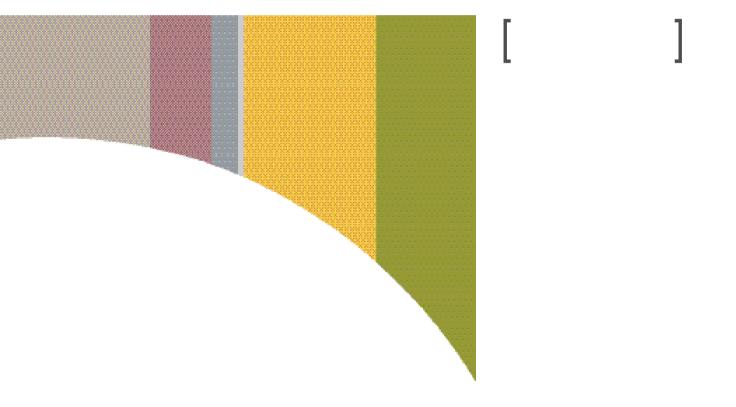
Korean Coastal and Offshore Fishery Census







가 240

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2004. 12.



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EEZ 2002 2004

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가 EEZ

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)					()	 	 70
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2)		79
가)		79
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3)	(,)	97
가)		97
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)		103
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)		111
)		113
4)		116
가)		116
)		118
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)		122
5)		124
1)		126
2)		
_,		
가.		
1)		135
2)		136

1)			138
2)			139
3)			140
4.			
가.			
1)			175
가)			175
)			176
)			180
2)			186
가)			186
)			187
)			192
)	가	가	198
3)			202
가)			202
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1)			21 ²
フ ト)			21 ²
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)			218
)		가	22 ⁻
2)			227
ァ フト)			227
)	가		228
)			23
)		가	235

CHAPTER 1

2.

3.

4.

1. 가 .

1.		가		•								
	가							가				가
	20	003	12	31 ,			2002		20	03		•
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가					((CPUE)						
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	2003	12								가		
						•						

2002 10 2004 6 (Mitutoyo, CD-15) (Sartorius, M-5500S) 0.01g 0.1cm (immature), (maturing), (mature), (spent) 4 (gonadosomatic index : GSI) / **×**100 (W)×)] (w)/ (w Gilson (Love and Westphal, 1981) 가 1cm logistċ , 50% 3. 가.

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4.

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가.

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CHAPTER 2

1. 가 .

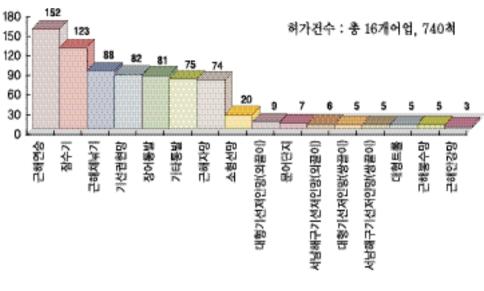
3.

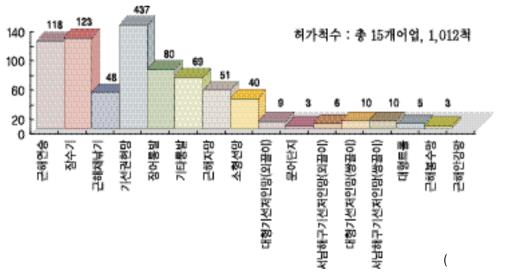
2.

1.

가

가.





1-1. 가

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21 1. 가 .

- 1	- 1			
1	- 1	1.	:	١
		•		,

	1998	1999	2000	2001	2002	2003	
	198,954	175,578	145,558	168,346	161,701	180,590	171,788
	107,343	89,704	74,548	89,949	87,233	120,167	94,824
()	40,968	47,382	42,341	42,989	36,678	27,985	39,724
	13,577	10,363	9,088	10,509	4,682	6,970	9,198
	10,792	8,095	2,032	6,384	8,451	3,558	6,552
	4,716	5,458	5,349	5,106	4,836	4,381	4,974
	3,081	2,546	1,650	1,667	10,835	9,231	4,835
	7,289	2,026	3,377	4,043	2,916	2,029	3,613
	4,368	2,722	1,597	894	2,333	2,589	2,417
	2,018	2,775	1,780	3,993	2,236	1,432	2,372
	2,173	2,483	2,826	1,655	376	1,872	1,898
()	1,564	1,102	221	244	320	276	621
()	453	392	352	387	358	34	329
()	453	392	352	387	358	34	329
	159	138	45	139	89	32	100

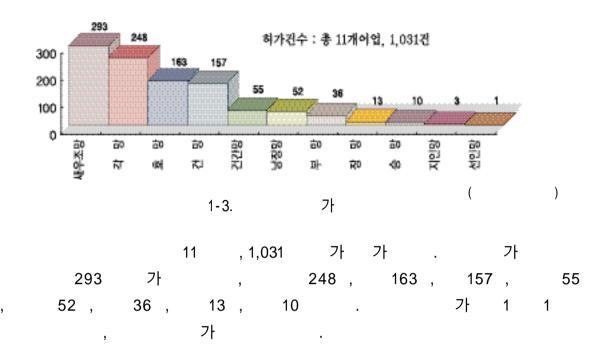
•

허가건수 : 총 6개어업, 22,769건 11,737 20000 6,165 151 12000 4000 양안성망) 가 1-2. , 22,769 가 가 가 6 11,737 가 6,165 , 4,661, 48 , 7 151 ,

1-2. (:) 1998 1999 2000 2001 2002 2003 13,824 9,117 12,647 11,668 11,832 16,187 12,546 9,537 5,868 8,814 7,554 7,493 6,184 7,575 3,313 2,916 3,268 2,472 3,160 2,628 2,960 0 0 0 0 0 6,347 1,058 68 982 864 786 557 1,620 1,173 144 264 0 20 0 6 72 2 1 8 6 40 17 44

(1998~2003) 2003 16,187 가 ,1999 9,117 가 ,2000 12,647,2001 11,668, 2002 11,832 . 6 , 7,575 가 , 2,960, 1,058 .

23 1. 가 .



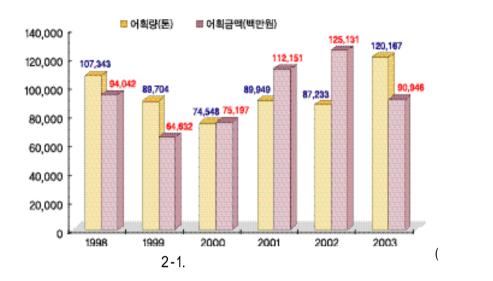
2003 202 , 1,820ha 가 가 .

1,753 , 67,119ha .

가.

1)

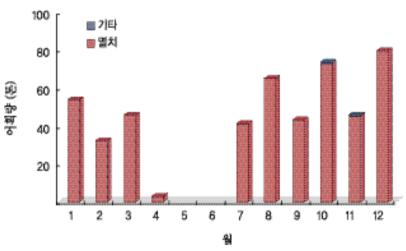
가)



. 2003 120,167

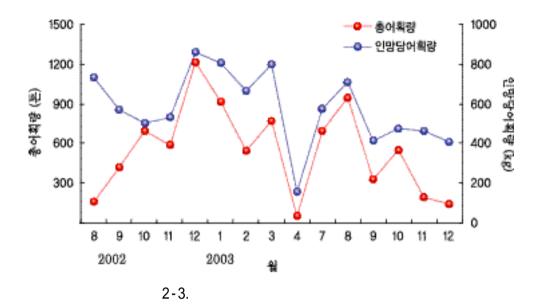
)

가 , 2000 74,548 가 , 2002 가 .



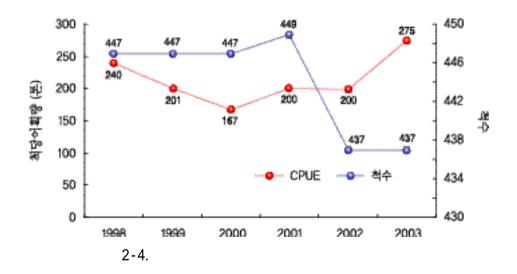
⅓ () 2-2.

2003 12 85 가 , 4 가 . 5~6 .

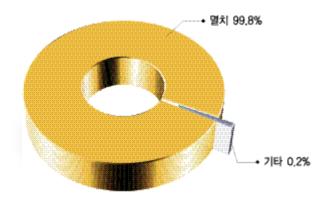


(CPUE) . 2002 0.6 , 2003 0.5 . , 2002 12 가 ,

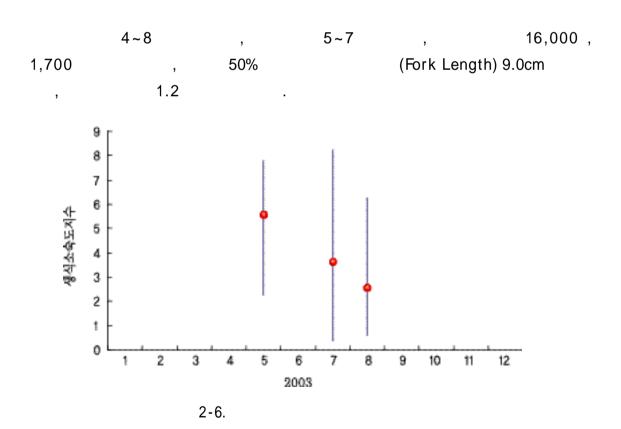
.

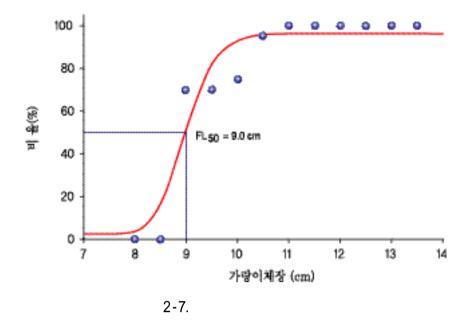


(CPUE) . 2003 275 가 , 2000 167 가 . 2003 437 2001 .

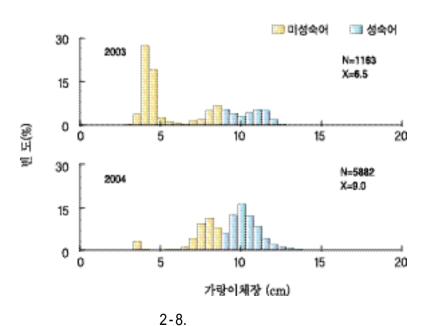


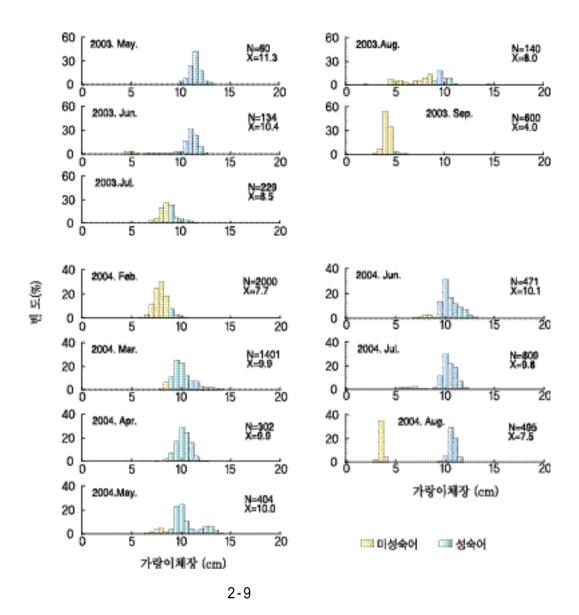
가 99.8%





2003 (가) 6.5cm (1,163) , 2004 9.0cm (5,882) . 2003 (가 9.0cm) 44.8% , 2004 35.3% . 2003 7~9 , 가





(CPUE) 가

12,000 (10,678 ■ 어확금액(백만원) 10,000 8,000 - 7,289 6,000 4,043 3,112 3,377 4,000 2,916 2,026 2,029 2,000 0 1998 1999 2000 2001 2002 2003 (2-10.

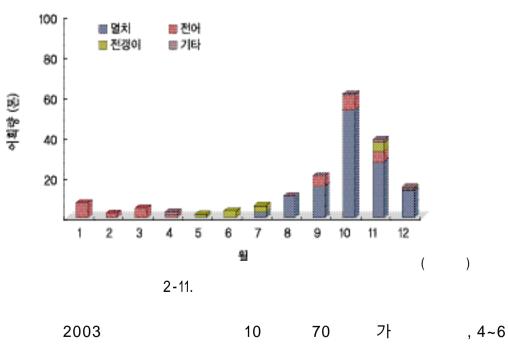
. 1998 7,289

)

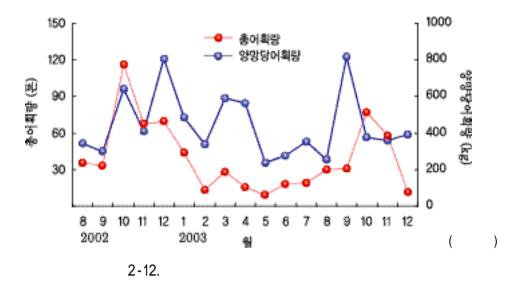
가 , 1999 2,026 가 .

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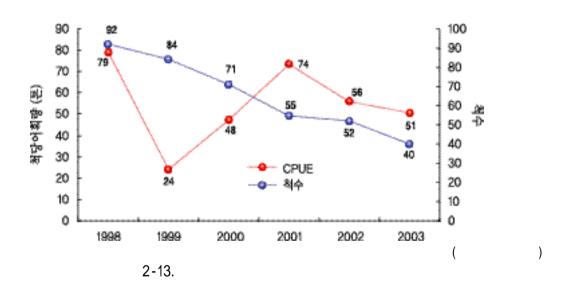
)



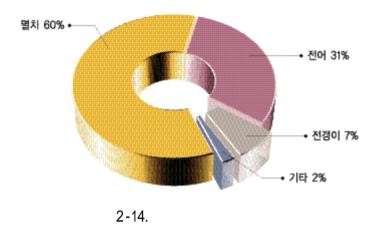
. 가 가 , , 가



(CPUE) ,
. 2002 0.5 , 2003 0.4 .
, 2002 2003 9~10 가

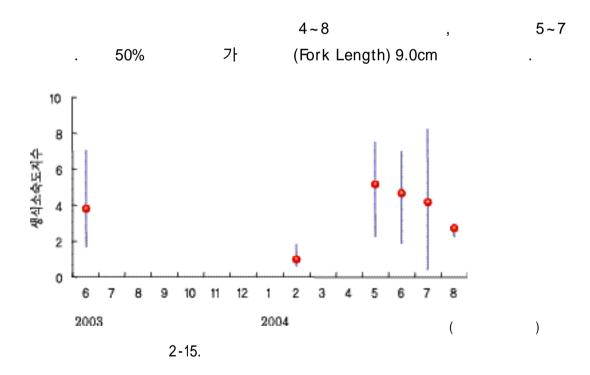


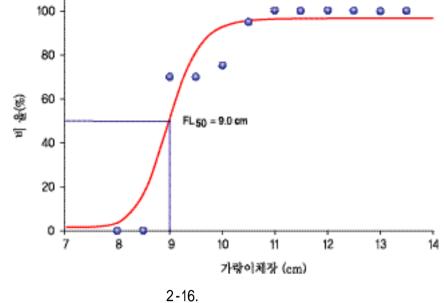
(CPUE) . 1998 79 가 , 1999 가 . 1998 92 2003 40 .



