



6

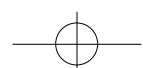
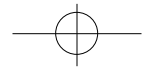
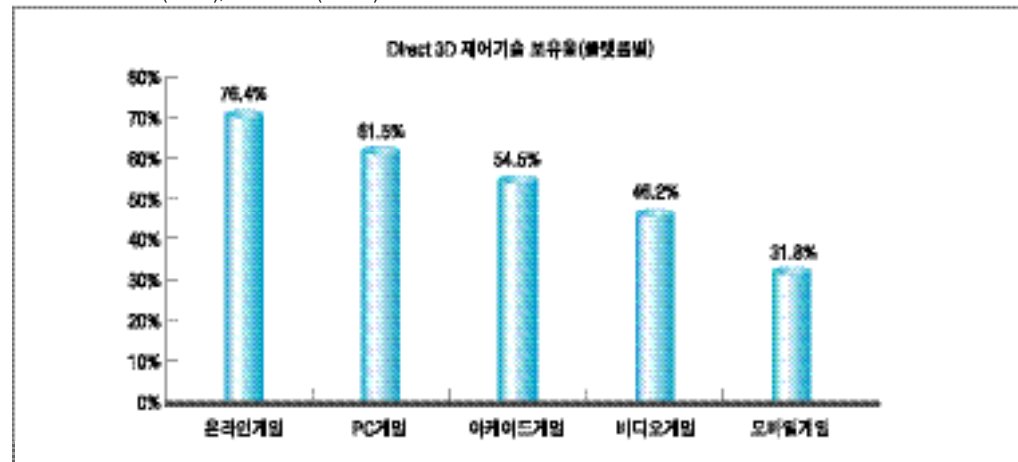
4 2003 가 7.6%, 가 15.7%, 가 13.8%
 318 (Tool)
 240 가 52.9%, PC 가 10%,

1

1. 3D ()

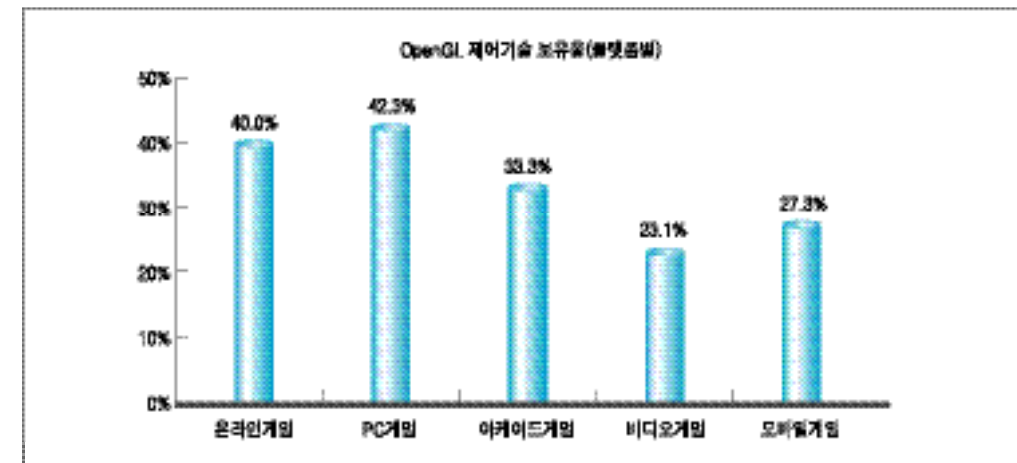
3D 3D 3D 2002

< 5-6-1-01> Direct 3D (): (N=110), PC (N=26), (N=33), (N=13), (N=22)

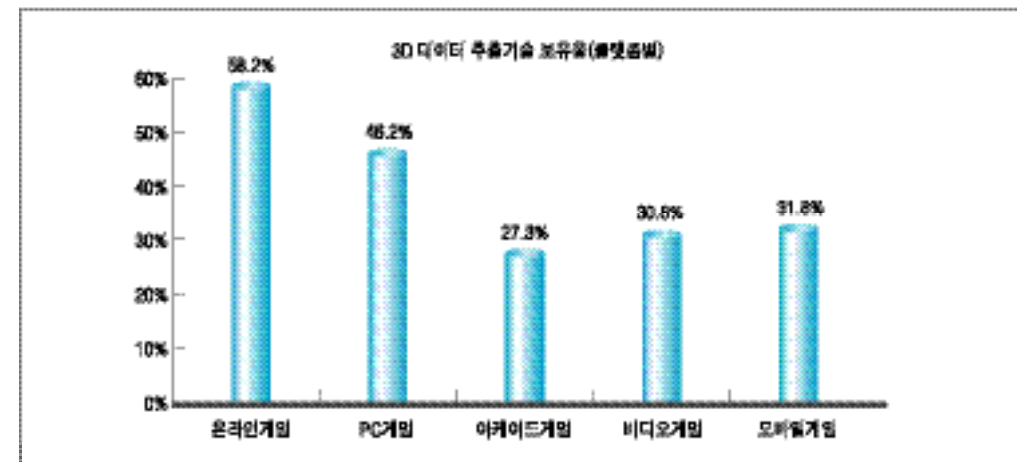


'OpenGL' 36.8%(204 75)가
 'Direct 3D' 204 131 , 63.2%가
 64.2%
 76.4%, PC 61.5%, 가 40%, PC 가
 54.5%, 42.3%, 33.3%,
 46.2%, 31.8%가 가 23.1%, 가
 27.3%

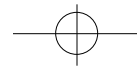
< 5-6-1-02> OpenGL (): (N=110), PC (N=26), (N=33), (N=13), (N=22)



< 5-6-1-03> 3D (): (N=110), PC (N=26), (N=33), (N=13), (N=22)

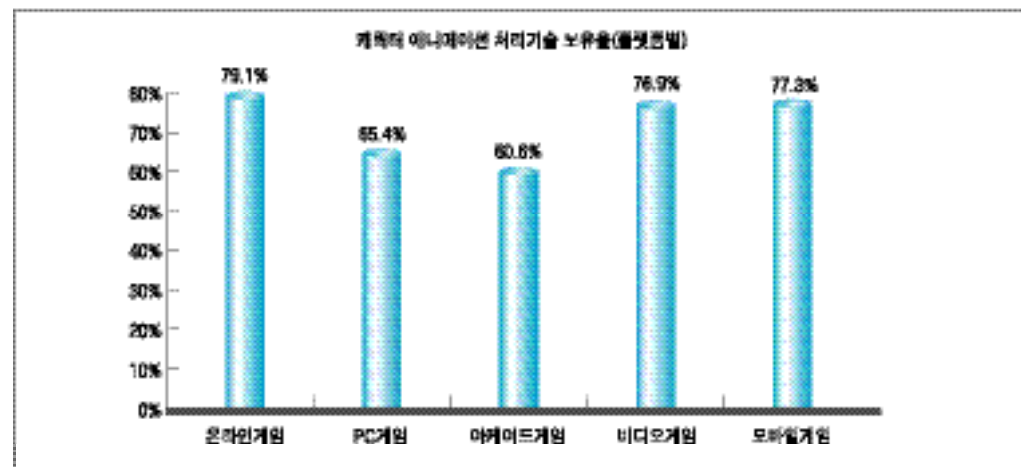


5

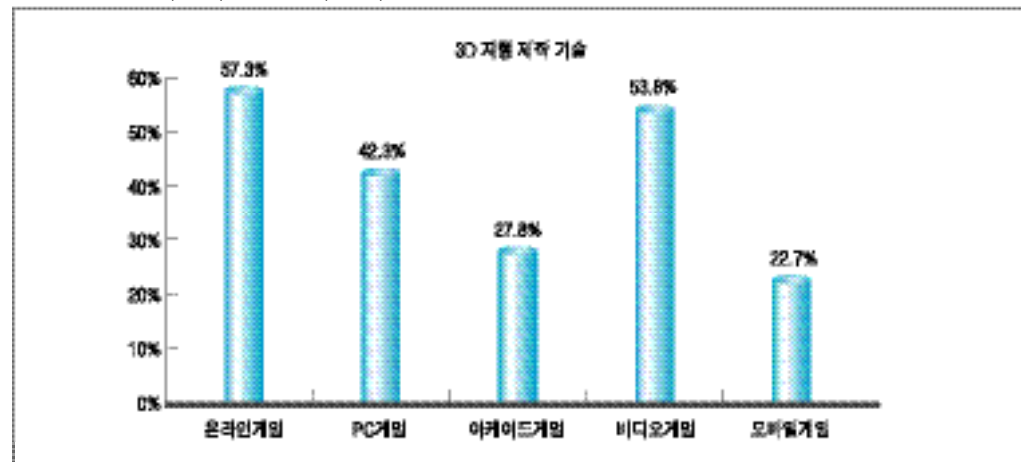


6

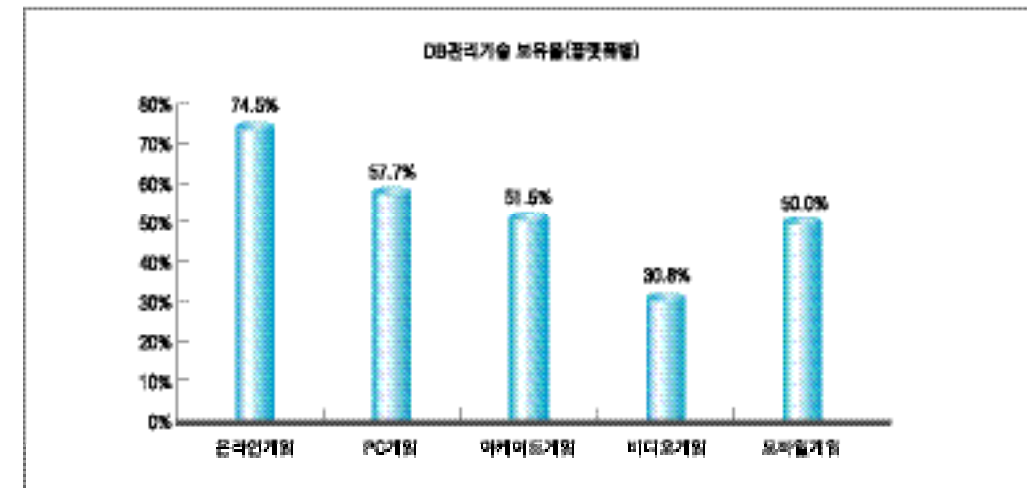
3D 26%
 204 96 47.1%가 . 3D
 58.2%, PC 46.2%, 2002
 27.3%,
 30.8%, 31.8% 가 79.1%, PC 가 65.4%,
 가 60.6%, 가
 76.9%
 가 77.3%
 가 74%(204 151), 2002
 < 5-6-1-04> (): (N=110), PC (N=26), (N=33),
 (N=13), (N=22)



