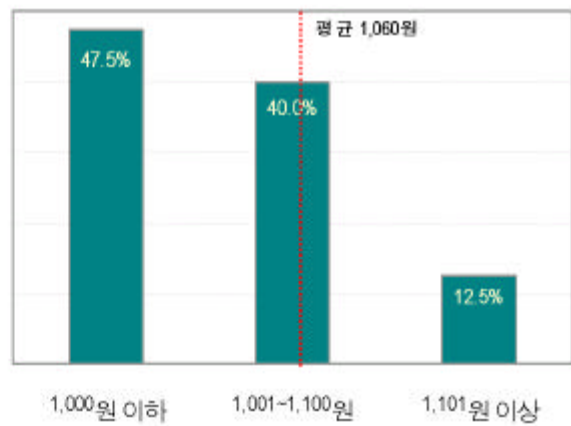
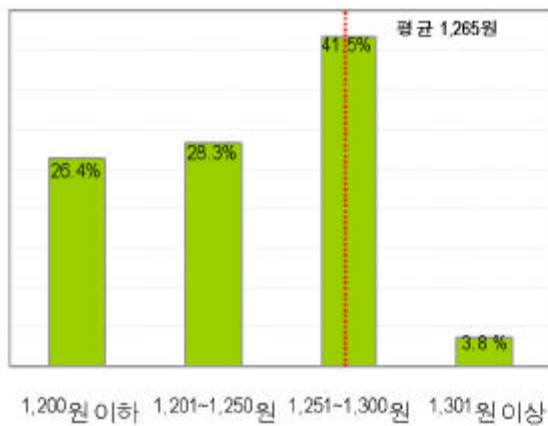
· , 가

< (%) >

		/						/100					
	(100.0%)	5.9	7.4	22.1	50.0	14.7	100.0	3.0	16.4	35.8	37.3	7.5	100.0
S/W ·	(17.2%)	18.2	0.0	54.5	18.2	9.1	100.0	0.0	18.2	54.5	18.2	9.1	100.0
	(51.6%)	6.1	9.1	12.1	60.6	12.1	100.0	0.0	21.9	34.4	43.8	0.0	100.0
	(26.6%)	0.0	0.0	23.5	58.8	17.6	100.0	5.9	0.0	35.3	41.2	17.6	100.0
	(3.1%)	0.0	0.0	0.0	50.0	50.0	100.0	0.0	0.0	0.0	50.0	50.0	100.0

· 가 /  
 가 1,265 , / 100 1,060 ,  
 S/W · 40%가 1,200 / 가

< (%) >





.

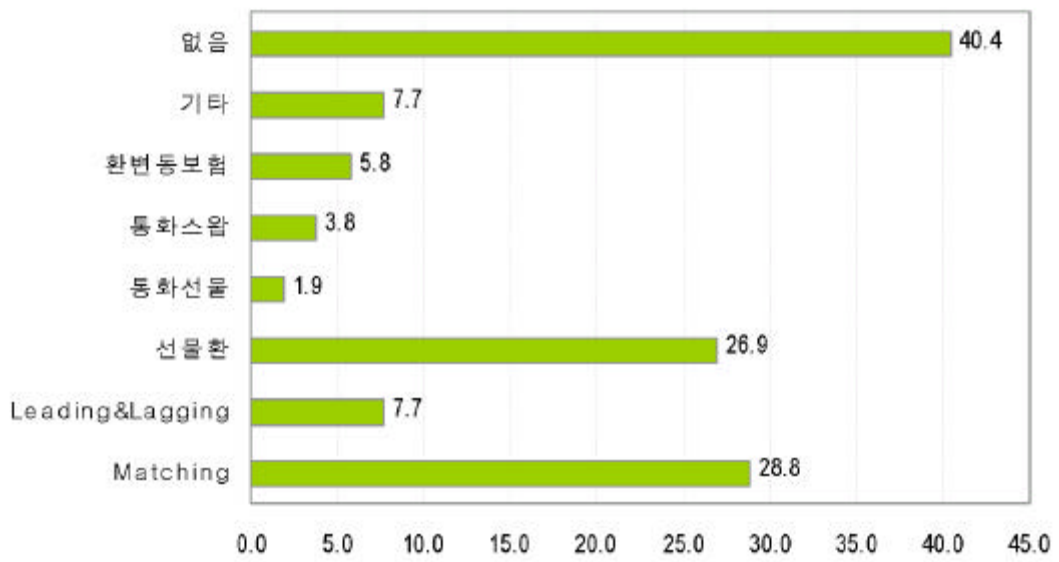
40%가

.

Matching

,

< ( , %) >



-

2001 3/4

가

.

2001

3/4

가

가

,

.

가

가

3/4

,



- ,

· 가

· ,

· ,

- 가

· ,

· 가

· / 가 ,

· 가 가 ,

· , Matching Leading&Lagging  
가 ,

· ,

·