가 60% 가 ,

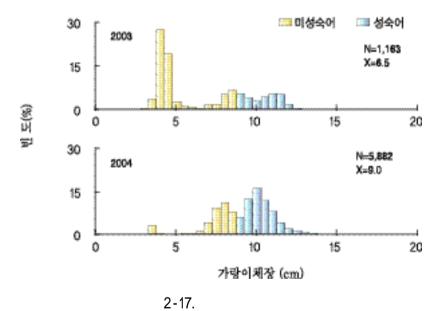
, ,

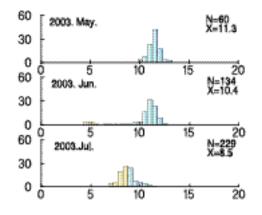


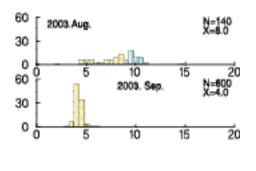


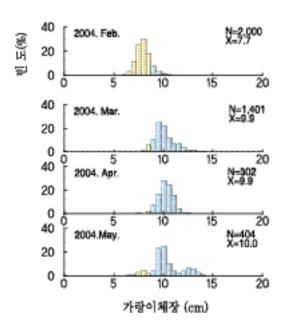
10.

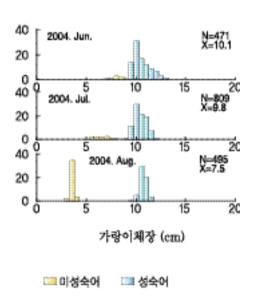
2003 (가) 6.5cm (1,163) ,2004 9.0cm (5,882) . 2003 41.7% ,2004 226 25.3% . 7~9 가 ,3~7 가



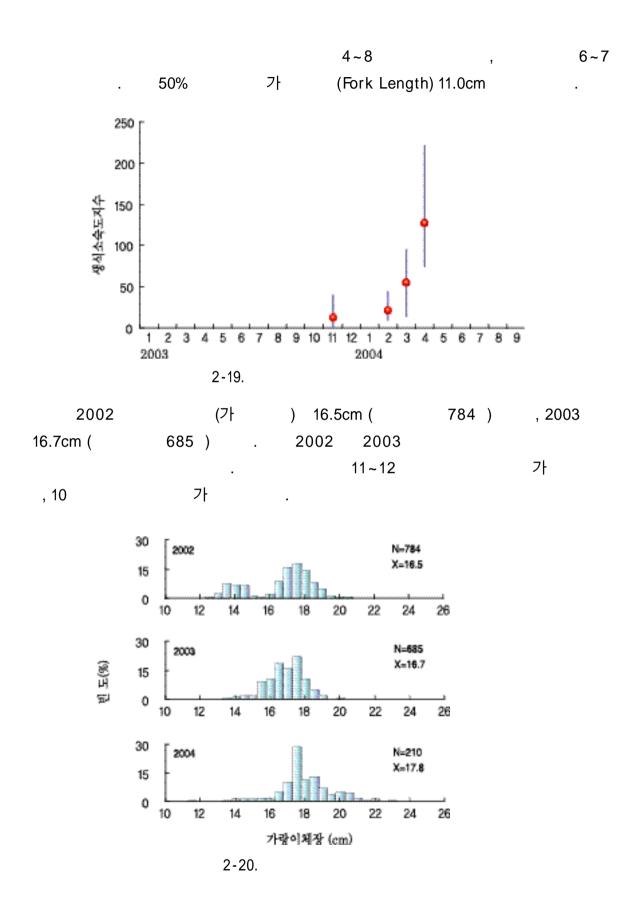


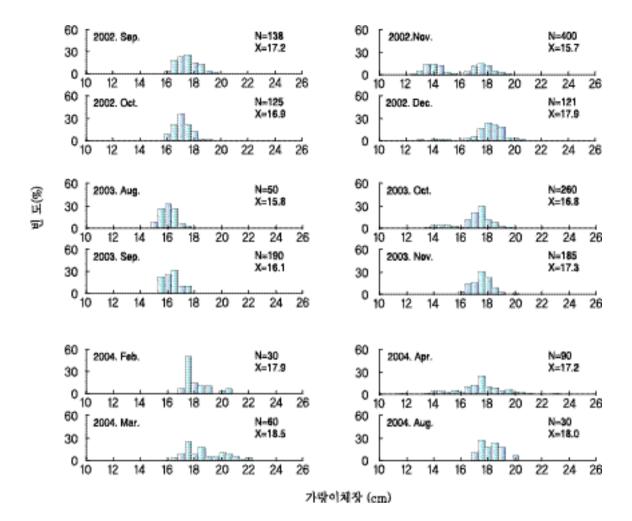






2-18.



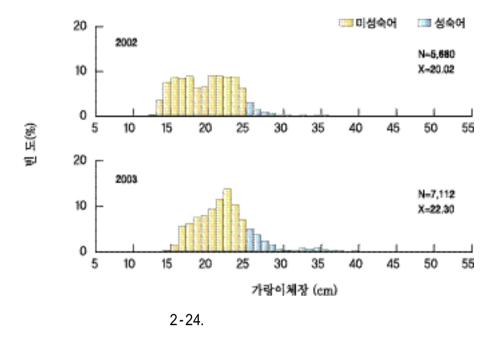


2-21.

3~5 , 3~7 627,061 (FL 40.6cm), 33,493 (FL 27.0cm) 50% 가 (Fork Length) 24.8cm 2.7 12 10 생식소속도지수 2 9 11 3 1 2003 2004 2002 2-22. 100 -80 60 40 20 20 22 24 26 28 30 32 2-23. 20.02cm (5,680) , 2002 가 7,112) 2003 22.30cm (91.4% , 2003 5,775 5,197 81.2%

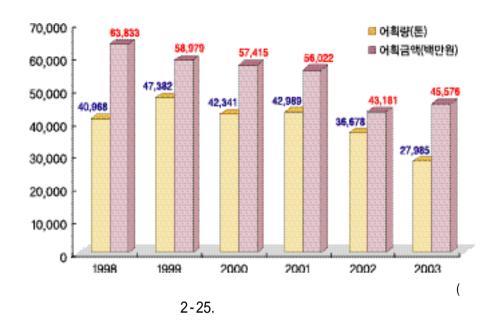
2002 2003

37 **2**.



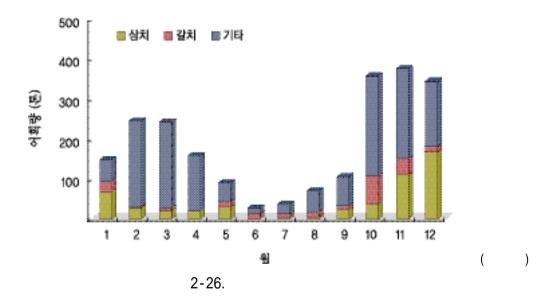
(CPUE)

) ()

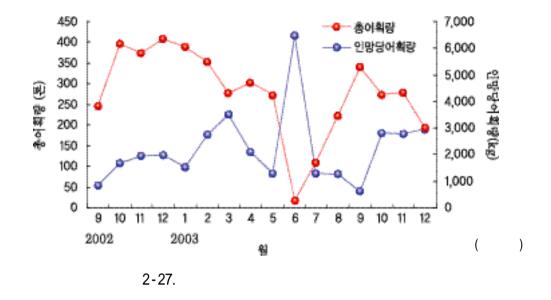


() . 1999 47,382 가 , 2003 27,985 가 , 1998 가 .

)

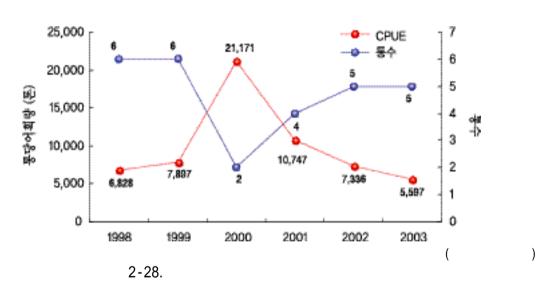


2003 11 400 가 , 6 가 . 가 .



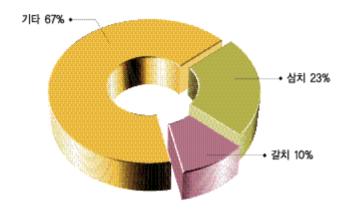
() (CPUE) .

2003 6 . , 2003 6 가 ,



() (CPUE) . 2000 21,171 가 ,2003 5,597 가 . 2003 5 2000 2 가

.



2-29

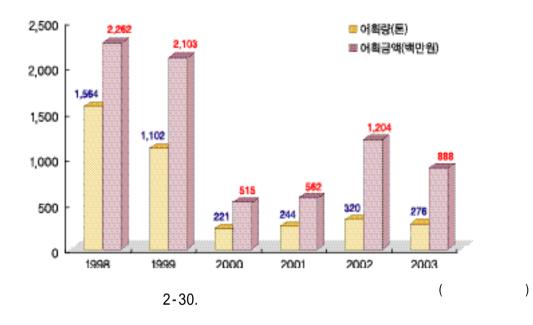
가 23% 가 , 가 10%

() .

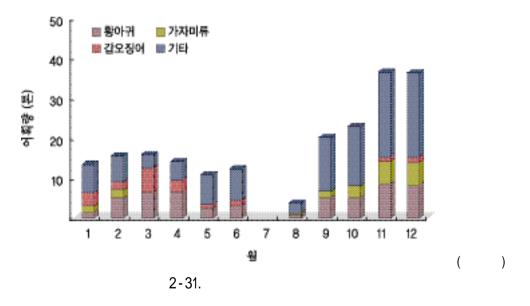
() (CPUE)

•

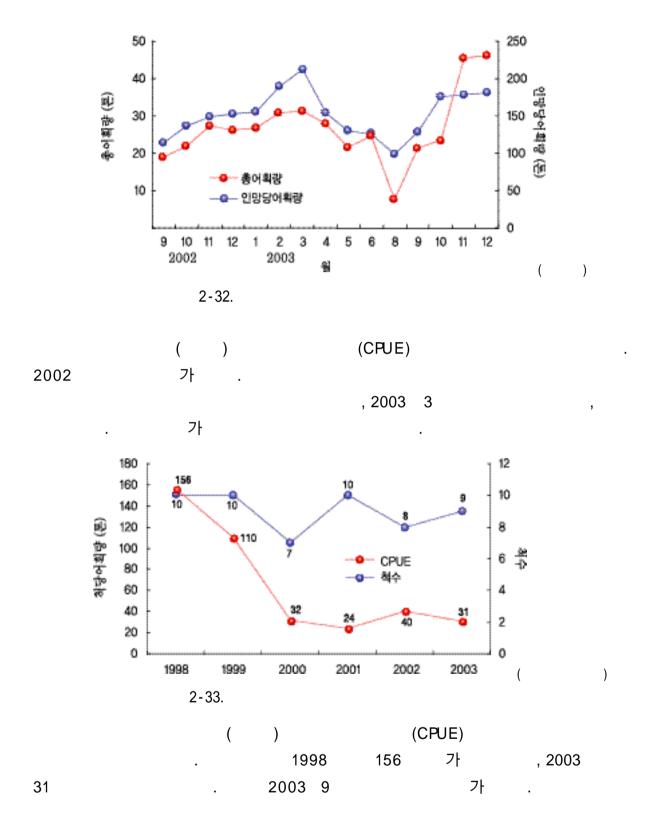
) ()



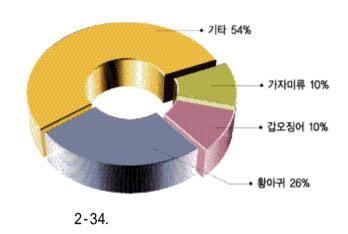
() . 1998 1,564 가 , 2000 221 가 . 1998 가 .



2003 11~12 40 가 , 7 . 가 가 .



43 2.



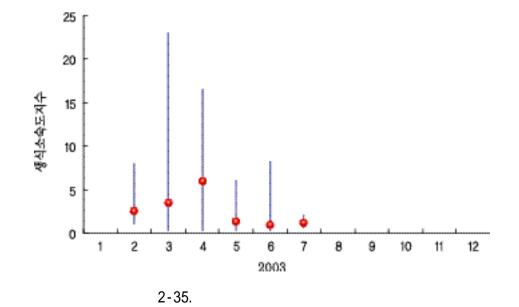
가 26% 가 , 가 가 10%

, 가

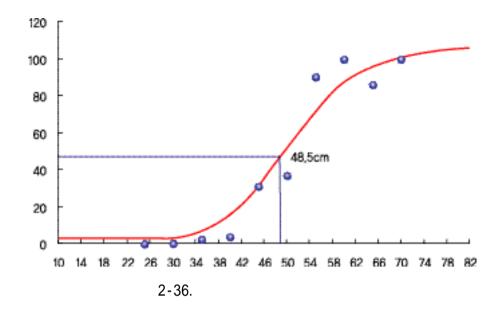
()

1~5 , 2~4 , 1,874,560 , 369,570 , 50% (Total Length) 48.5cm

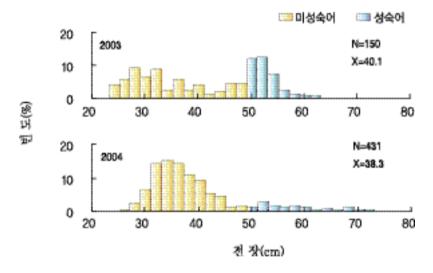
, 3.5 . (10tal Leligtii) 46.3ciii

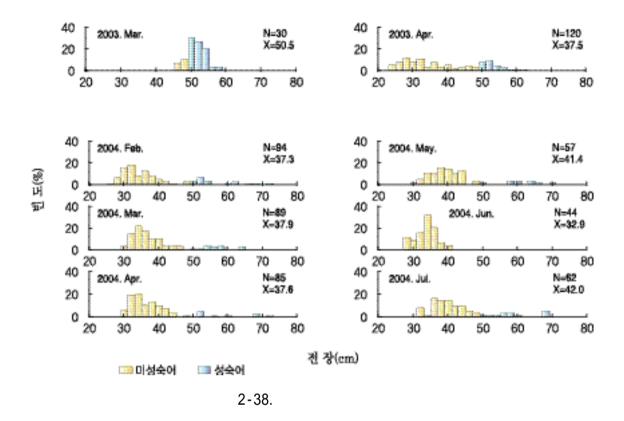


44



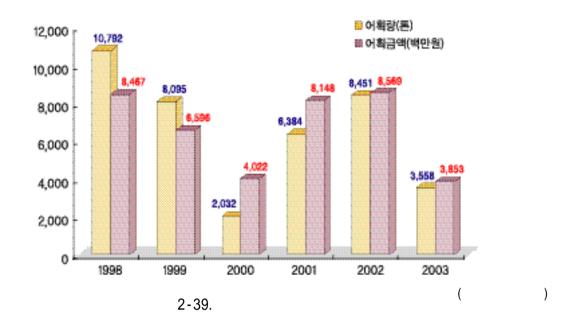
2003 () 40.1cm (150) , 2004 38.3cm (431) . 2003 (48.5cm) 63.2% , 2004 73.3% . 2003 2~7 .





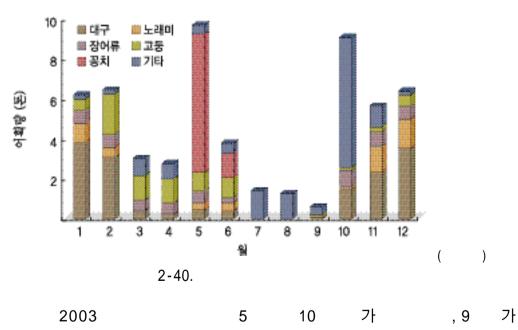
(CPUE)

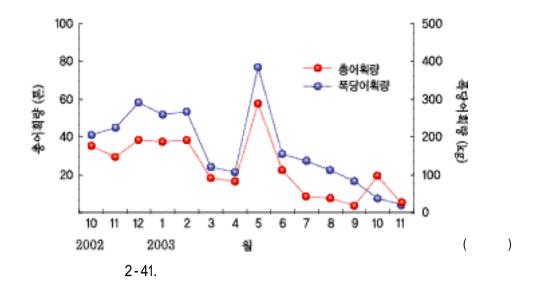
)



. 1998 10,792 가 , 2000 2,032 가 , 2002 가

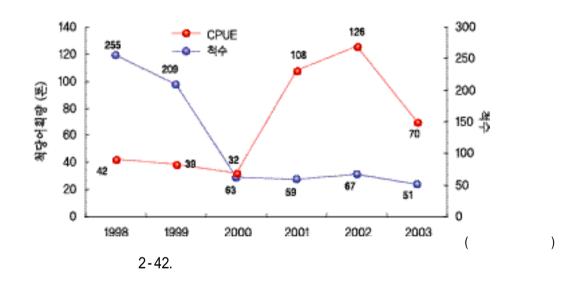
.