< 5-6-1-05> 3D (): (N=110), PC (N=26), (N=33),
 (N=13), (N=22)

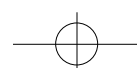


< 5-6-1-06>DB (): (N=110), PC (N=26), (N=33), (N=13),
 (N=22) (N=13), (N=22)



3D 2002 3D
 52.6%
 ' 3D ' 204 112 가
 46.6%(204 95 54.9%
)
 57.3%, PC 가 69.1%, PC 50%,
 42.3%, 27.8%, 36.4%, 46.2%, 22.7%
 53.8%, 22.7%가 ' 3D ' 가
 ' 가
 7 98%가
 , 17%가 7
 , 2%
 ' DB ' 204
 129 가 204 가
 63.2% 805 3D
 가 74.5%, PC ' ,
 가 57.7%, 가 51.5%, ' 18.8%(151) 가 ,
 가 30.8%, ' Direct 3D ' 16.3%(131
 가 50% ' DB ' 16%(129) ,'

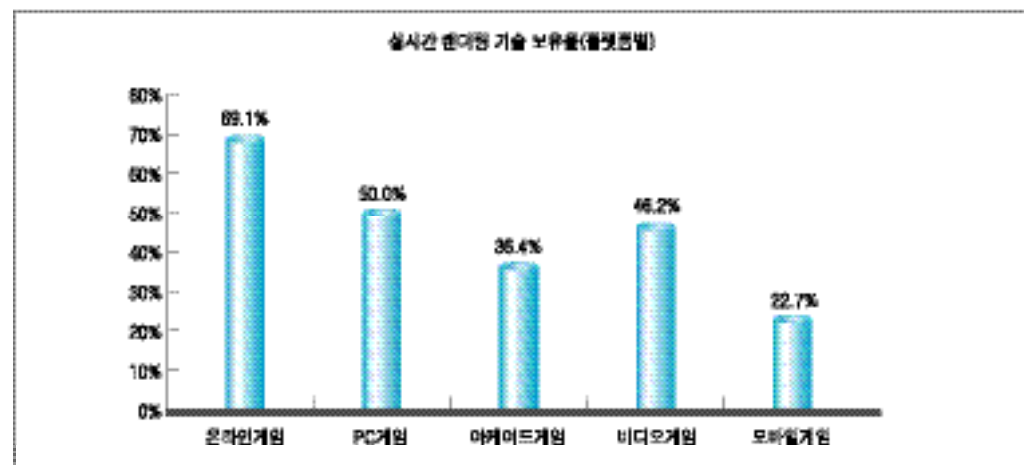
5



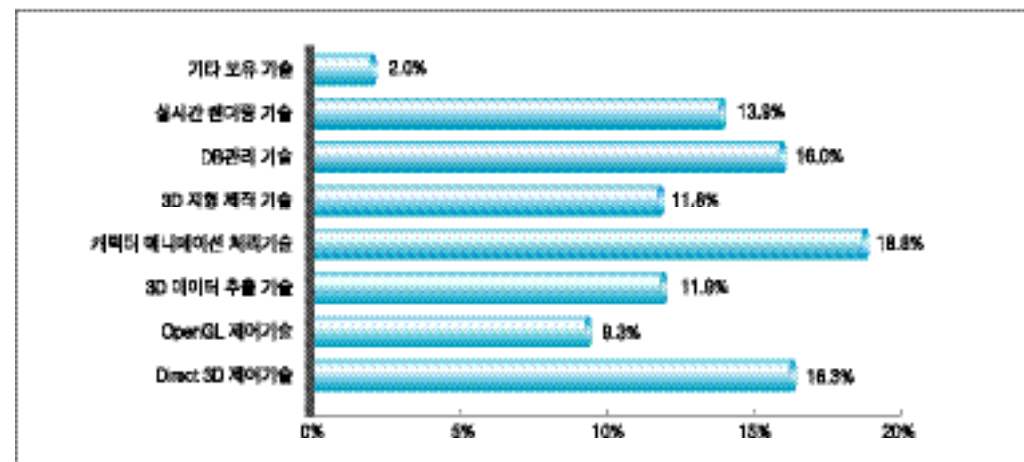
6

13.9%(112), ' 3D
 11.9%(96), ' 3D
 11.8%(95), ' OpenGL
 9.3%(75), ' 17.1%,
 2% ' Direct 3D ' 16.5%, ' DB
 16.1%, ' 14.9%,
 ' 3D ' 12.5%, ' 3D
 ' 12.4%, ' OpenGL
 8.6%
 PC
 (17.7%), ' Direct 3D

< 5-6-1-07> (): (N=110), PC (N=26), (N=33),
 (N=13), (N=22)

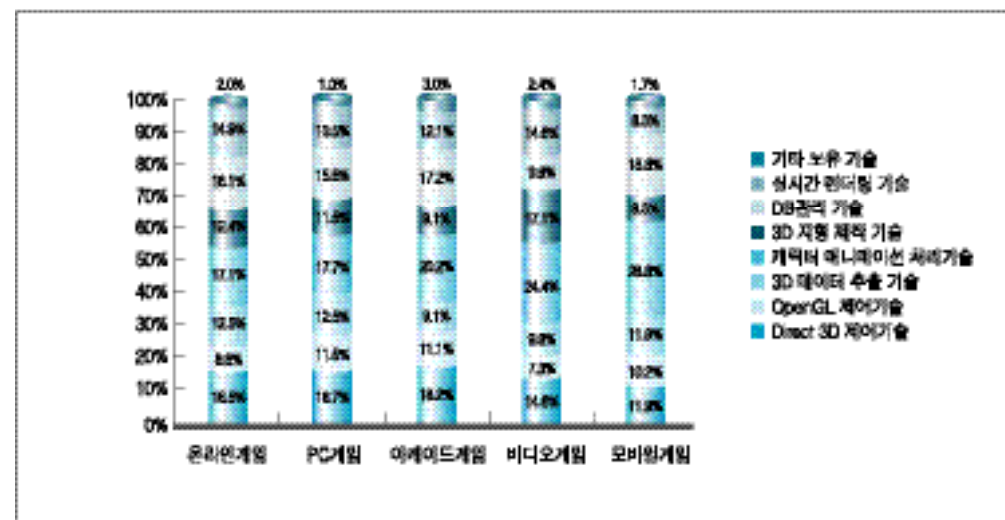


< 5-6-1-08> 3D (N=805,)



{16.7%}, ' DB {15.6%}, ' {11.1%}, ' 3D {9.1%}, ' 3D
 {13.5%}, ' 3D {9.1%}
 {12.5%}, ' 3D '(11.5%),
 ' OpenGL {11.5%}
 28.8%, ' DB '18.6%, ' Direct 3D
 ' 3D '11.9%,
 {20.2%}, ' Direct 3D ' OpenGL 10.2%, ' 3D
 {18.2%}, ' DB {17.2%}, ' ' 8.5%
 {12.1%}, ' OpenGL

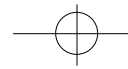
< 5-6-1-09> 3D (): (N=510), PC (N=96), (N=99),
 (N=41), (N=59)



5

2.