(CPUE) . 2003 5 . , 2003 5

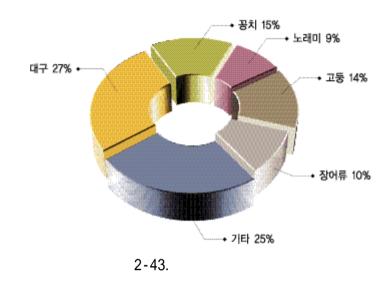
가 , .



(CPUE) . 2002 126 가 , 2003 70

. 2003 51 .

가 27% 가 , , ,

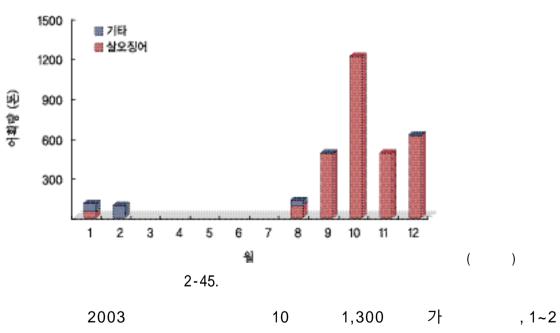


(CPUE) 2002

20,000 f 18,948 😇 어희랑(돈) 18,000 ■ 어획금액(백만원) 16,000 13,577 14,000 10,358 10,509 10,802 12,000 10,383 10,729 9,088 # 10,000 8,000 6,000 4,682 4,000 2,000 1998 1999 2000 2001 2002 2003 2 - 44.

)

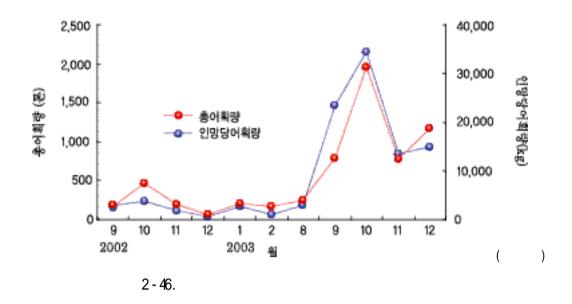
. 1998 13,577 가 , 2002 4,682 가 , 1998 가

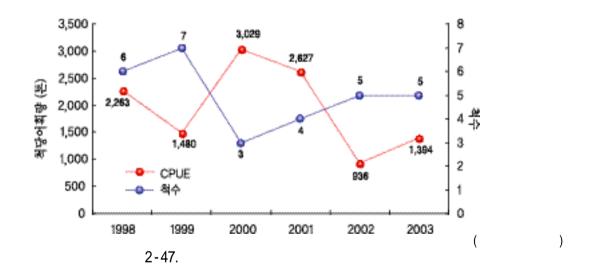


가 , 3~7 . 가

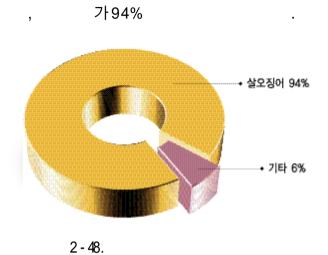
50

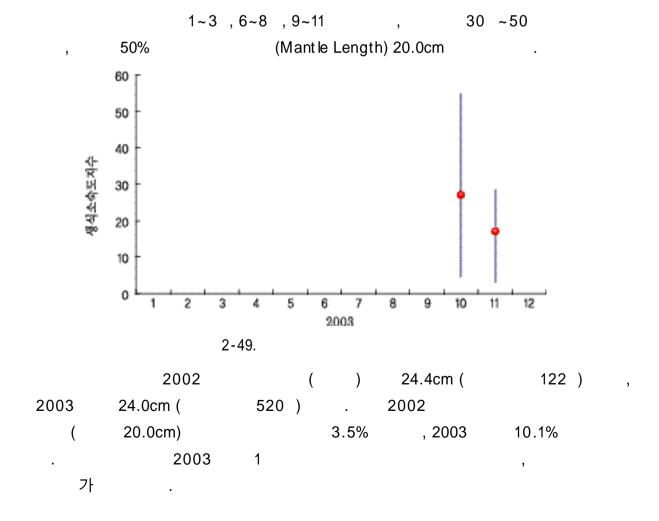
)

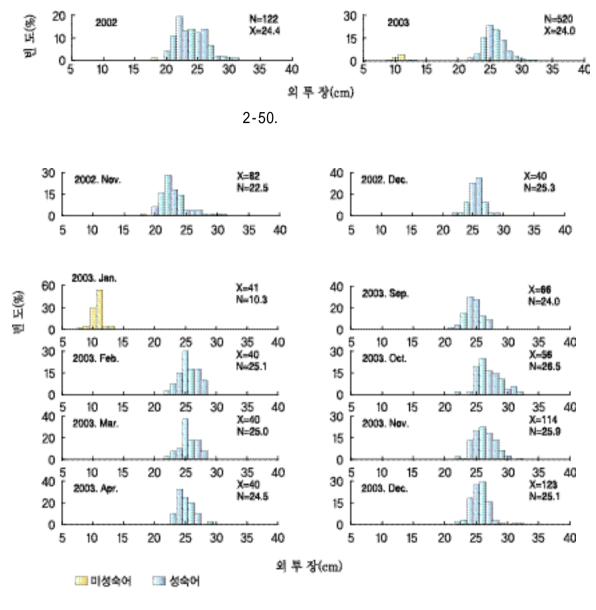




(CPUE) . 2000 3,029 가 ,2002 936 가 . 2003 5 .





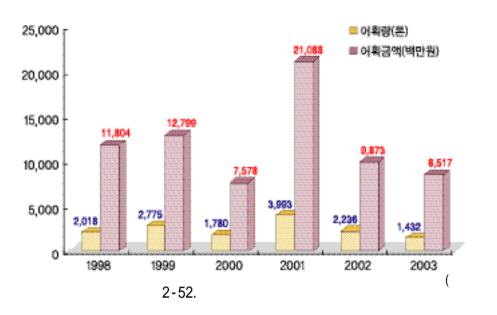


2-51.

(CPUE) 2002

가 .

)

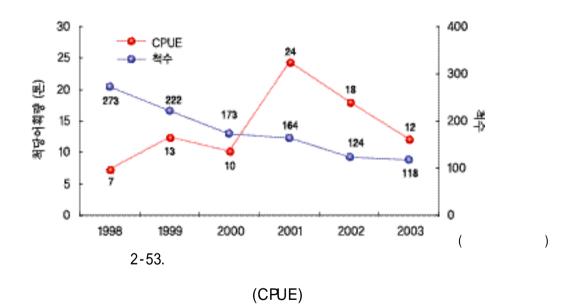


. 2001 3,993

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가 , 2003 1,432 가 , 2001 가

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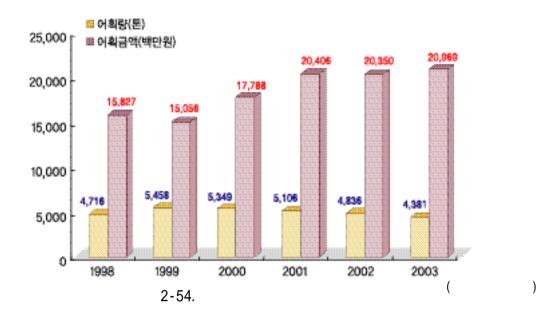


. 2001 24 가 , 1998 7 . 2003 118 .

CPUE

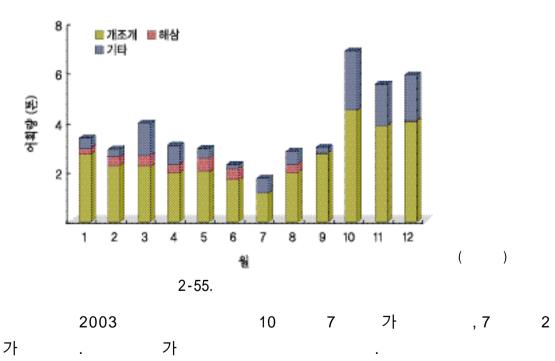
가

)

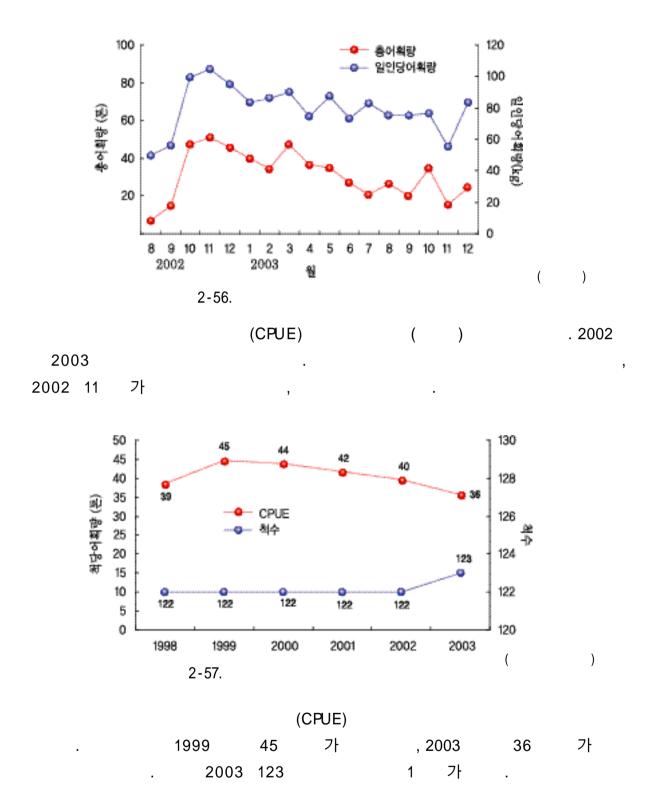


. 1999 5,458 가 , 2003 4,381 가 , 2003 가

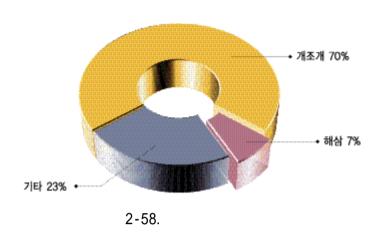
.



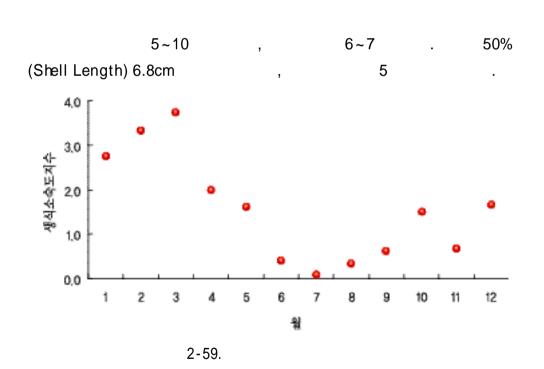
55 **2**.

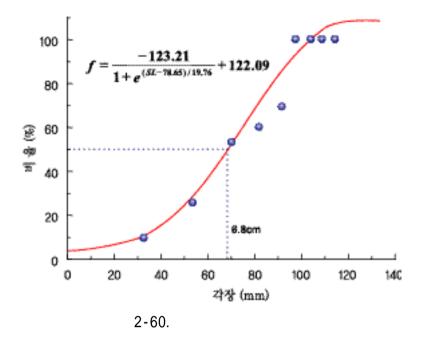


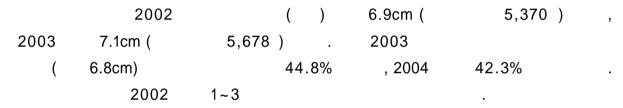
, 가70% , 7%

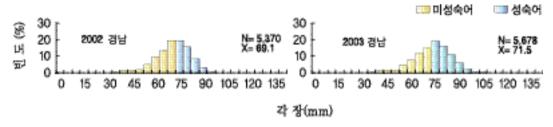


,

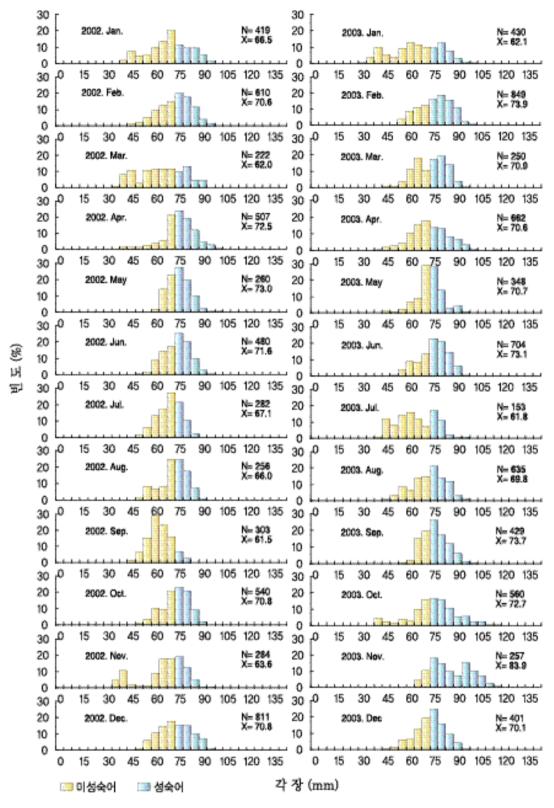








2-61.

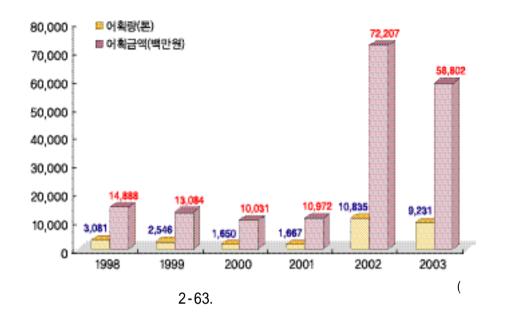


2-62.

(CPUE)

59 2.

) ()

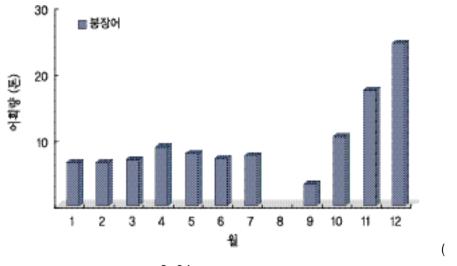


. 2002 10,835

)

가 , 1998~2001 .

2002~2003 가 .

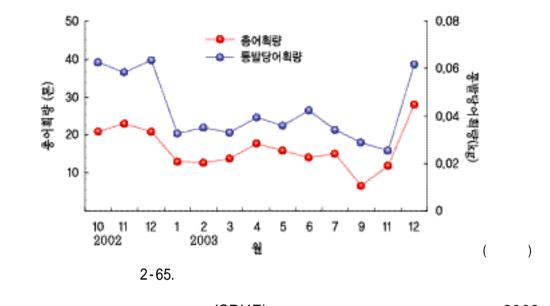


2-64.

2003 12 27 가 , 8 . 가 .

60

)



(CPUE) . 2003

2002 .

2-66.