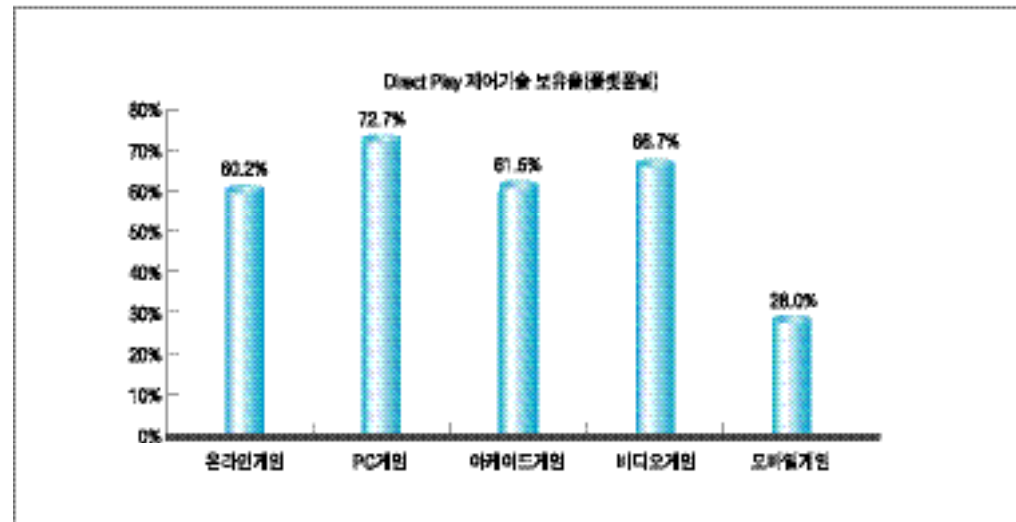
187 가
 57.8%
 3D 가
 가 60.2%, PC 가 72.7%,
 가 61.5%,
 가 66.7%, 가 28%
 , ' Direct Play



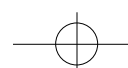
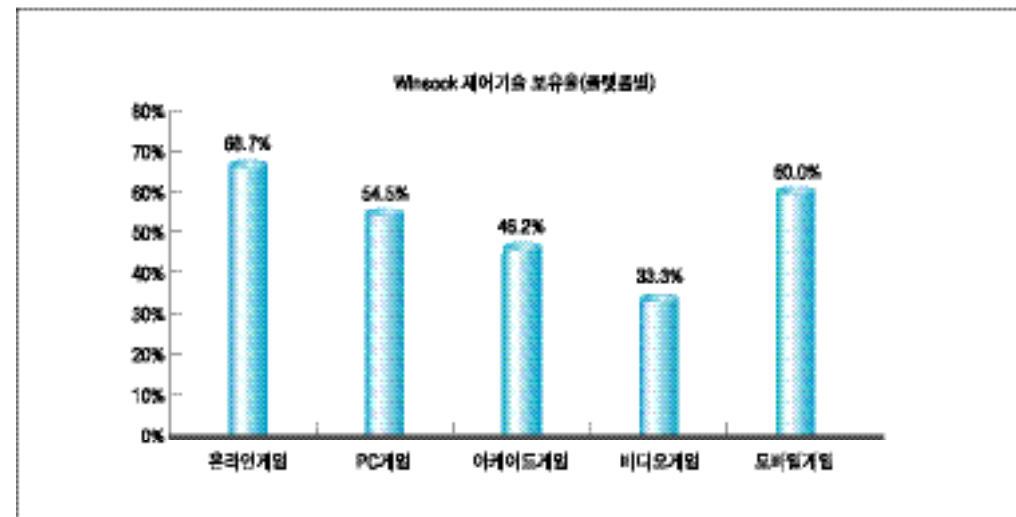
6

‘ Winsock ’ 60.4% 33.3%, 가 60%
 187 113 가
 가 66.7%, PC 가 54.5%, 55.6%(187 104
 가 46.2%, 가)가

< 5-6-1-10> Direct Play (): (N=108), PC (N=22), (N=26),
 (N=6), (N=25)



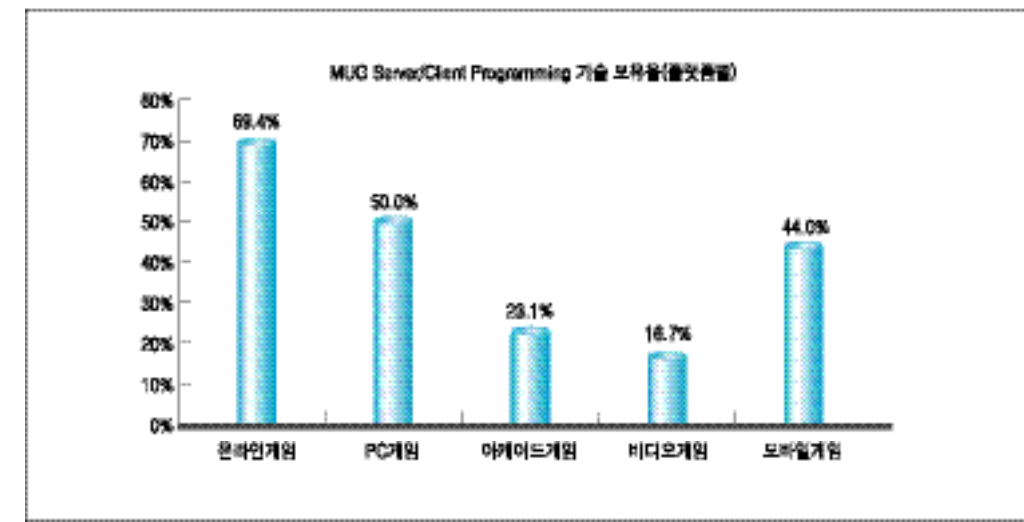
< 5-6-1-11> Winsock (): (N=108), PC (N=22), (N=26),
 (N=6), (N=25)



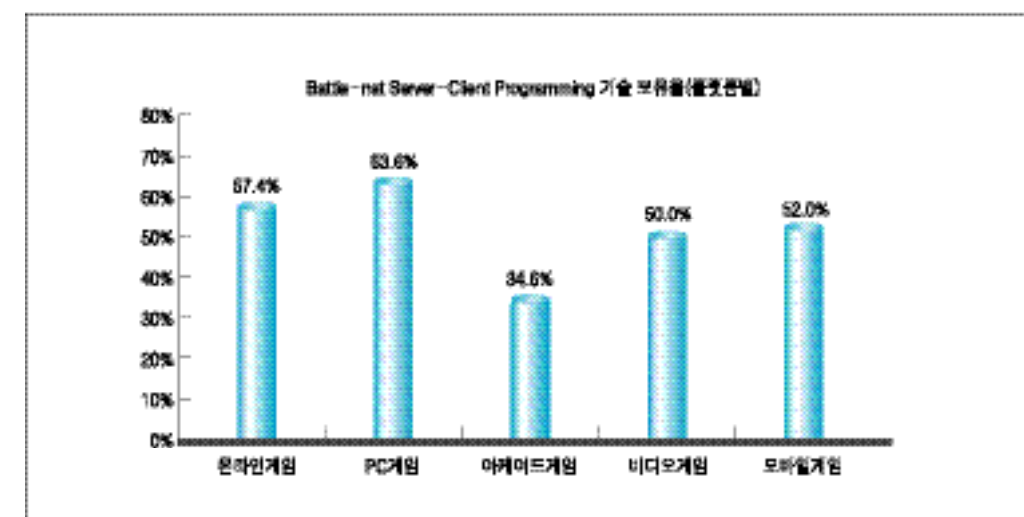
5

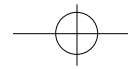
69.4%, PC 50%, 23.1%,
 ‘ Battle-net Server/Client Programming ’ 54%(187 101
 16.7%, 44%가) ,
 ‘ MUG Server/Client Programming ’ 57.4%, PC 63.6%,
 34.6%,

< 5-6-1-12> MUG Server/Client Programming (): (N=108), PC (N=22),
 (N=26), (N=6), (N=25)



< 5-6-1-13> Battle-net Server/Client Programming (): (N=108), PC (N=22),
 (N=26), (N=6), (N=25)

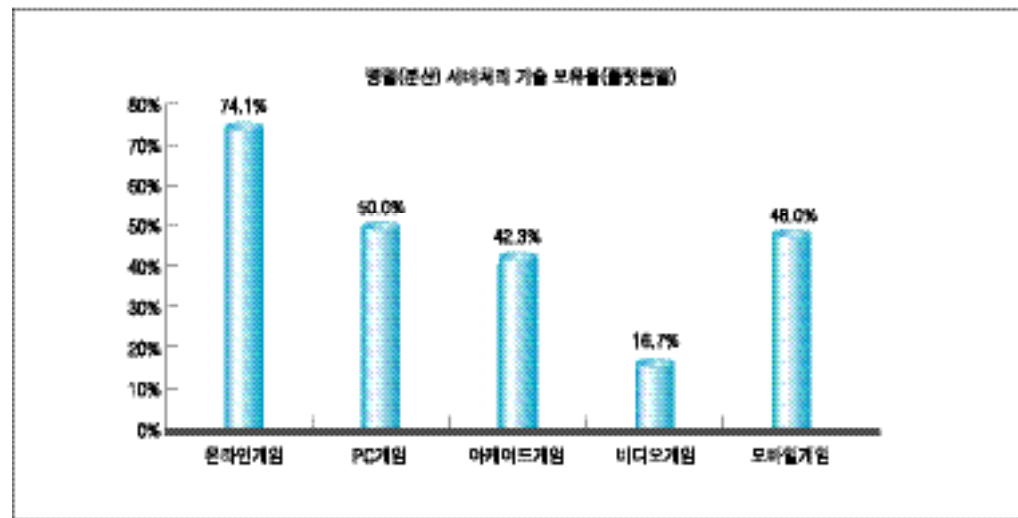




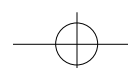
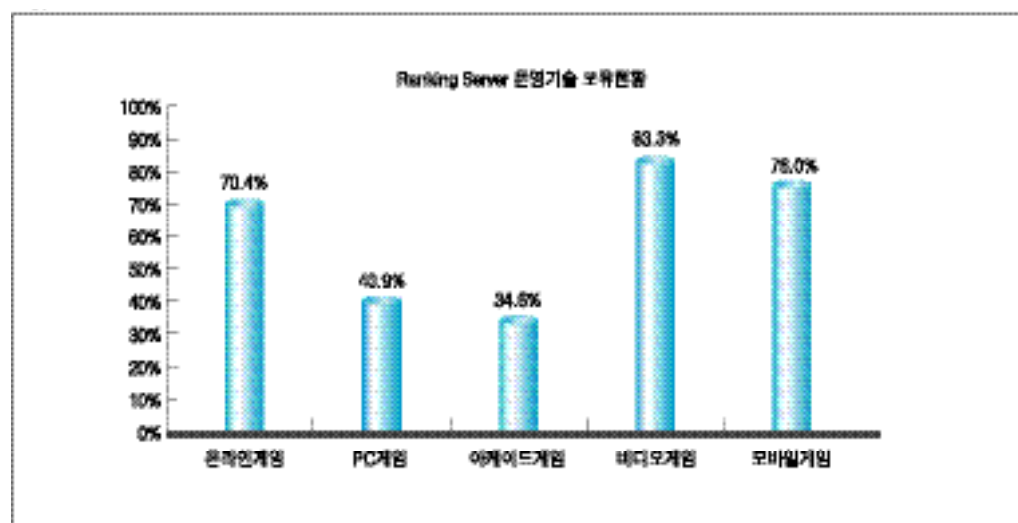
6