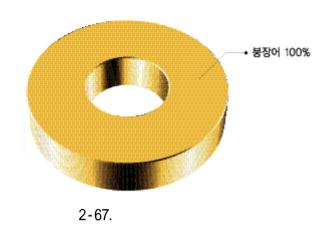
, 2002 12 가 가 2003 12 가 최당이희망 (돈) 100年

)

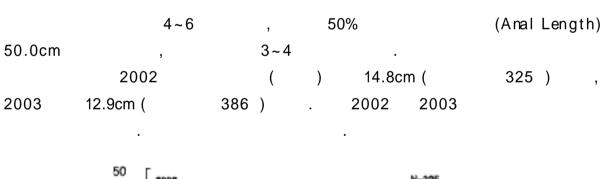
(CPUE) . 2002 132 가 , 1998~2001

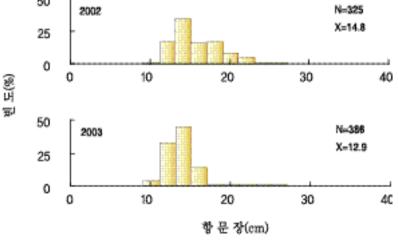
. 2003 80 .

, 가100%

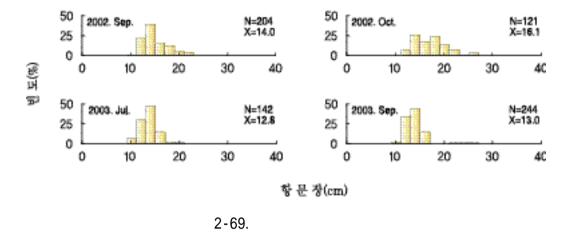


.





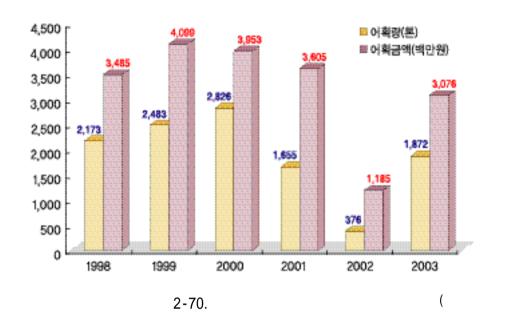
2-68.



(CPUE) 가

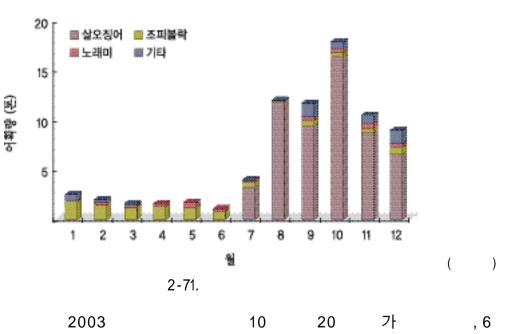
.

)



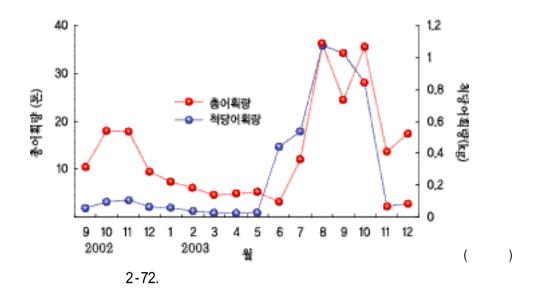
. 2000 2,826 가 , 2002 376 가 , 1999 가

.



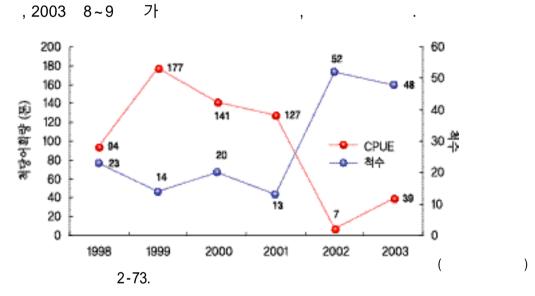
가 . 가 . .

)



(CPUE) . 2003

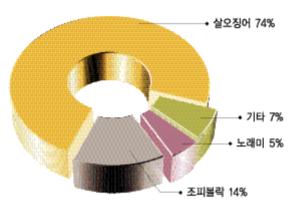
2002 .



(CPUE) . 1999 177 가 , 2002 7 가 . 2003 48 .

65 **2**.

가 74%, 14%, 5%



2 - 74.

(CPUE) 가

🛚 어희랑(톤) 2-75.

> . 1998 159 가 , 2003 32 가 . 2002 가

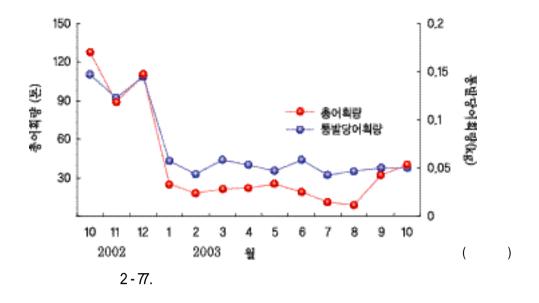
)

교 중상어 때 꽃게 때 수염고통 때 고통 때 기타 () 2-76. 가 , 7~8

5 가 .가 .

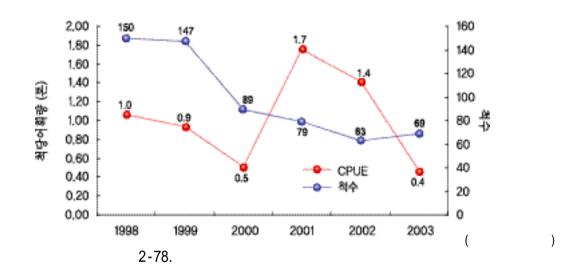
67 2.

)



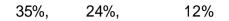
(CPUE) . 2003 2002 .

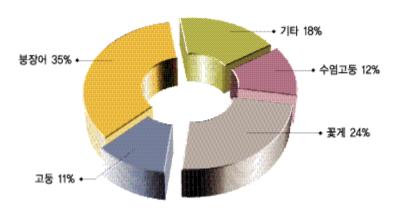
, 2002 10 12 가 , . .



(CPUE) . 2001 1.8 가 , 2000 2003

0.5 가 . . .

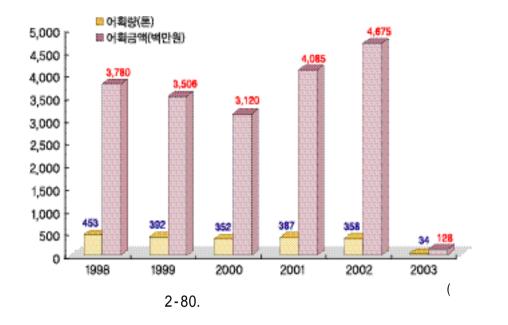




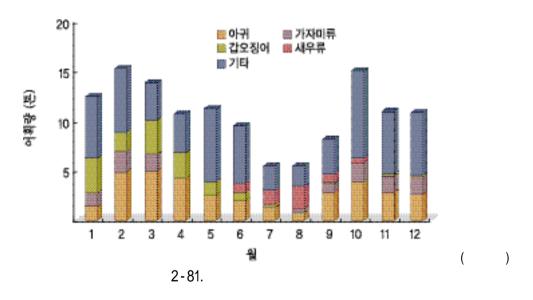
2-79.

(CPUE)

) ()

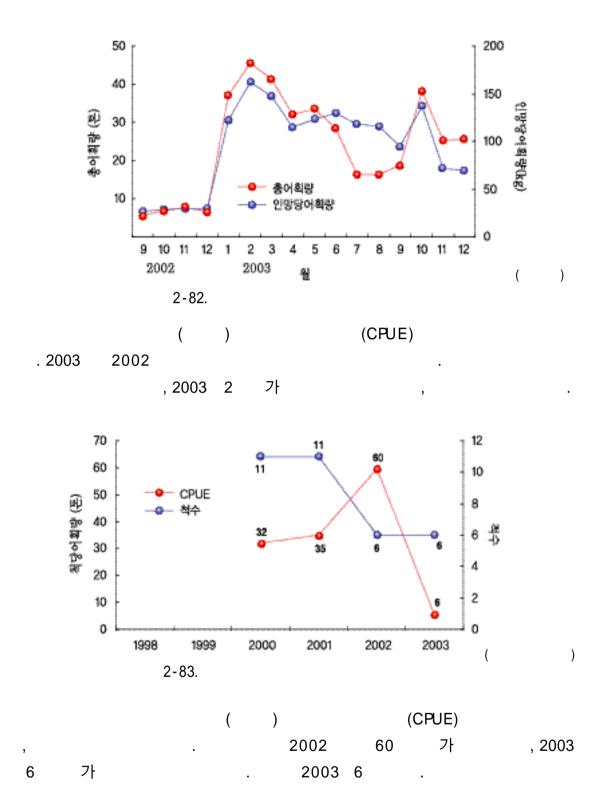


() . 1998 453 가 , 2003 34 가 , 2002 가 .



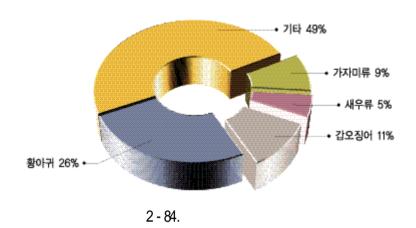
2003 10 17 가 , 7~8 가 . 가 .

)

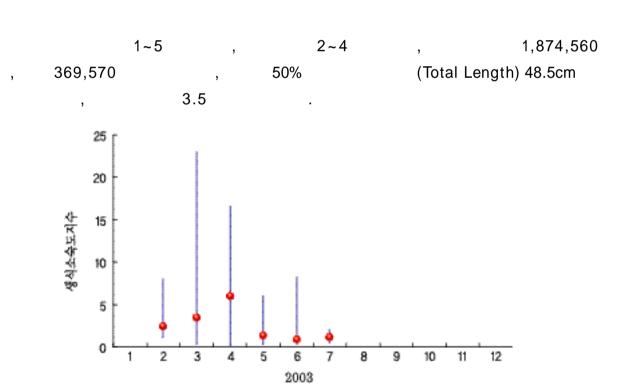


71 2.

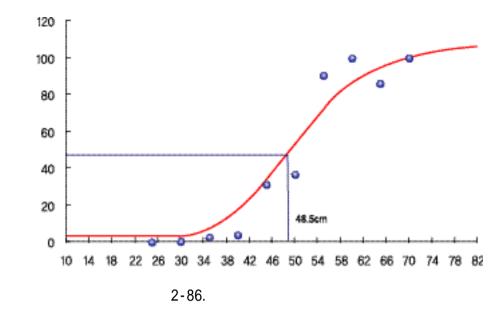
, 26%, 11%, 가 9% .



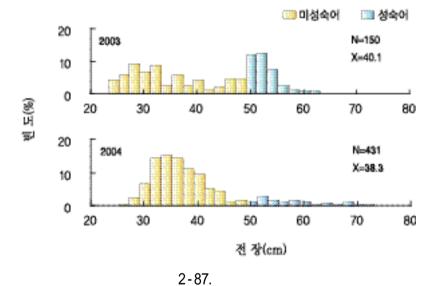
() , ,가 .

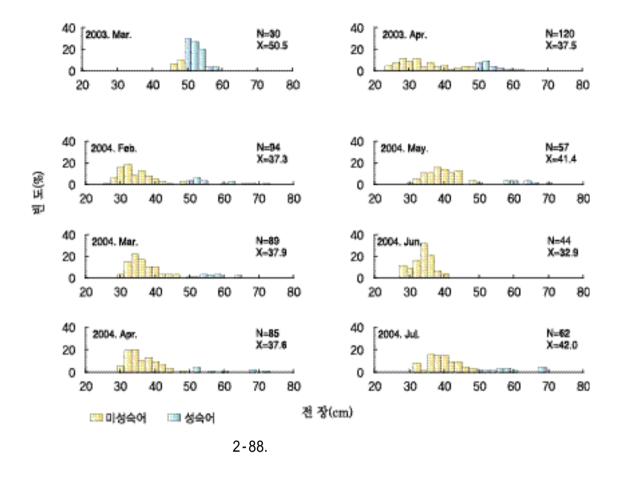


2-85.



2003 () 40.1cm (150) , 2004 38.3cm (431) . 2003 (48.5cm) 63.2% , 2004 73.3% . 2003 2~7 .



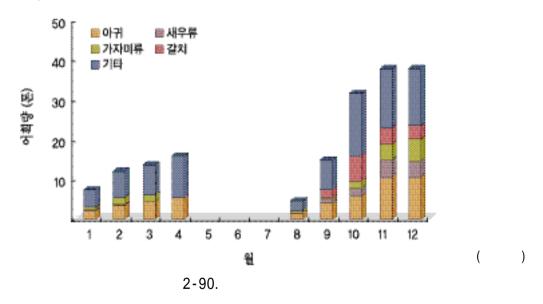


(CPUE)

) ()

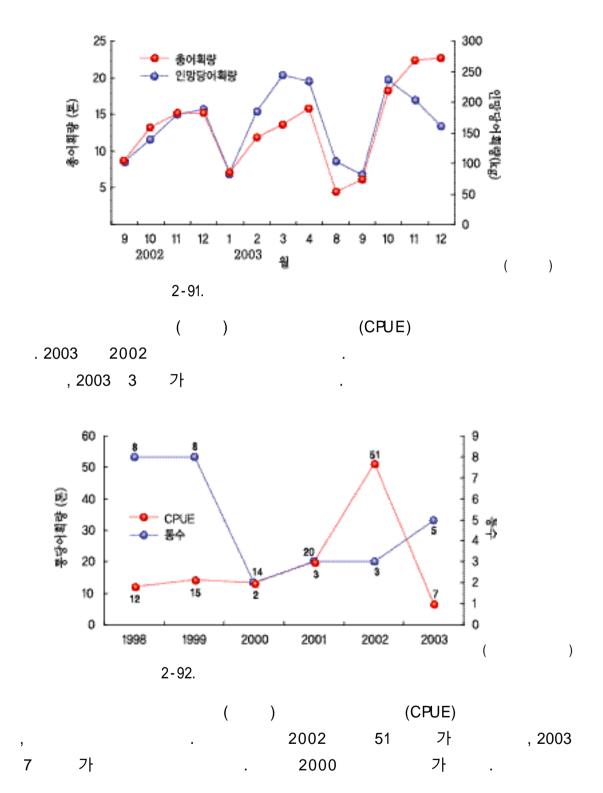
```
250 이희망(본)
200 이희감액(백만원)
150 - 100 - 133
150 - 100 - 1998 1999 2000 2001 2002 2003
2-89.
```

() . 2002 154 가 , 2000 27 가 , 2002 가 .

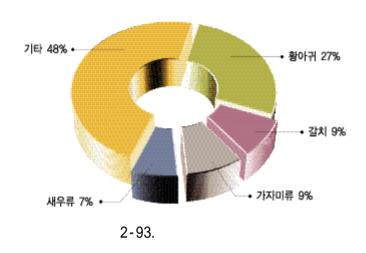


2003 11~12 45 가 ,8 가 ,5~7 . 가

.



, 27%, 9%, 가 9%, 가7%



(CPUE)

.

8 문어 발견 교고통어 보기타 6 방) 함 4 2

2-94.

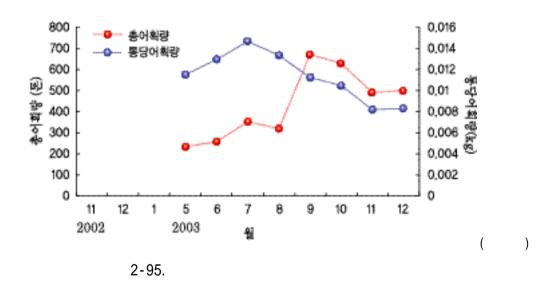
2

)

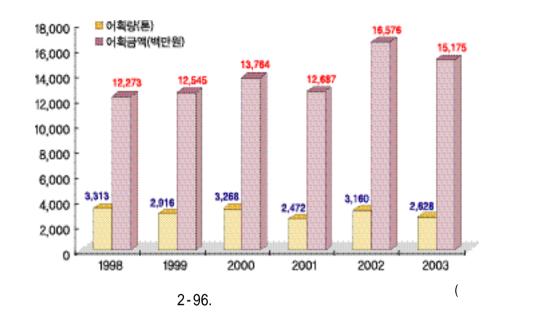
2003 10 7 가 , 5~9 , 가 .

8

9 10 11 12



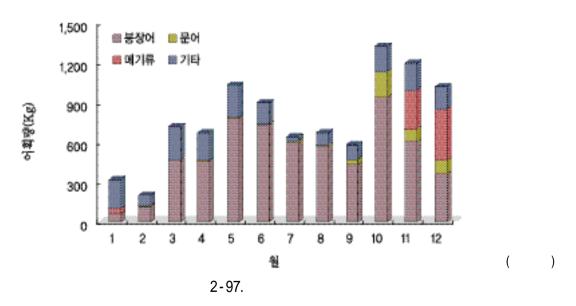
(CPUE) . , 2003 7 가 , 2) 가)



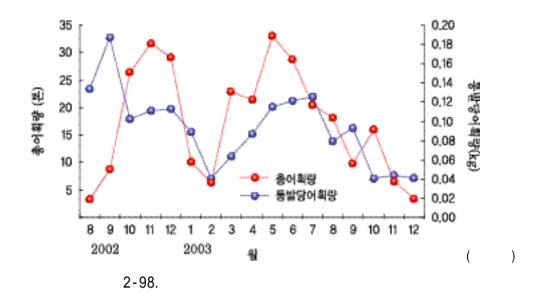
. 1998 3,313 가 , 2001 2,472 가 , 2002 가

)

.

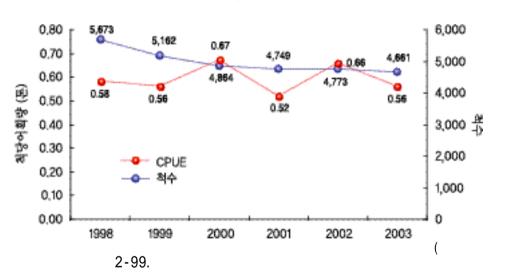


1.3 가 2 0.2 가 . 가



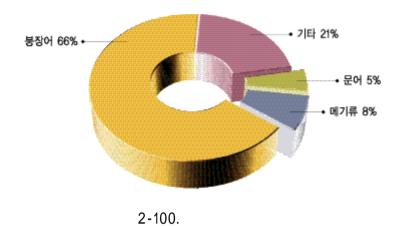
(CPUE) . 2003 2002 .

2003 9 가 , . .



(CPUE)
. 1998 5,673 2003 4,661 .
1998 0.58 ,1999 0.56 ,2000 0.67 ,2001 2002
0.52 ,0.66 가 ,2003 0.56

, , , , , ,

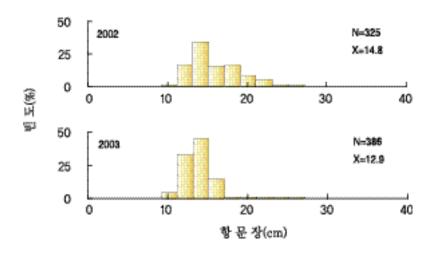


, 가가 66%

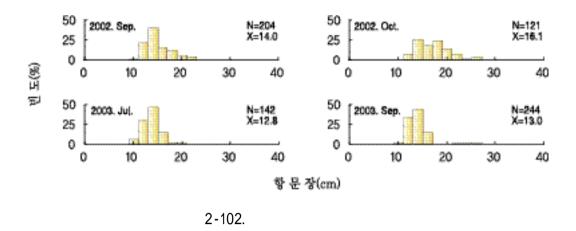
8%, 5% .

.

4~6 , 50% (Anal Length)
50.0cm , 3~4 .
2002 () 14.8cm (325) ,
2003 12.9cm (386) . 2002 2003



2-101.

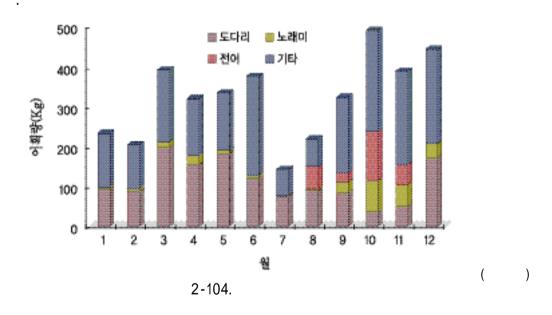


(CPUE) 가 가 , 가

🛚 어휘광(콘) 40,000 r ■ 어획금액(벽만원) 35,098 34,642 32,574 35,000 30,000 25,000 20,000 15,000 9,537 8,814 7,554 7,493 10,000 6,184 5,868 5,000 0 1999 1998 2000 2001 2002 2003 2-103.

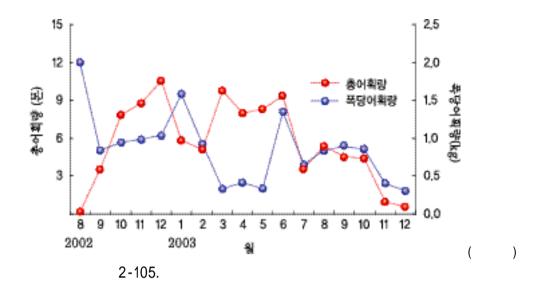
. 1998 9,537 가 , 1999 5,868 가 , 2000 가

)



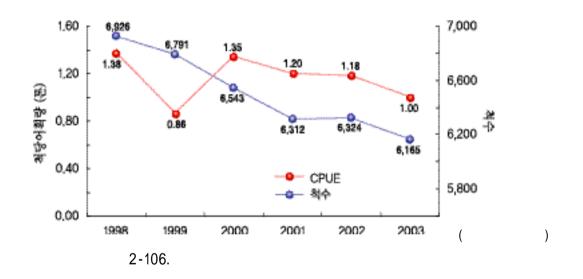
2003 10 0.5 가 7 0.15 가 . 가

83 2.

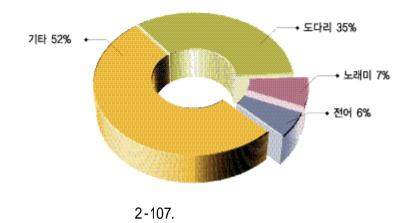


(CPUE) . 2003 2002 . , 2002 8

가 , .



(CPUE)
. 1998 6,926 2003 6,165
CPUE 1998 1.38 ,1999 0.86 ,2000 1.35 ,2001 2002
1.20 ,1.18 .



, 가가 35%

, , .

(CPUE)

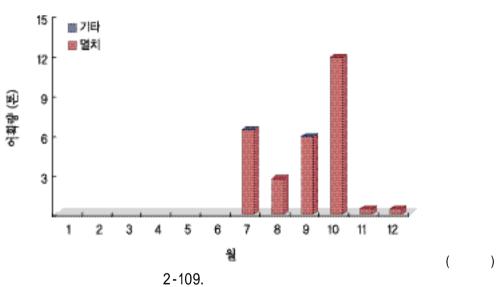
600 이희랑(쿈) 500 - 400 - 250

300 200 100 1998 1999 2000 2011 2002 2003 2-108.

. 1998 44 가 , 1999~2002 , 2003 40 가

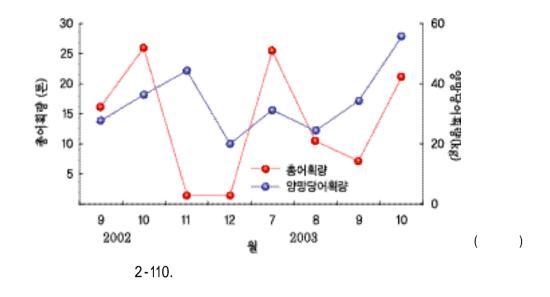
2003 가 .

)

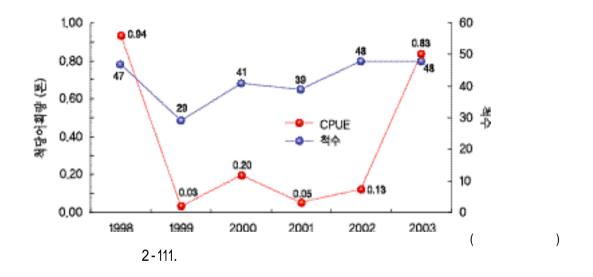


2003 10

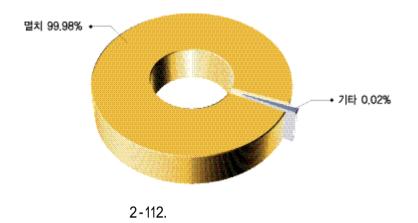
12 가 , 11~12 . 1~6 .



(CPUE) . 2003 2002 가 . , 2003 10 가 .



(CPUE)
. 1998 47 1999 29 ,
가 . CPUE 1998 0.94 ,1999 0.03 ,2002 0.13
2003 0.83 가 .



(CPUE) 가

50,000 대회왕(본) 대어화금액(백만원) 6,347

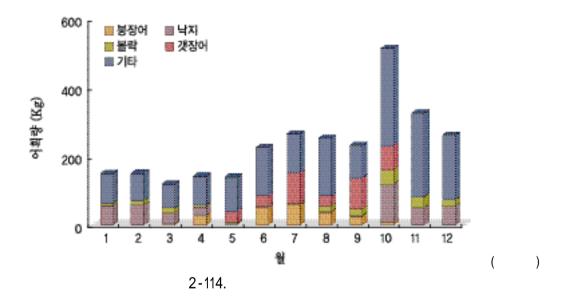
2001

. 2003 6,347 .

2003

)

2002



2003 10 0.5 가 , 1~5 .

89 2.

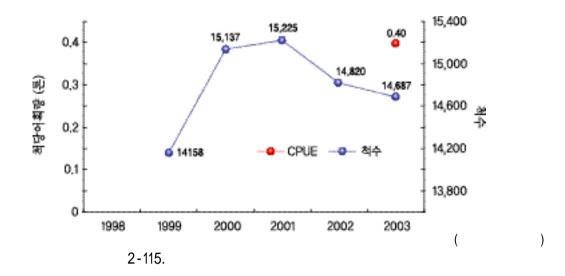
)

1998

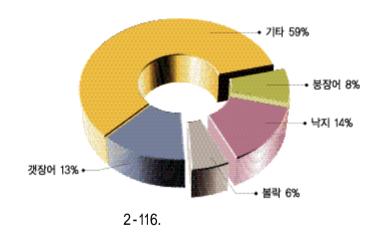
1999

2-113.

2000

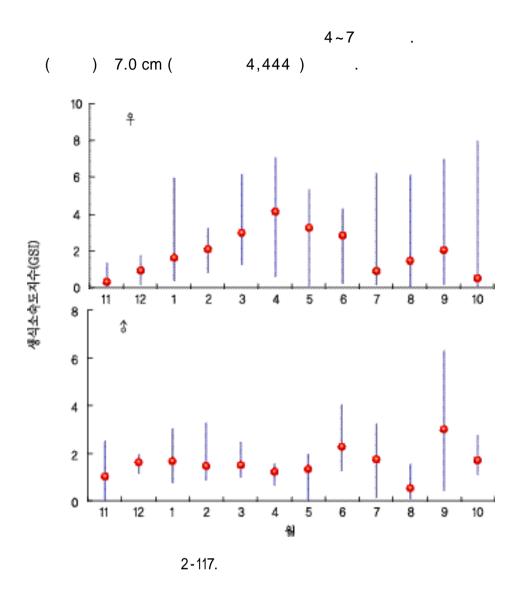


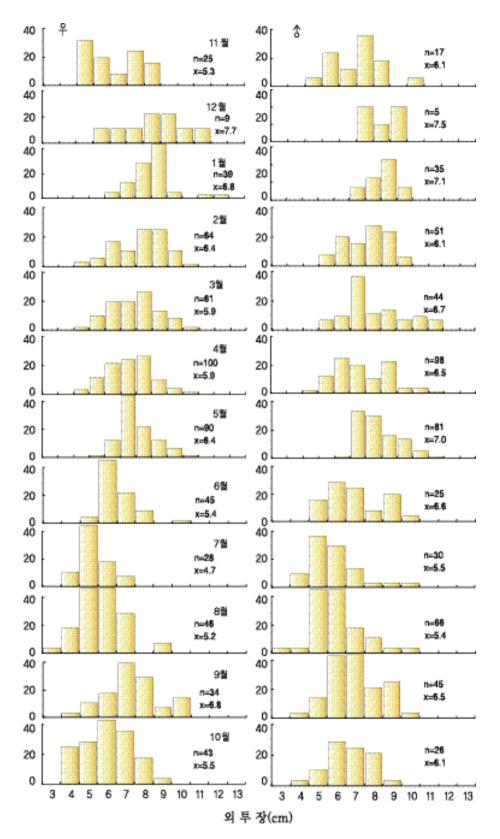
(CPUE) . 1999 14,158 가 2001 15,225 . CPUE 2003 0.40 .



, 가 14%, 13%, 8% .

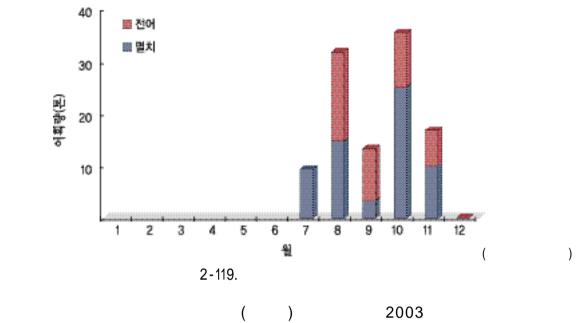
, ,



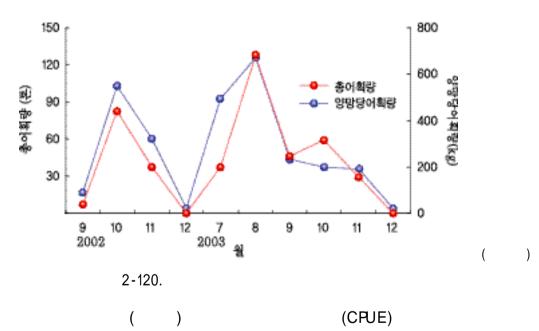


2-118.

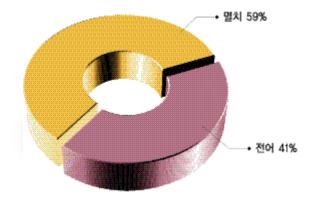
) ()



10 35 가 ,7 가 .1~6 .

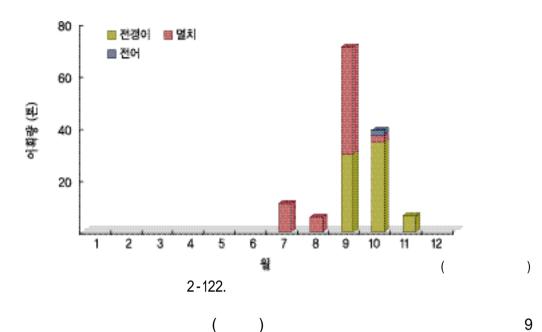


. 2003 8 가 , .

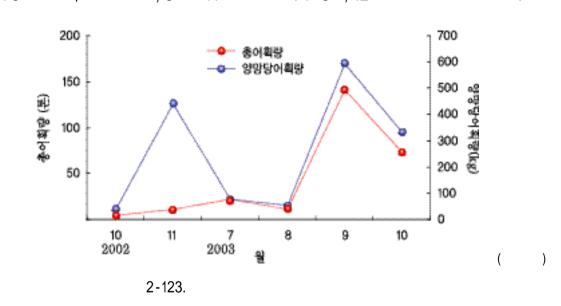


2-121.

) ()

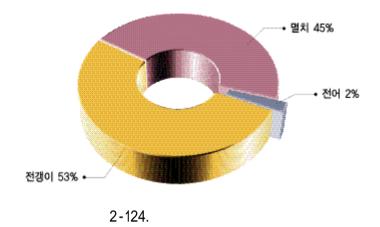


70 가 ,8 11 .1~6 ,12 .