50%, 52%, PC, 50%,
 () 187 42.3%, 16.7%,
 가 115 48%가
 61.5%
 74.1%가

< 5-6-1-14> () (): (N=108), PC (N=22), (N=26),
 (N=6), (N=25)

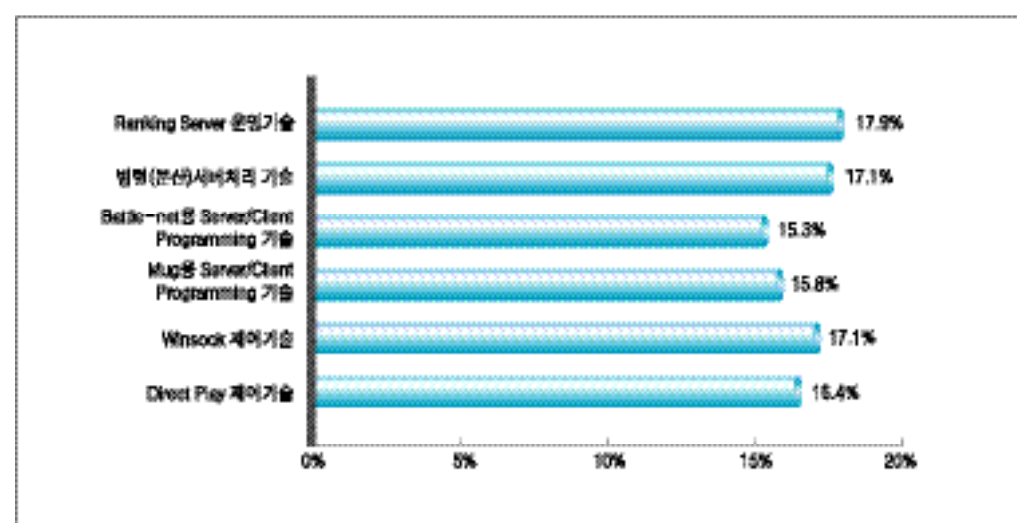


< 5-6-1-15> Ranking Server (): (N=108), PC (N=22), (N=26),
 (N=6), (N=25)

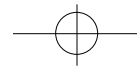


' Ranking Server ' 187 ' Battle-net Server/Client Programming
 118 63.1%가 ' 15.3%(101) 15% ~18%
 가 70.4%
 , PC ,
 가 40.9%, 34.6%, 83.3%, 76% ' Ranking Server
 6 ' 17.7%, MUG Server/Client Programming
 ' 17.4%, Direct Play ' 15.1%,
 ' Battle-net Server/Client Programming
 ' 14.4%
 PC
 21.9% ' Direct Play
 가 ' Battle-net
 Server/Client Programming ' 19.2%
 ' Ranking Server ' 17.9%(118), ' ()
 ' 17.5%(115), ' Winsok ' ' 16.4%, ' ()
 17.1%(113), ' Direct Play ' ' MUG Server/Client Programming
 16.4%(108), ' MUG Server/Client Programming ' 15.1%, ' Ranking Server
 Programming ' 15.8%(104), 12.3%

< 5-6-1-16> (N=659)

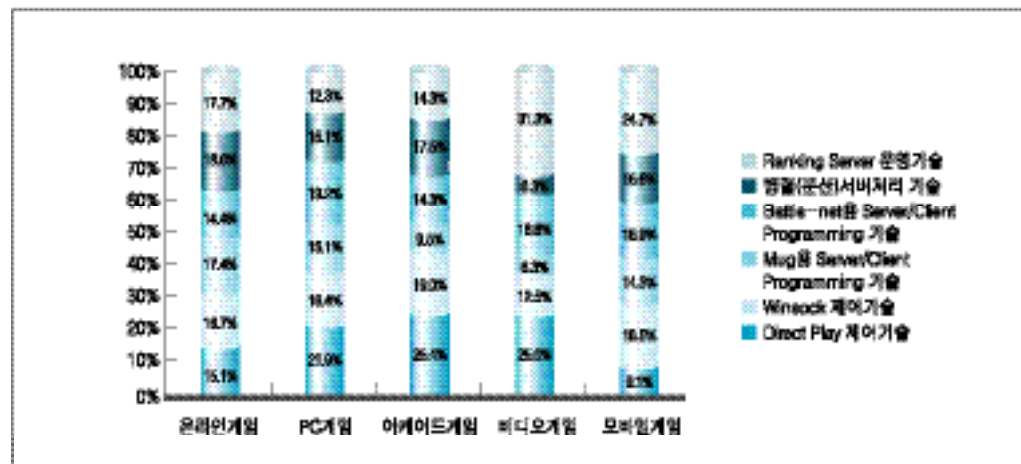


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< 5-6-1-17> () : (N=430), PC (N=73), (N=63), (N=16), (N=77)



'Direct Play' 24.7%, 19.5%, 16.9%, 'Winsock' 15.6%, 14.3%, 9.1%

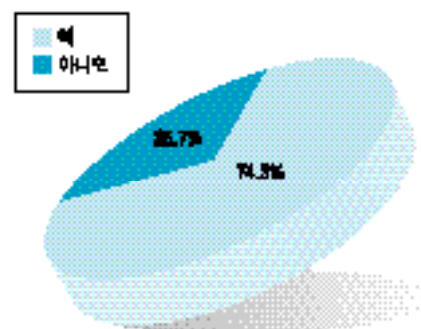
'Battle-net Server/Client Programming' 17.5%, 'Ranking Server' 14.3%, 'MUG Server/Client Programming' 9.5%

3.

'Ranking Server' 31.3%

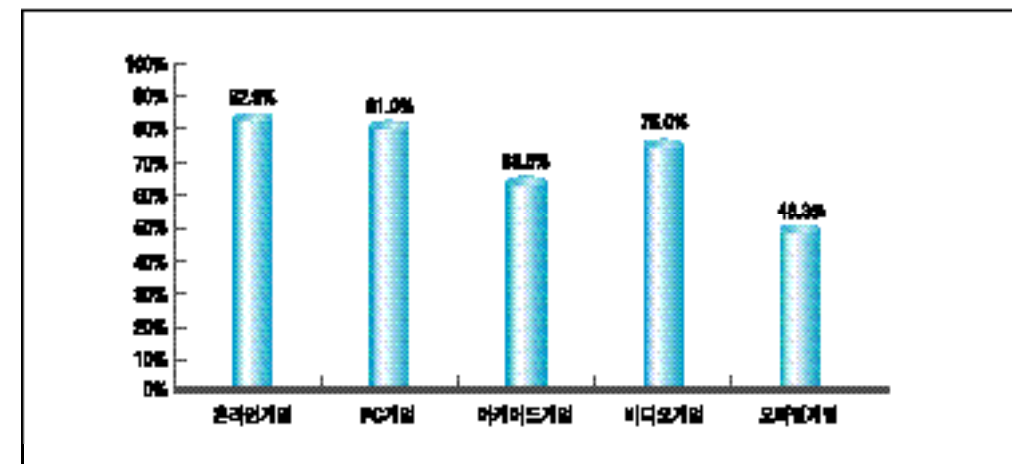
'Direct Play' 25%, 'Battle-net Server/Client Programming' 18.8%, 'Winsock' 12.5%

< 5-6-1-18> (N=210)

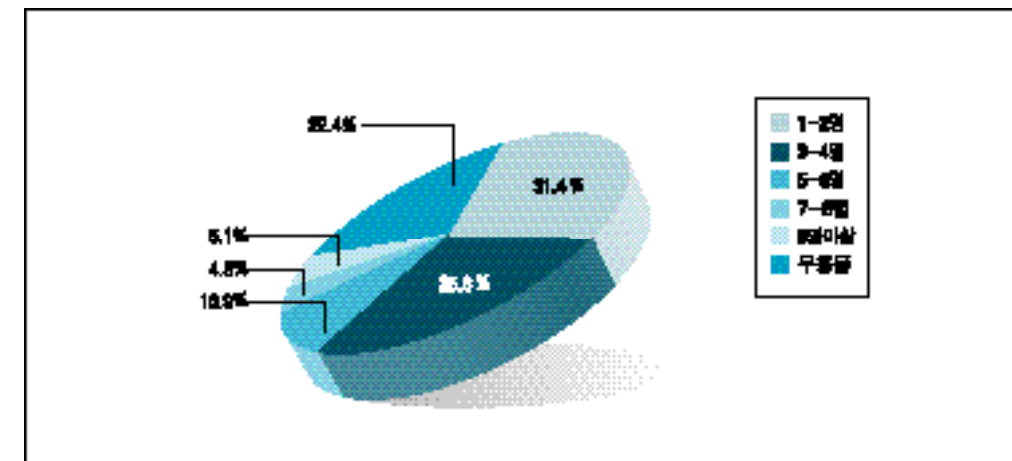


'Ranking Server', 'Winsock', 'Battle-net Server/Client Programming', 'MUG Server/Client Programming', 'Direct Play'