(CPUE) . 2003 9 가 , 2002 10 가

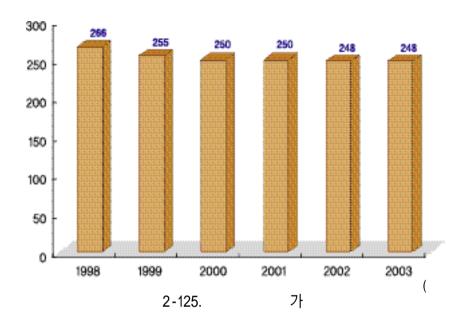
•

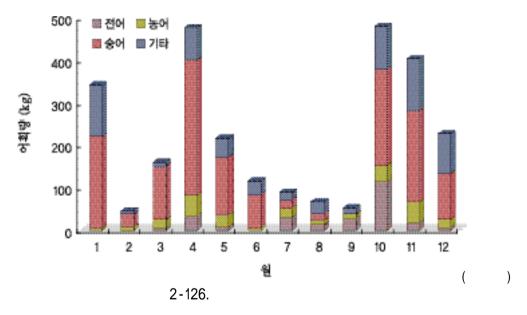


, ,

3) (,) 가)

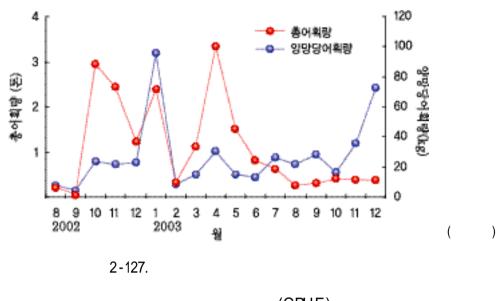
1998 266 , 1999 255 , 2000 250 , 2001 250 , 2002 248 , 2003 248 .





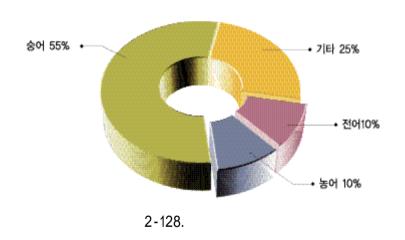
)

2003 4 10 0.5 가 ,2 0.07 가 .



(CPUE) . 2003 1 가 , 2002 9 가

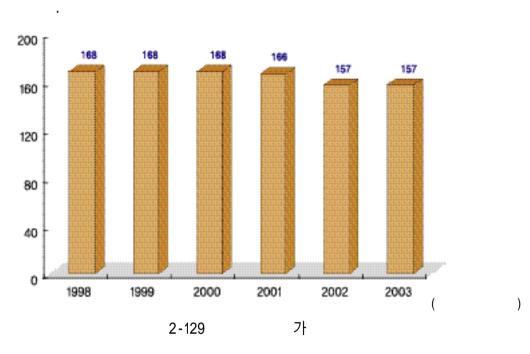
. 2000 1 71 , 2002 0 71

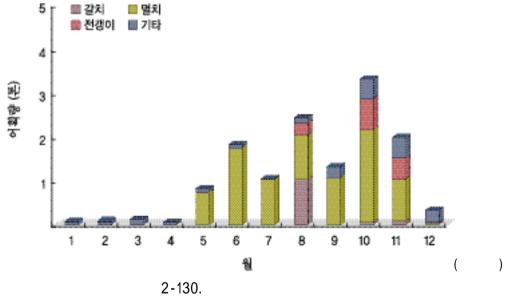


, 가가 55% ,

10%, 10% .

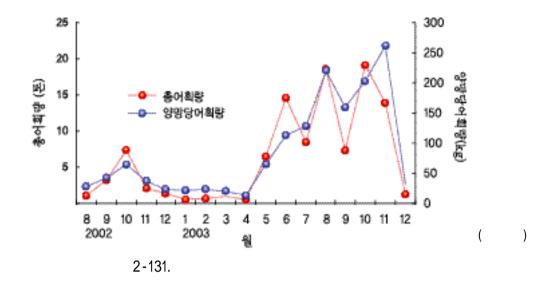
1998 168 , 2001 166 , 2002 2003 157





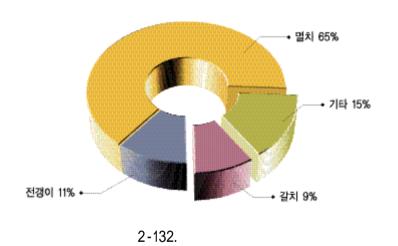
10 3.6

가 , 1~4 .



(CPUE) . 2003 11 가 , 2002

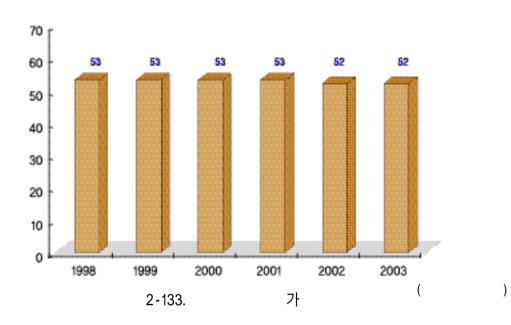
. 2003 11 /_F , 2002

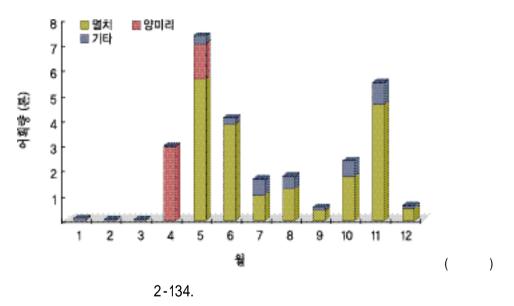


, 가가 65% ,

11%, 9% .

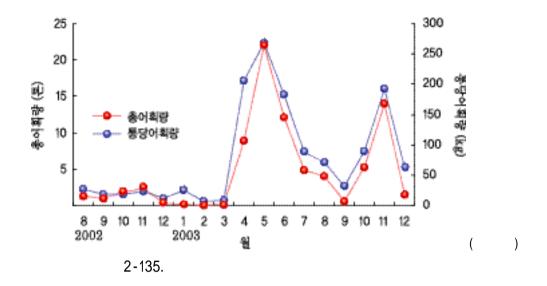
1998 53 2002 2003 52



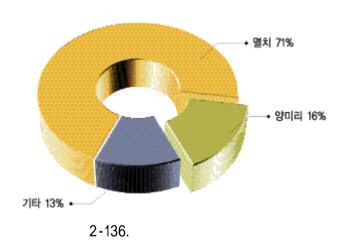


2003 5 7.5

가 , 9 가 . 1~3 .



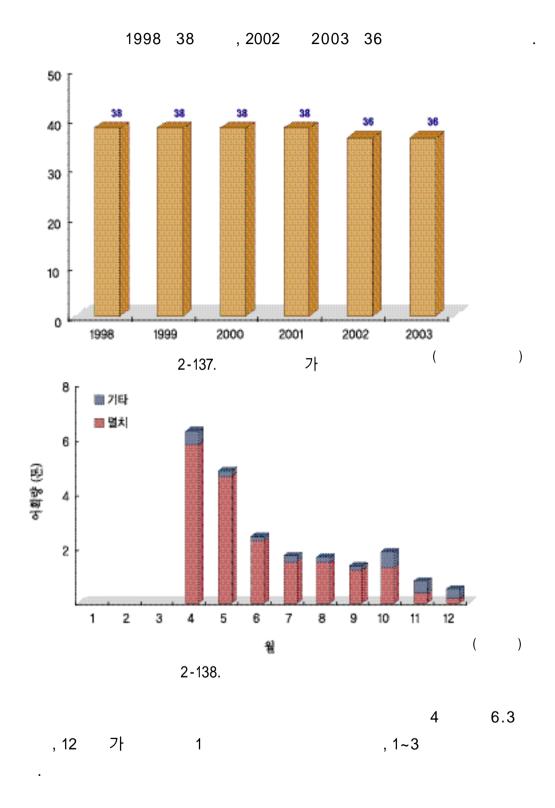
(CPUE) . 2003 5 가 , 2002 .



, 가가 71% ,

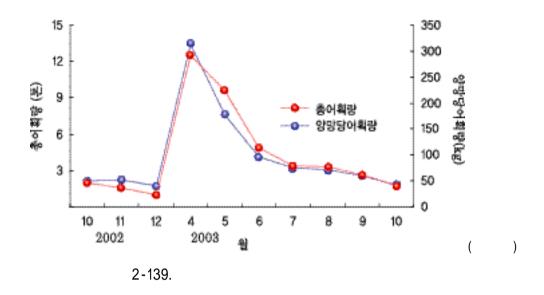
16% .

)



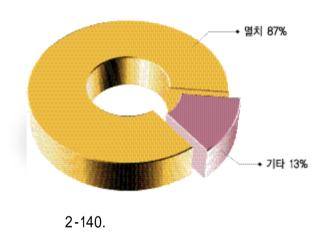
103 **2**.

가



(CPUE) . 2003 4 가 , . 2002

.



, 가가 87% .

2003 11 1.7 가 , 2 6 .

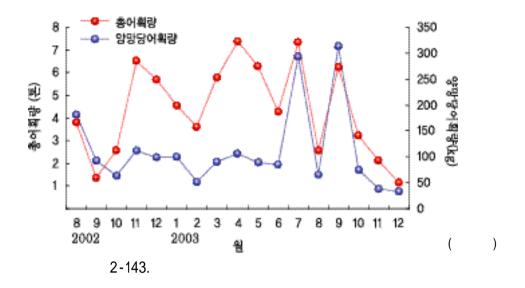
2-142.

읦

(

)

105 2.



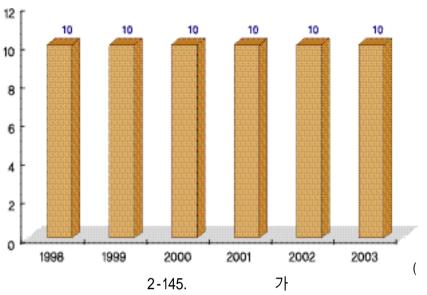
(CPUE) . 2003 7 9 가 , 2003 12 가

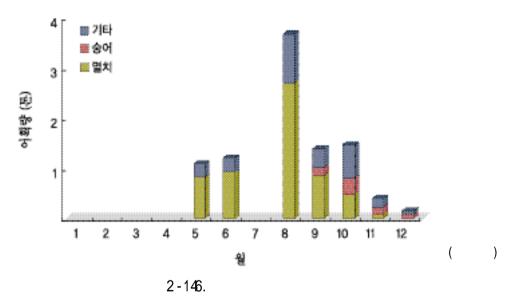
전쟁이 9% - 도다리 8% 멸치 16% 2 - 144.

, 가가 16% 9%, 8% .

106

1998 10 , 2003 10 가 .

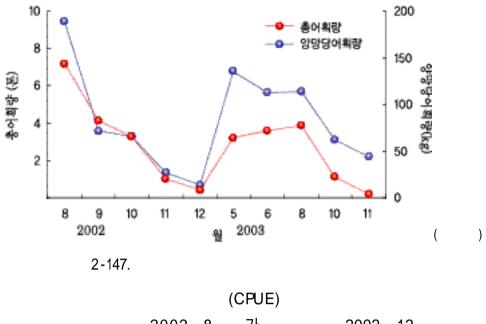




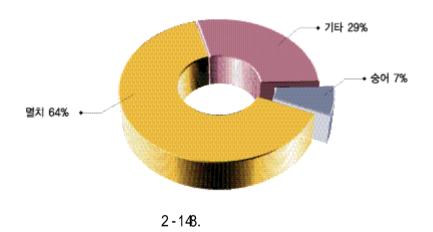
)

8 4 가 , 12 가 . 1~4 7 .

107 2.

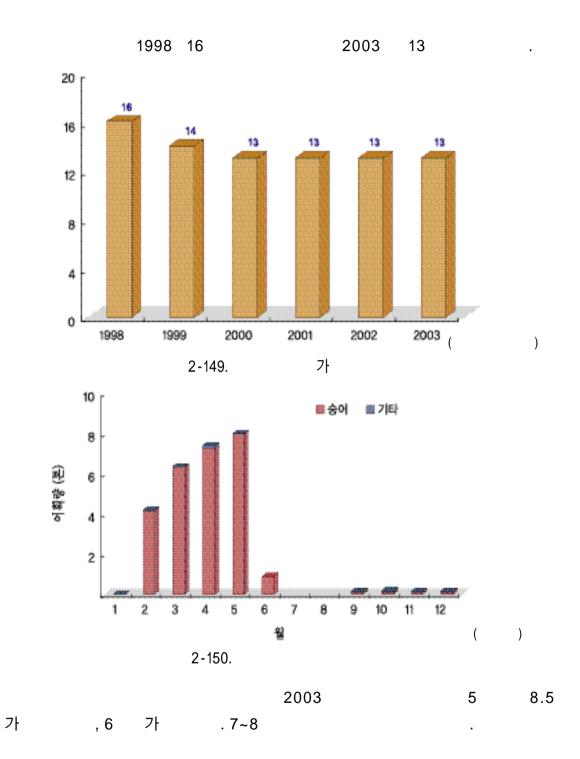


. 2002 8 가 , 2002 12

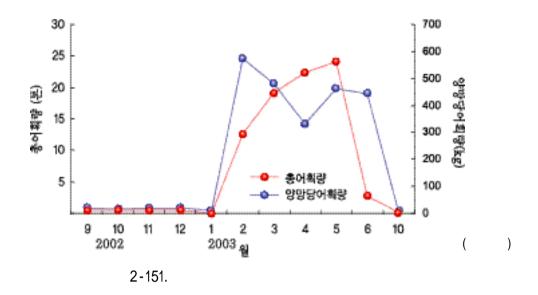


, 가가 64% , 7%

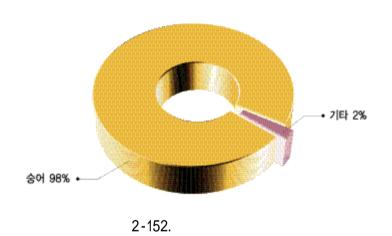
•



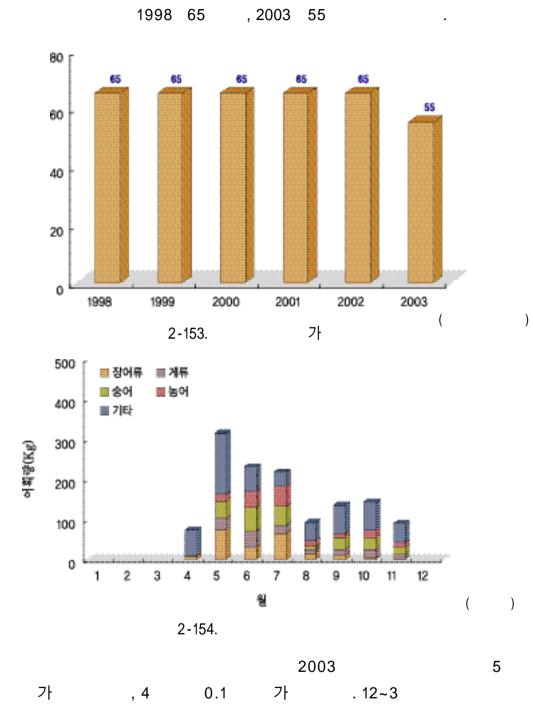
109 2.



(CPUE) . 2003 2~6 , 2002 .



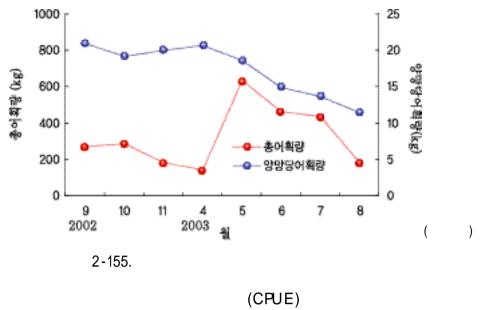
, 가 98% .



٠

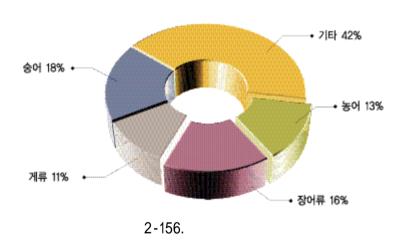
0.35

111 2.



. 2002 9 가 , 2003

.

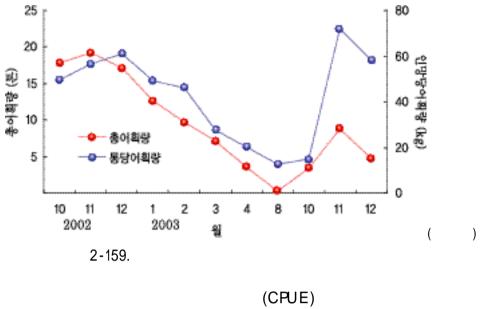


, 가가 18% ,

16%, 13% .

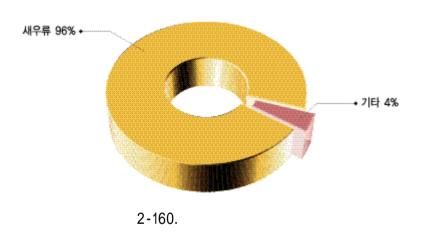
113 2.

)



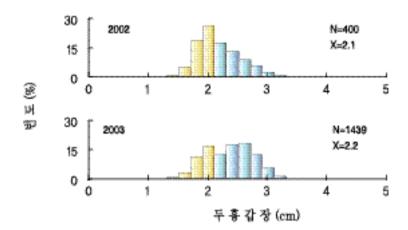
(CPUE) 2003 11 가 , 2003 8 가

.

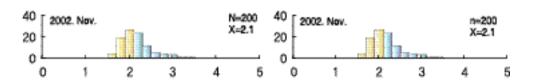


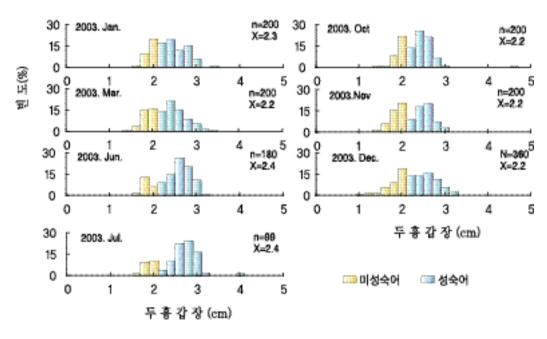
, 가가 96% .

() 5~8 . 2002 () 2.1cm (400) , 2003 2.2cm(1,439) .



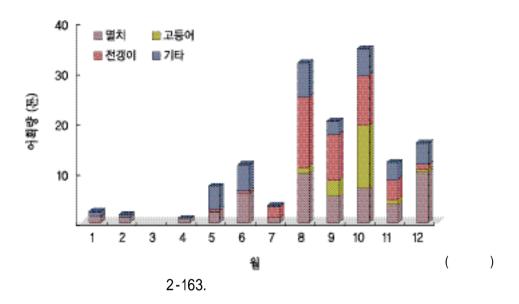
2-161.



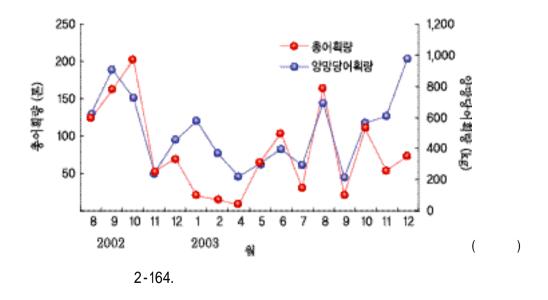


2-162.

가)

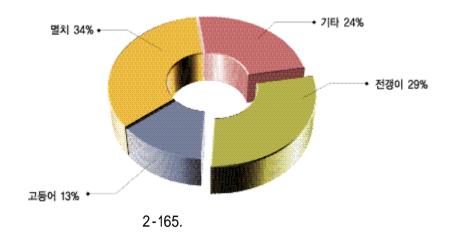


2003 8 10 35 가 ,1~4 .3 .



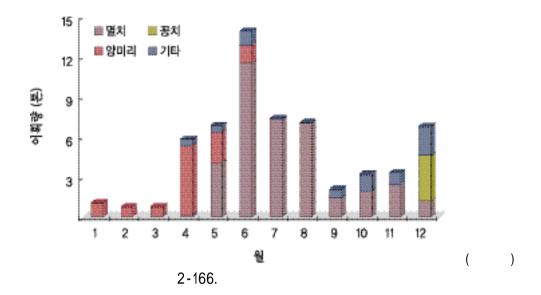
(CPUE) . 2003 12 가 , 2003 4 9 가

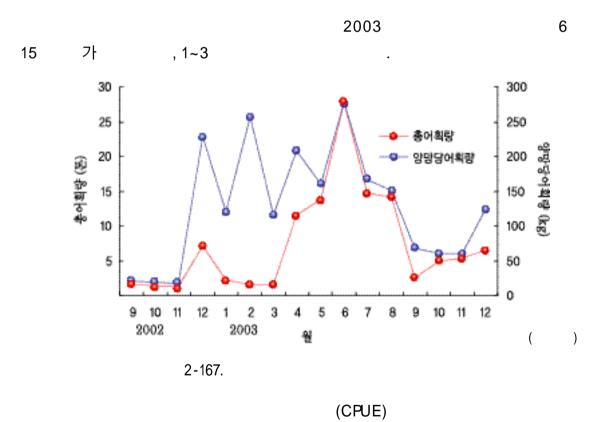
.



, 가가 34% ,

29%, 13% .

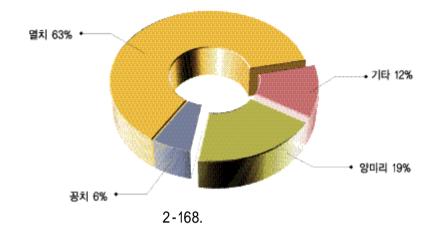




2003 6 가 , 2002

.

12

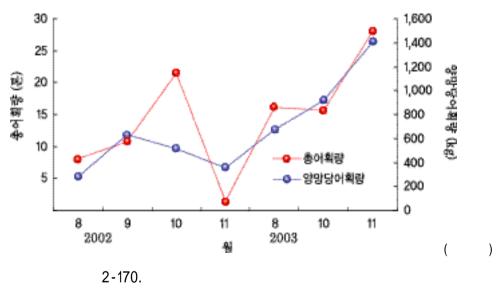


, 가가 63% ,

19%, 6% .

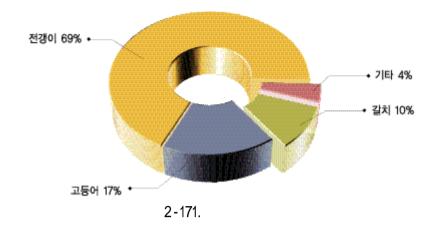
변환 30 원 20 10 11 12 원 () 2-169.

)



(CPUE) . 2003 11 가 , 2002 8

120



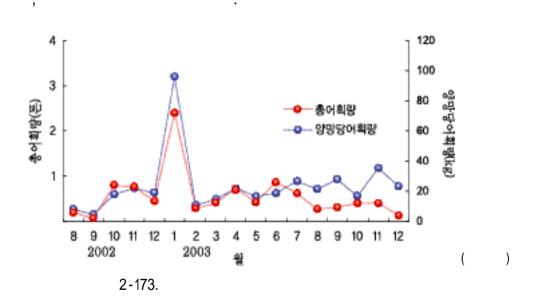
, 가가 69% ,

17%, 10% .

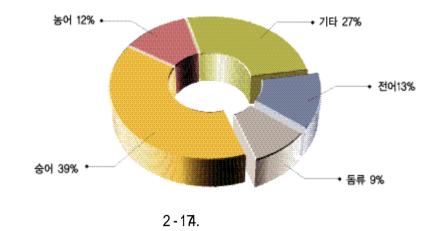
500 ह ▦ 전어 400 어확량 (kg) 300 200 100 5 8 9 10 3 11 6 윑) 2-172.

)

2003 1 0.5 가

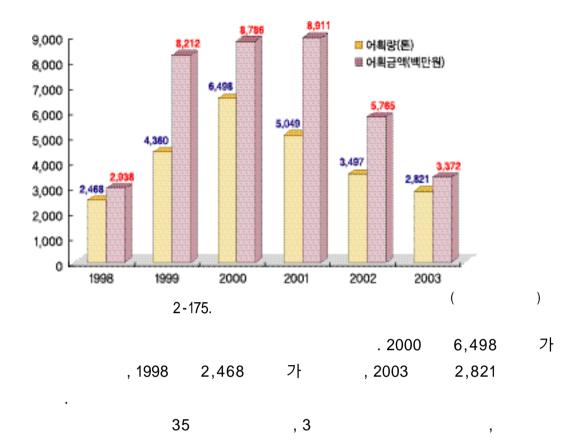


(CPUE) . 2003 1 가 , .



, 가가 39% ,

13%, 12%, 9% .



124

2-1.

			(kg)																		
2002	335	5	5,560	5,440								120									
2002	19	44	940			206			147		137		450								
2002	64	150	30,000		12,000	2,500	2,500		5,500			6,000				1,500					
2002	109	6	1,500									1,500									
2002	21	15	10,530	1,000)																
2002	142	10	1,000																		
2002	21	30	545				545														
2002	86	180	1,280				1,280														
2002	59	45	133				133														
2002	47	180	8,724				8,704	ļ											20		
2002	43	35	5,000		2,000							3,000									
2002	53	40	9,000		5,000	2,000														2,000	
2003	217	15	16,658		15,300																1,358
2003	106	628	3,969			377		347	413		216		466	2,150							
2003	365	55	45,551	1,200	36,720	174			2,300		70	4,550				77	460				
2003	45	176	3,300		1,310				360			1,180									450
2003	277	56	194,500	184,00	010,500																
2003	20	20	2,800	2,800)																
2003																					
2003																					
2003	40	2	1,000				1,000														
2003																					
2003	50	2	1,000				1,000														
2003	70	82	13,960		1,350		9,000			2,200								110			1,300
2003	70	56	13,720		10,600		2,170							550							400
2003	67	15	1,800				700								650						450
2003	55	60	28,500)	600		5,600			17,500)										4,800
2003	104	560	2,640			1,450)				1,190										
2003	60	262	700			100		100			500										
2003	66	180	1,600					1,000)		600										
2003	41	24	15,000		15,000																
2003	68	60	2,500		2,500																
2003	30	150	1,200					800			400										
2003	50	24	3,500		1,500									2,000							
2003	65	180	600								600										

400,000 300,000 100

2-176.

1990 2003 , 2000 211,152 가 212,453 , 228,827 1993 344,481 가 2002 2003 (265,528)

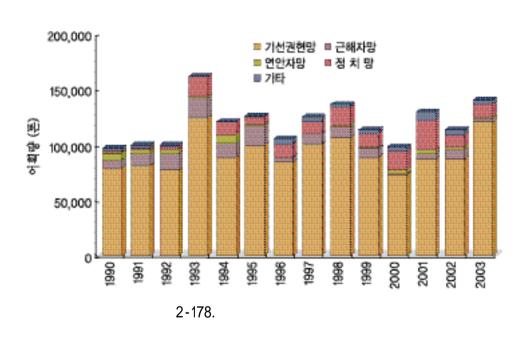
1) **멸치 45% •** 멸치 30%+ 쥐치류 27% 고등어 6% 강달이류 7% 기타 30% 강달이류 3% 기타 33% * 갈치 5% 정어리 3% 살오징어 7% 1990 1995 명치 45% + 멸치 61% + 교통어 10% 기타 25% * 강달이류 5% 삼치 4% 기타 22% 살오징어 5% 삼치 3% * 2000 2003

2 - 177.

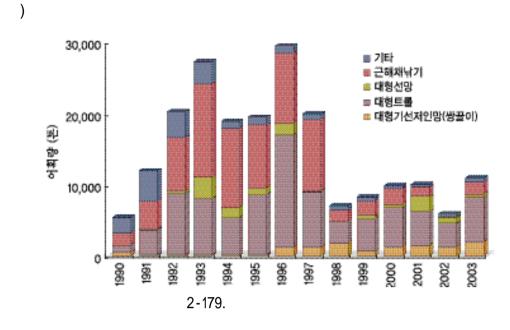
```
1990 2003 , 1990 (97,128), (86,735), (12,533), (9,960), (9,723), (106,531), (17,928), (14,786), (84,367) アト , 2000 (97,838), (21,142), (14,326), (9,865), (9,569), (6,096) アト , 2003 (139,924), (10,950), (10,233), (9,570), (8,042), (50,108)
```

, ,가 , , .

가)

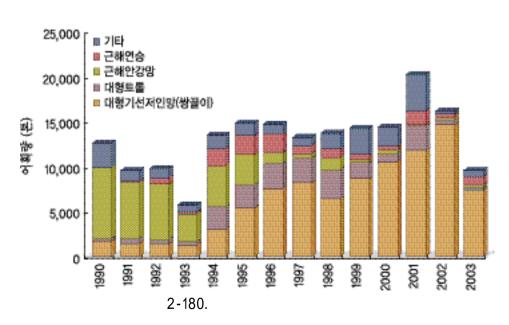


1993 160,823 가 ,1990 97,128 가 . 78%가 , 10%, 8%, 2% 3% .



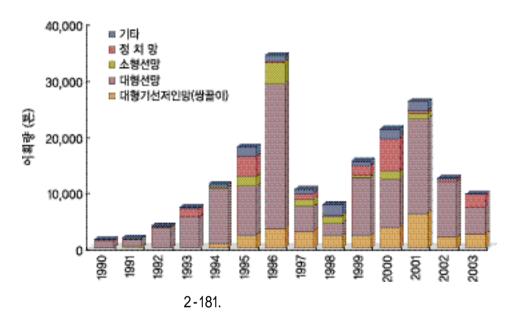
가 , 1990 5,423 1996 29,419 가 . 1990 32%, 17%, 2003 11%, 40% (4%, 57%,) 18%, 15%, 6% 가

)



, 1993 5,708 가 가 2001 20,165 1990 63%, 14% 1996 1991 65%, 64%, 53%, 34%, 22%, 9% 1998 5% () 1990 14% 2002 91% 가 , 2003 76%

)



1996 34,247 가 ,1990 1,485 가 .1990 ()5%, 2% . 1994 88% 가 2003 50%

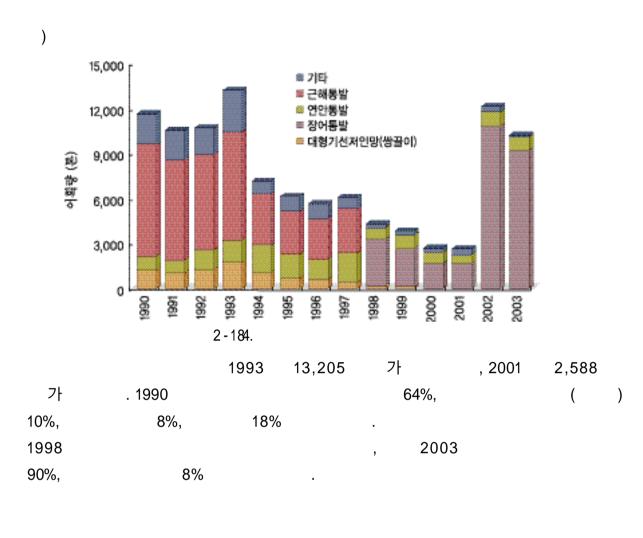
.