< 5-6-1-19> () : (N=111), PC (N=21), (N=33), (N=16), (N=29)



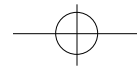
< 5-6-1-20> (N=156)



156 가 210 74.3%, 48.3%

가 82.9%가, PC 가 81%, 3.8, 1 26 가 63.6%, 가 75% 가

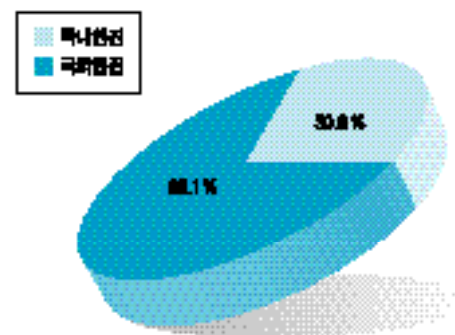
5



6

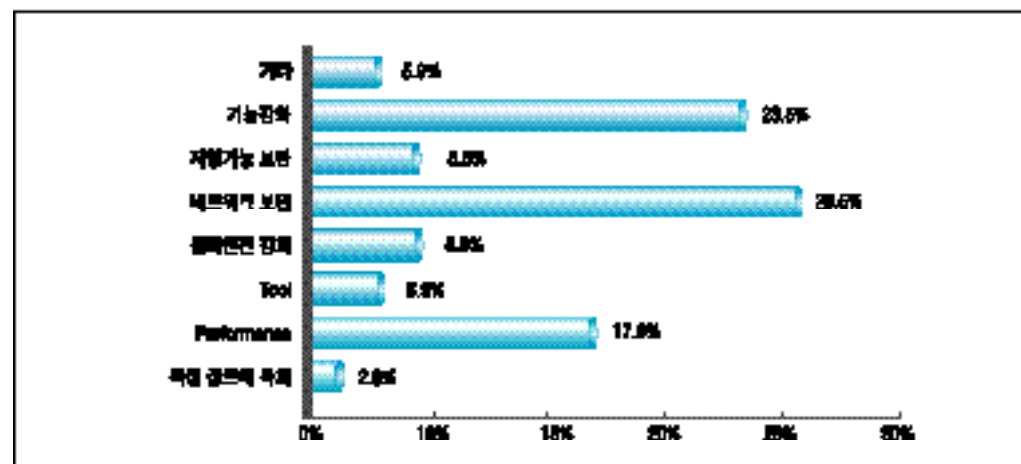
11.3%, 'Terrain' 7.5%, ' ; NETIMMERSE
 ' 5.7%, ' ,
 ' ' Tool ' 3.8%
 ' ,
 26.5% 가 ,
 23.5%, ' Performance 가 17.6%, 가
 ,
 가
 8.8%, ' Tool ' 5.9%, ' ,
 가 2.9%
 가 ' 1 ' 27% 가

68 47 69.1%가
 , 30.9%가
 < 5-6-1-26> (N=68)



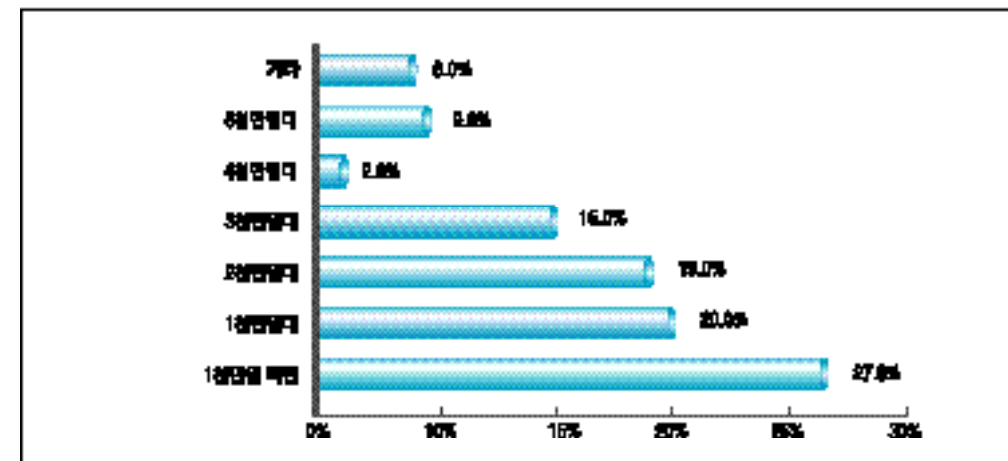
63% 가 ,
 10.9%, ' , 6.5%
 , 2002
 ' , ' 가
 ' , ' 가

< 5-6-1-25> (N=34,)

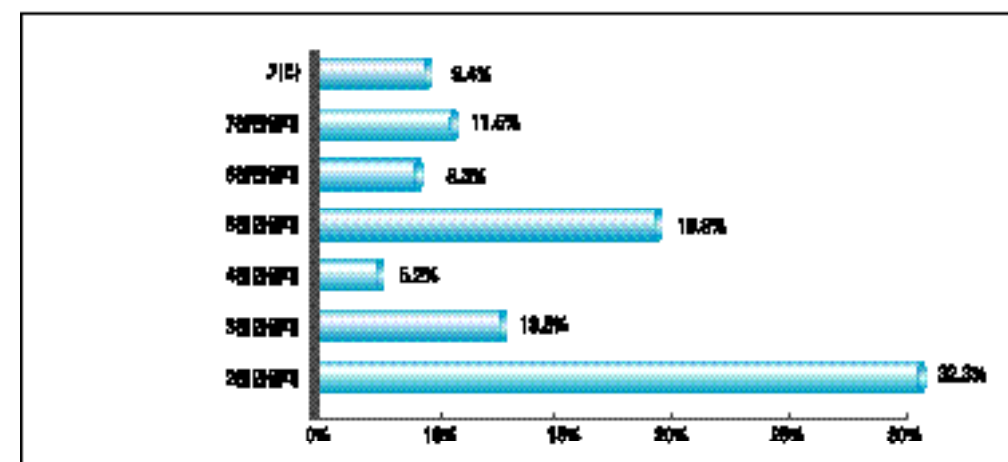


, ' 1 가 20%, ' 2
 가 19%, ' 3 가 15%, ' 4 , 가
 가 2%, ' 5 ' 9%, 가 8%
 .
 가 ' 2 가 32.3% 가 4.
 , ' 3 가 13.5%, ' 4 가
 5.2%, ' 5 가 19.8%, ' 6 가
 8.3%, ' 7 가 11.5%, 9.4%
 가 가 ' 5 ,

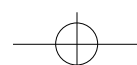
< 5-6-1-27> () 가 (N=100)

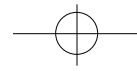


< 5-6-1-28> () 가 (N=100)



5

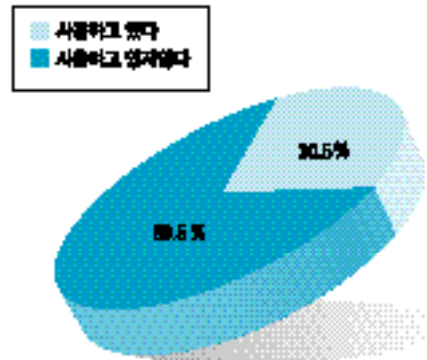




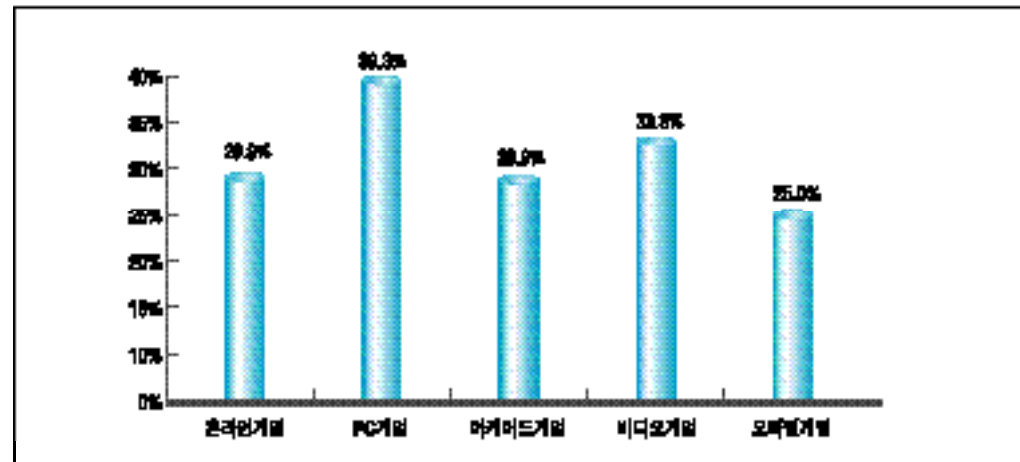
6

30.5% (190) 가 34.5% (58) 가
 27.6%, 6.9%, 5.2%
 29.9%, PC 39.3% 가
 28.9%, 33.3%, 25% 가

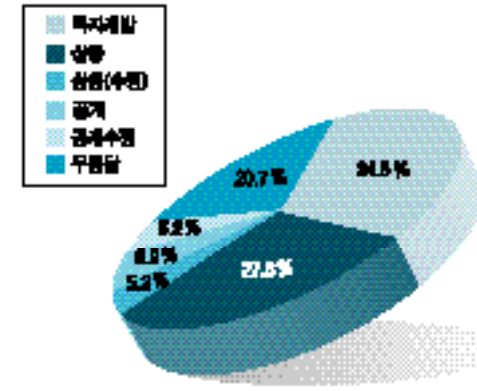
< 5-6-1-29> (N=190) (30%) 가
 (17%), (23%), 8.5%
 30% 가



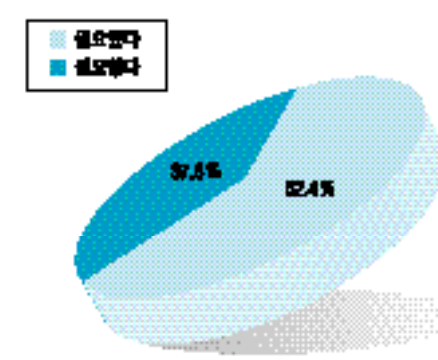
< 5-6-1-30> (N=28): (N=77), PC (N=28), (N=38), (N=18)



< 5-6-1-31>



(N=58) < 5-6-1-32>



62.4% (178) 111)

S/W 가

S/W

가 60.6% (241) 146),
 가 28.2%,
 가 11.2%

41% 가

14%, 11%

22%

가 88.8%

5. S/W 가

11.2%

가

가

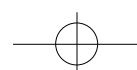
S/W 가

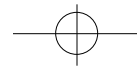
가

55.8% (242)

135)가 S/W 가 233 가

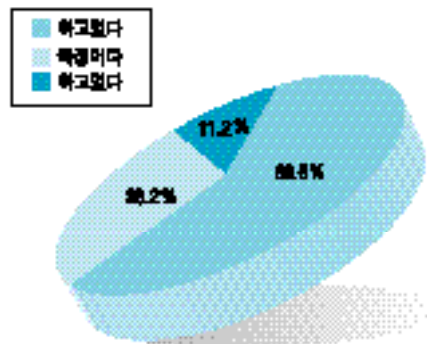
5



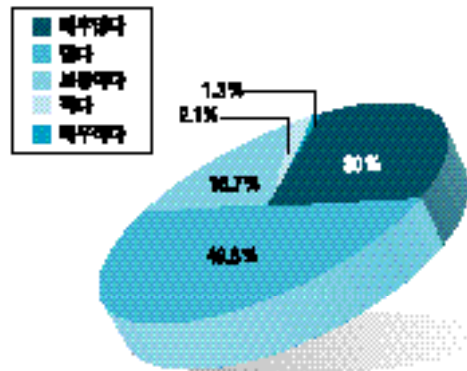


6

< 5-6-1-33> (N=241)



< 5-6-1-34> (N=233)



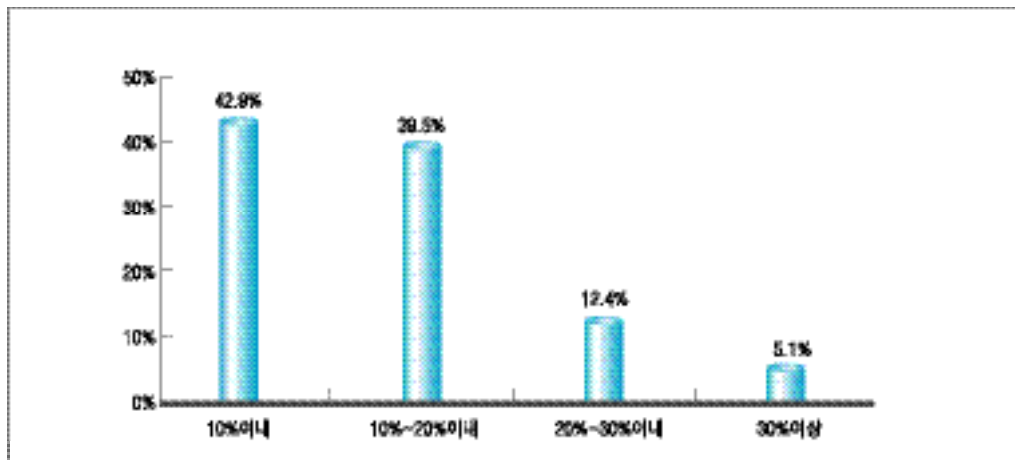
가 30%, ' 가 49.8%, ' 가 39.5%, ' 20%~30% 가 12.4%, ' 16.7%, ' 2.1%, ' 1.3% ' 30% ' 5.1% . (82.4%) 가가 20%

가 79.8% 5%

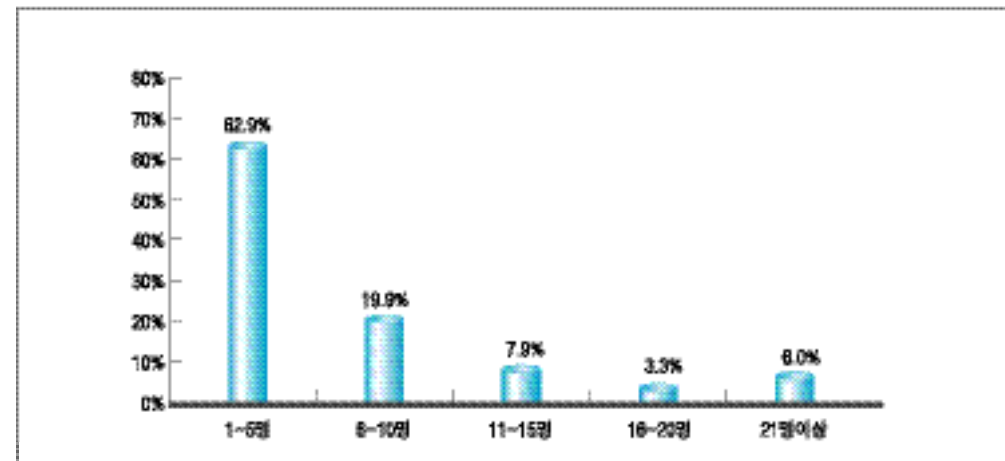
가

'1~5 ' 가 62.9% 가 '10% ' , '6~10 ' 가 19.9%, '11~15 ' 가 42.9% 가 , '10%~20% 7.9%, '16~20 ' 3.3%, '21 ' 가

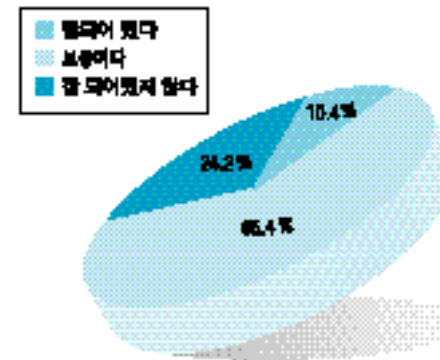
< 5-6-1-35> 가() (N=177)



< 5-6-1-36> (N=151)



< 5-6-1-37> 가 (N=211)



가 6%

가 가

10.4% , ' 가 65.4%, ' 가 24.2%

가

가,

가

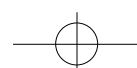
가

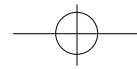
가

()

() ' 가 (81.4%),

5

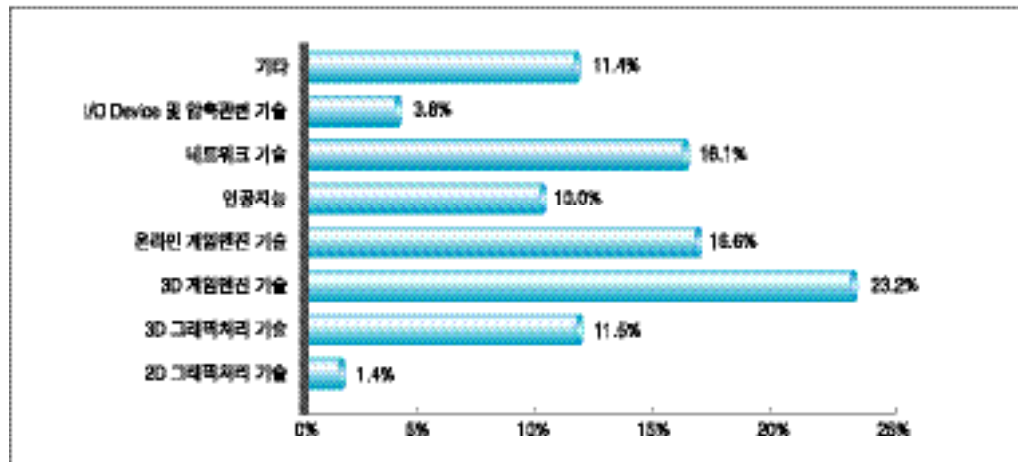




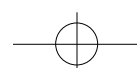
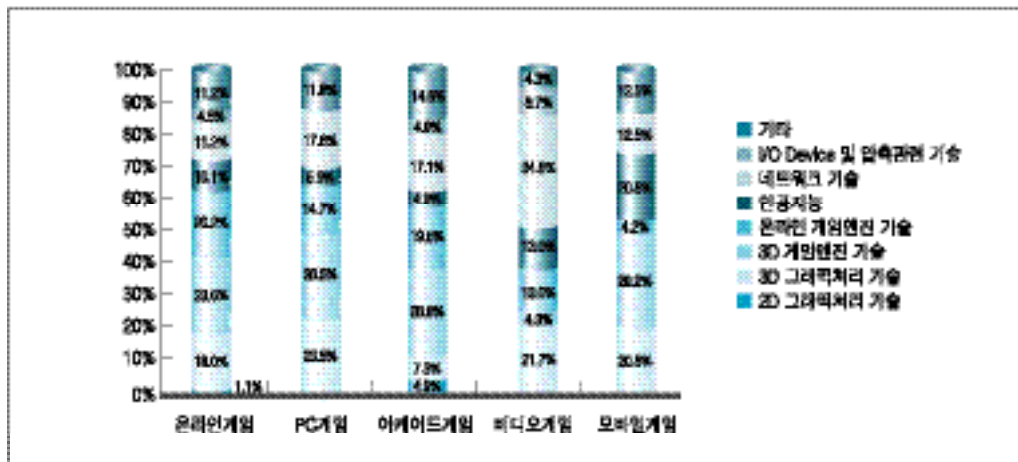
6

PC ' 3D ' 26.5% 가 ' 3D ' 23.5%, ' 17.6%, ' 23.6%, ' 14.7%, ' 5.9% ' 20.2%, ' 3D ' 18%, ' 11.2%, ' 10.1%, ' I/O Device ' 4.5%, ' 2D ' 3D ' 26.8%, ' 1.1% ' 19.5%, ' 17.1%, ' 3D ' 7.3%, ' I/O

< 5-6-2-03> (N=211,)

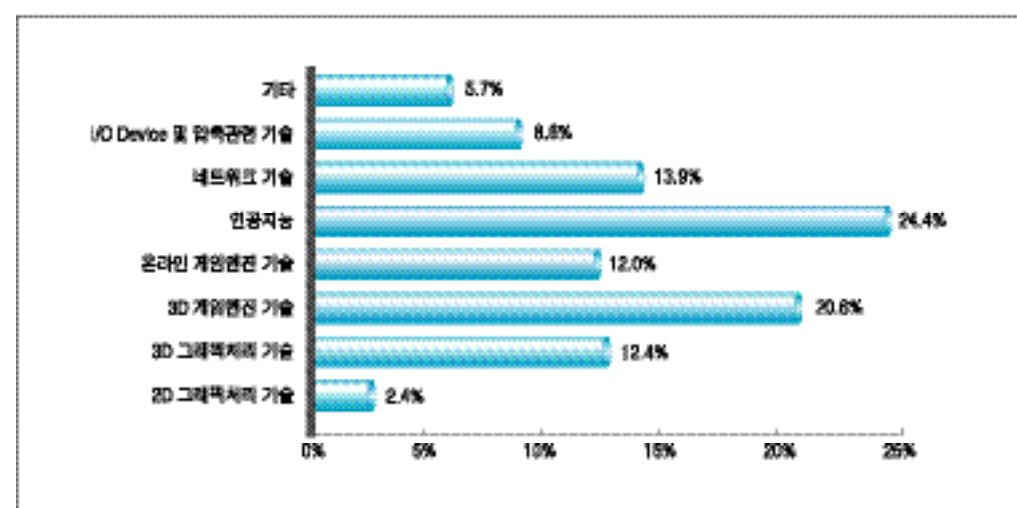


< 5-6-2-04> (N=89), PC (N=34), (N=41), (N=23), (N=24)

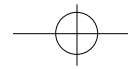


Device ' 2D ' 4.9%가 ' 1~2 ' 2002 ' 24.4% 가 ' 34.8%가 ' 2002 ' 3D ' 21.7%, ' 13%, ' I/O Device ' 3D ' 20.6% ' 1~2 ' 8.7%, ' 3D ' ' 4.3% ' 3D ' 가 ' 29.2% 가 ' 3D ' ' 13.9%, ' 3D ' ' 12.4%, ' ' 20.8%가 ' ' 8.6%, ' 2D ' 2.4% ' 12.5%, ' ' 4.2%가 ' 3. (5.7%)

< 5-6-2-05> (N=209,)



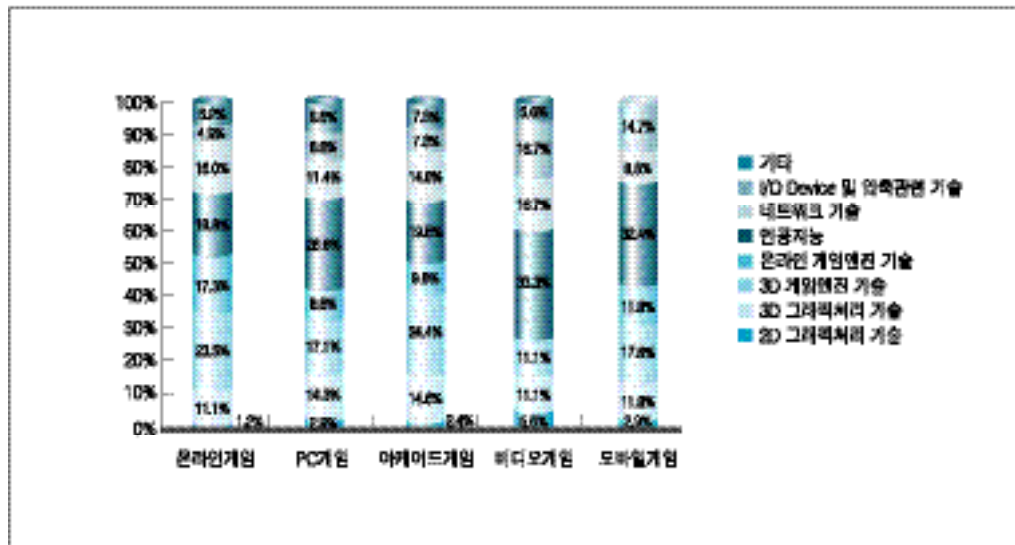
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DB , ' 3D ' 24.4%, ' 19.5%, ' ' 3D ' 14.6%, ' 9.8%, ' I/O Device ' 23.5%, ' 7.3%, ' 2D ' 2.4% ' 19.8%, ' 17.3%, ' ' 16%, ' 3D ' 11.1%, ' I/O Device ' 33.3% 가 ' 4.9%, ' 2D ' ' ' I/O Device ' 1.2% ' ' ' 16.7%, 3D ' PC ' ' 3D ' 28.6% 가 , 11.1%, ' 2D ' 5.6% ' 3D ' 17.1% ' ' 3D ' 32.4%, ' 3D ' 17.6%, ' I/O Device (14.3%), ' (11.4%), ' I/O Device ' 14.7%, ' Device (8.6%), ' ' ' 3D ' 11.8%, (8.6%), ' 2D ' ' ' 8.8%, ' 2D (2.9%) ' 2.9%

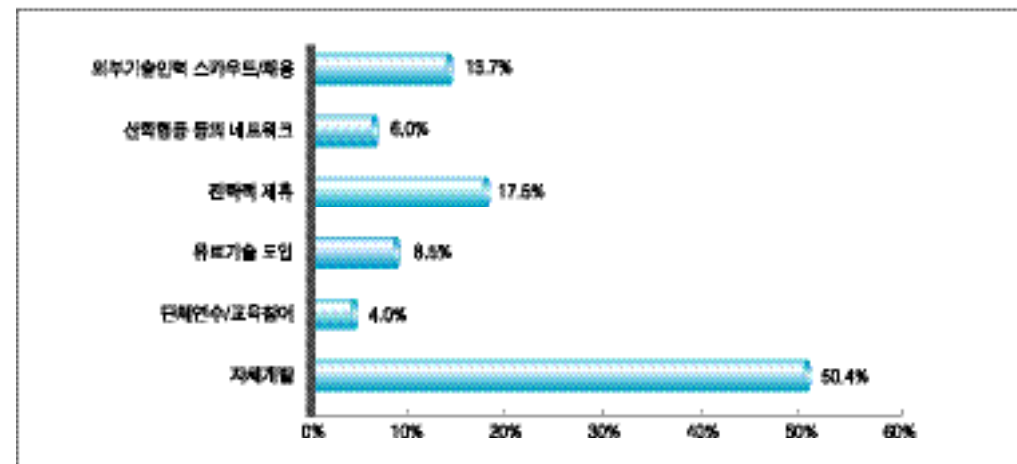
< 5-6-2-06> : (N=81), PC (N=35), (N=41), (N=18), (N=34)



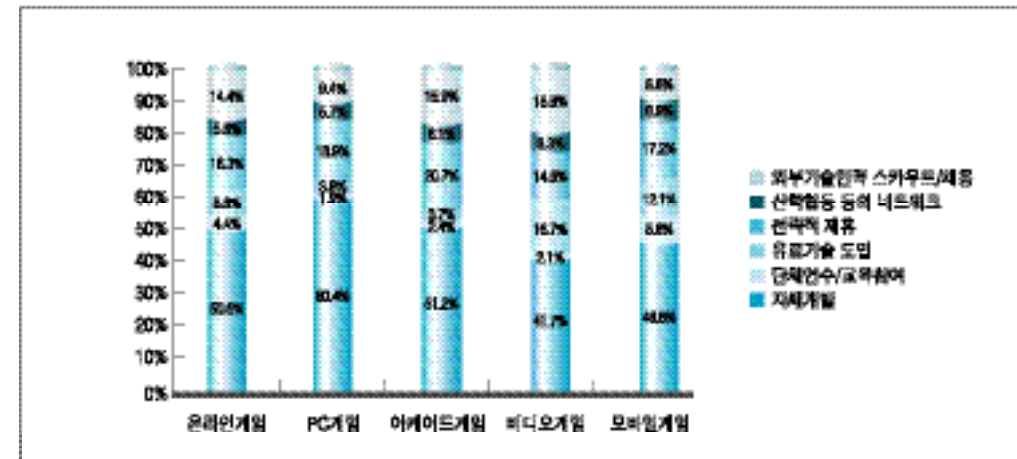
4.

가 17.5%, 6가 (/ 13.7%, 8.5%, 6%, / 가4% 가) 가 50.4% 가

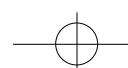
< 5-6-2-07> (N=401,)

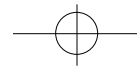


< 5-6-2-08> : (N=160), PC (N=53), (N=82), (N=48), (N=58)



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1.

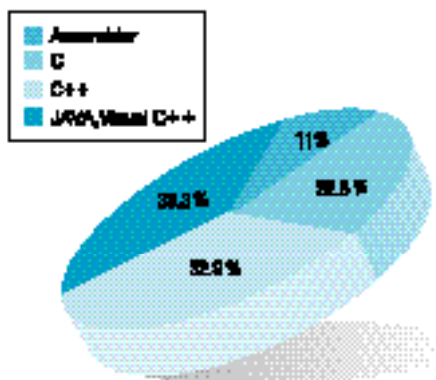
ASP가 40.2% 가 , PHP 25.3%, Servlet 14.6%, Delphi 10.7%, Perl 9.3%

가 68% , 5 5.6%

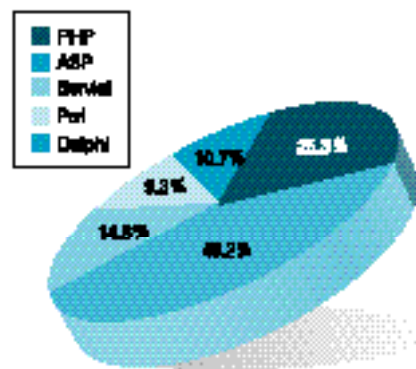
JAVA 39.4%, C C++ 39%, Basic 가 21.5% JAVA C C++ C++ 33.3%, JAVA, Msual C++ 32.9%, C가22.8%, Assembler가11%

가 47가 67% , 3 가 Shockwave Flash Flash가 67.4%, Shockwave가 17.3%

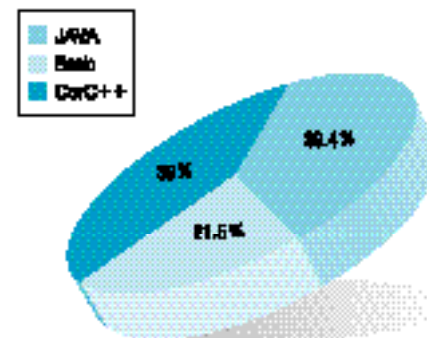
< 5-6-3-01> (N=435,)



< 5-6-3-02> (N=281,)



< 5-6-3-03> (N=251,)

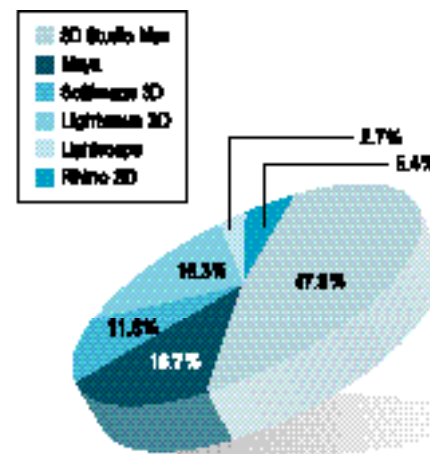


32.6% 가 50.8%, 19.3%

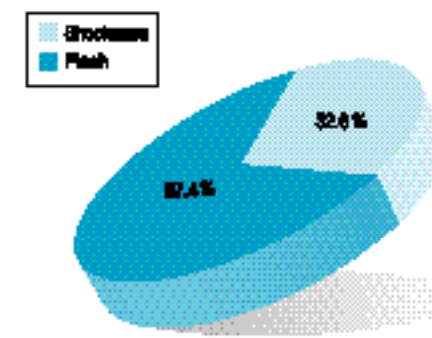
2.

3D '3D Studio Max' 47.3%, 'Maya' 16.7%, 'Lightwave 3D' 16.3%, 'SoftImage 3D' 11.6%, 'Phino 3D' 5.4%, 'Lightscape'

< 5-6-3-05> 3D (N=258,)



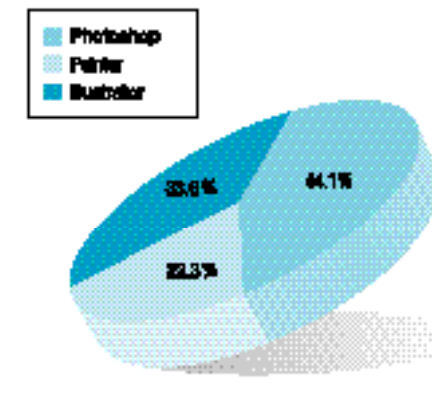
< 5-6-3-04> (N=138,)



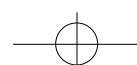
2.7% , 3D 가 72.8% , 6 1% 가 40% 가 , 2 가 18.5%

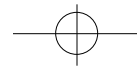
2D 'Photoshop' 44.1% 가 , 11lustrator 가 33.6%, Painter 가 22.3%

< 5-6-3-06> 2D (N=195,)



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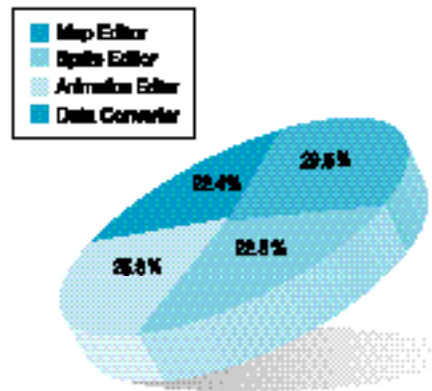
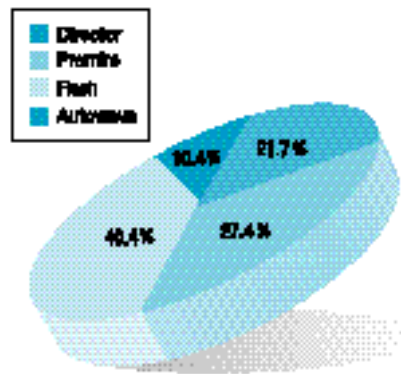


6

가 89.9%, 3
 가 35.5%, 2
 가 37.1%
 'Flash' 가 40.4%,
 Director '가 21.7%, 'Premire '27.4%,
 'Autowave' 가 10.4%
 가 59.5%
 , 4
 < 5-6-3-07> (N=230)

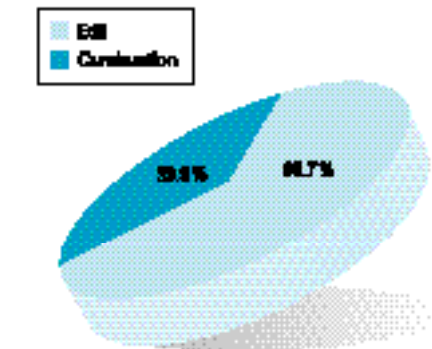
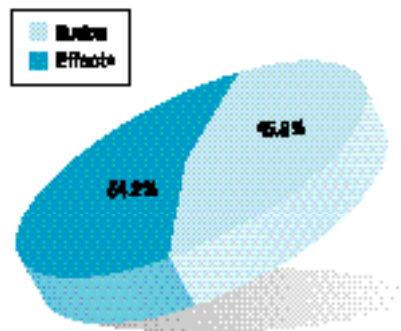
가 6.1%
 'Custom Tool'
 , Map Editor'
 29.5%, 'Animation Editor' 가 25.3%,
 Sprite Editor 가 22.8%, 'Data Converter'
 가 22.4%
 가
 52.3%(197 103)
 , 4 가 26.4%

< 5-6-3-08> Custom Tool (N=312,)



< 5-6-3-09> (N=72)

< 5-6-3-10> (N=45,)



'Illusion' 45.8%
 , Effect+' 54.2%
 25.9% ,
 가 10.7%
 'Edit' 가 66.7%, 'Cumbustion'
 33.3% , 가
 가 10% ,
 가 12.7%

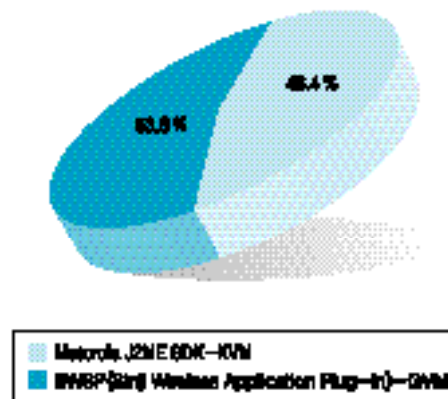
Application Plug-in)-GM' 53.6%
 가
 가 10.7%(197 21) ,
 가 7.1%

'Playstation2' 가 49.5% 가
 'X-Box' 가 17.6%, 'Playstation'
 13.2%, 'GameCube' 가 11%, 'Saturn'
 5.5%, Nintendo64가 3.3%

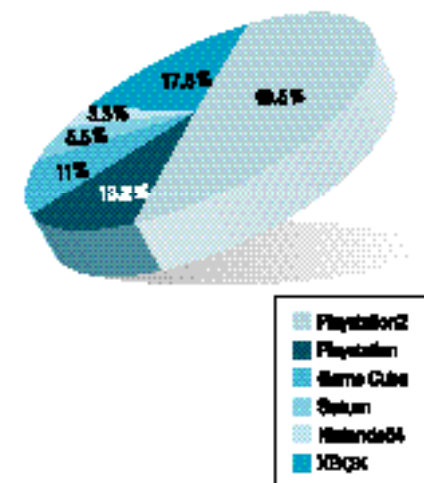
3.
 25.8%(197 51)
 . 1 가 15.7%, 2
 가 5.1%, 3, 4
 가 2% , 6
 가 1%

'Develope
 Kit for Mobile'
 'Motorola J2ME SDK - KVM'
 46.4% , 'SWAP(Sinji Wireless

< 5-6-3-11> Develope Kit for Mobile (N=45,)



< 5-6-3-12> Develope Kit for Console (N=91,)



5