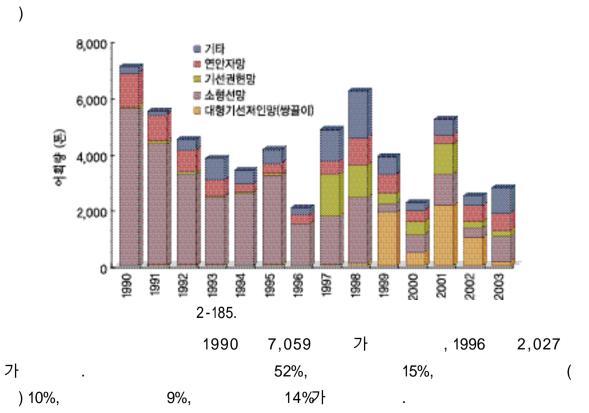
) 25,000 20,000 15,000 10,000 5,000 18 2-182. 1995 21,161 가 , 2003 2,119 가 84%가))) 90,000 1 60,000 서남해구기선저만망(외골이) <u> 오현</u>라 (원) 30,000 1991 2-183. 1990 1990 86,735 가 256 , 207 1995 1996 1997 7,249 130

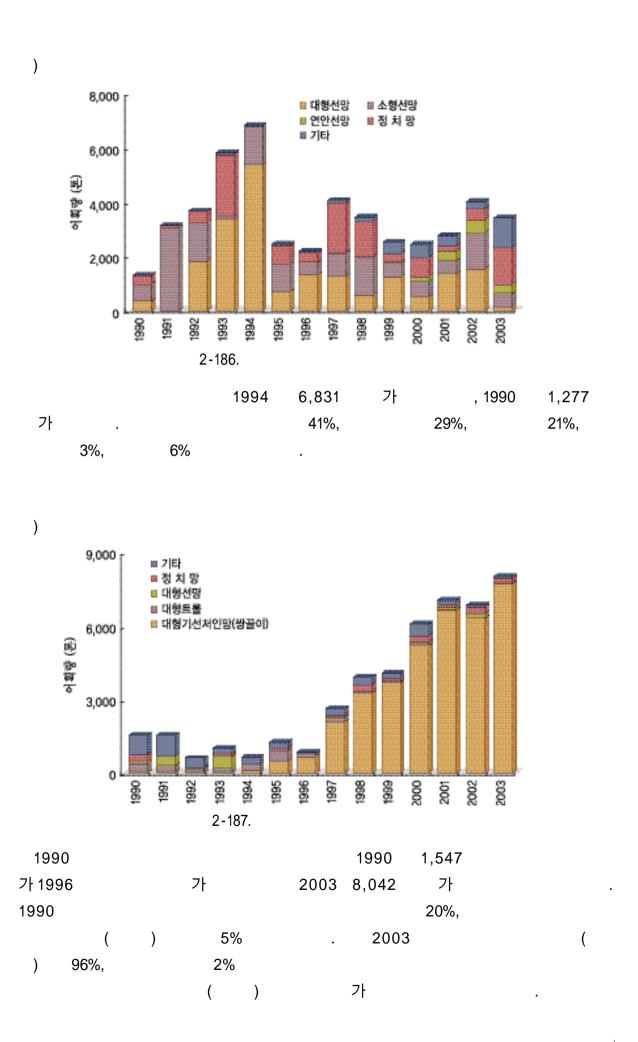
,

. 1990

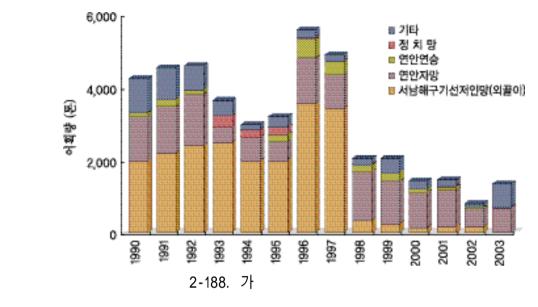
83%, 15%







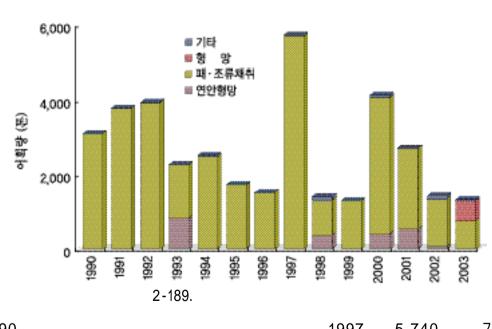




가 1996 5,552 가 ,2002 799 가 .1990 가 ()47% 가 1998 2002 22% ,2003 . 가 2003

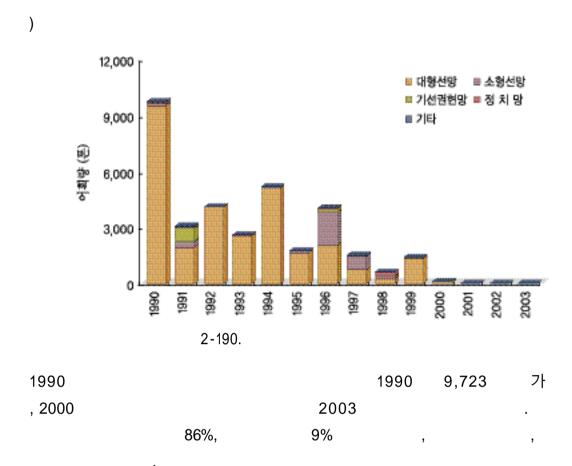
52% .

)



1990 1,295 가 1997 5,740 가 1999 1,295 가

. 91%



3.

가.

1)

3-1.

가		吴			
		吴			
					吴
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3-2.

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136

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吴	昊		吴		

(吴: , :)

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3-3.

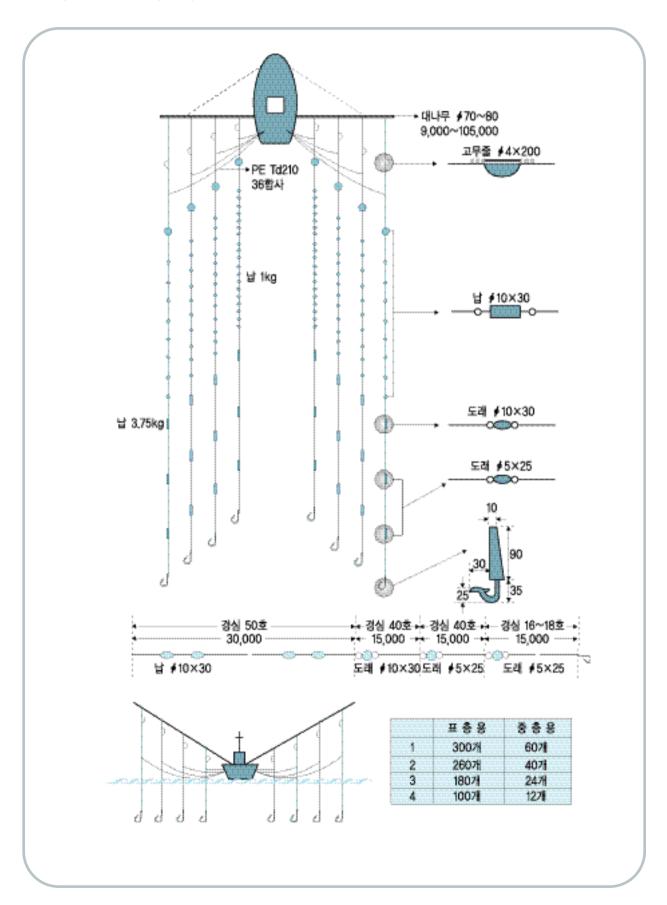
	()	()	()	,	
,	(9~6)	10	6~7	18~19 160 /	70
	7~2	30	20~23	140~160	1
, 가 ,		80	10~14	50mm	1
	4~12	50~100	10~12	35mm	10 ~ 12 (40 /)
		30~70	10~12	7.45mm	10,000
	9~6	30	6~8	30~40 /	12~20

,

3-4.

		()	()	()	,	
	, , ,	4 ~ 11	0.3~3	1~2	15~35mm	80~300
		11 ~ 2	0.3~3	1~2	74mm	700
		8 ~ 11	1	1~2	48mm	24
	()	6~10			38mm	30
		11~2	0.5.4		95mm	30~40
	, ,	3~10	0.5~1	1~2	86~101mm	30
	가	3~9, 9~11			50mm	8
		(1~5)	0.5~4	2	56.5mm	25~30
		2~10	2~3	2	130mm 80~100 /	700~1,600
		9~11	5	1~2	35mm 6~8 /	8
	,	4~11	1	2	32mm 1 /	1 /
	,	12~5	1	2	13 170~200 /	5~7
		5~11	0.5~5	1~2	70 ~ 135 /	15~30
		10~12	0.5~1	1~2	120 /	50~60
		11 ~ 4	0.5~1	1~2	300~400	300~400
	, ,	7~11 12~2	8	14~15	140	1
					20~38mm	
	, ,	6 ~ 4	1~10	2~4	30mm	1
	,	3~12	1~2	2	12.6mm	2
	,	6~7	5	2~3	50mm	2
2	, ,	3~8	2	2	18 ~ 51mm	1 (0.3ha)
		9~10	2	1~2	35mm	20~30

3) 가) ()



: 9~11 : 30~200m, ,

:

:

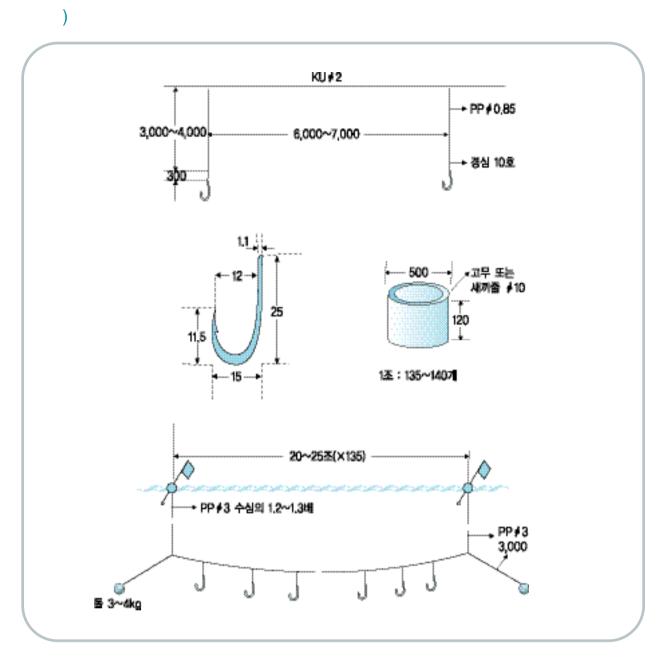
3 4 1 , 가

,

•

141 3.

) , (72~100数) 2,000 кџ́≢з 800 경심 12호+ 1조(8광주리) -- 3종주리(×170~200개) PE#3,0 수십의 1,2~1,3배 낚시 40~50개 PE#3,0 3,000 ੂੰ ਛ-5kg 景 5kg ₩ 200g ∰ 5kg 17,7 10,1 -- 10.6 ---



: 5~11

: 30~40m,

.

: , 가 ,

) - 12 --+ - 20 -대나무 노쁣 저어 예승 뜸 ∮10×20 PE∮3 1,000 골줄 20~50발* # 3~4kg PE #0.5, 550 ₩W 380~400개

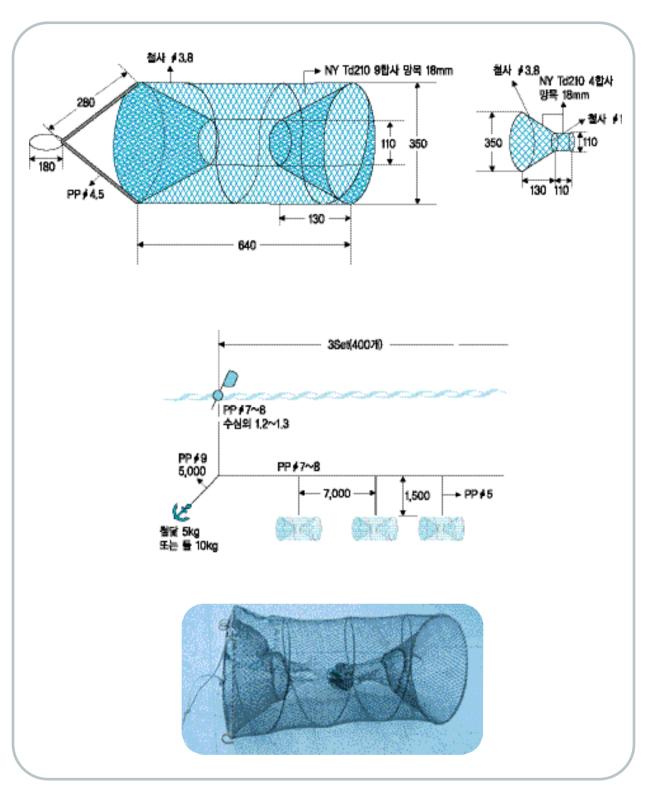
: 11 ~ 4 : 20~70m, , PE 0.5mm 1m . 380~400 . 가 가 가 가 가 . 30 가 가 가 가 가

10

146

가

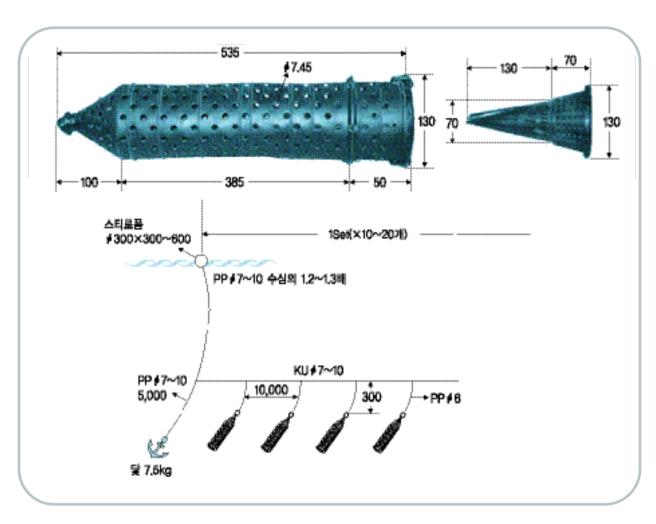
) (1)



: , 가 (, ,), (, ,)
: 20~30m, ,
: , , , ,
:
: , , , , ,
: , , , ,

4~5mm , ,
.
5 6
. 200 250 1 1 2 1
40 50 , 1 30 2 .

) (2)



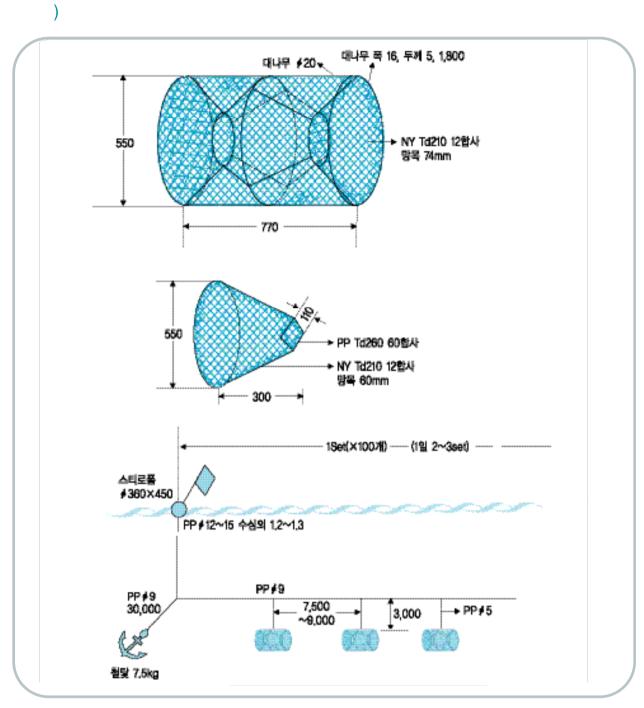
: (,56)

: 20m ,

: ,

: . . .

:



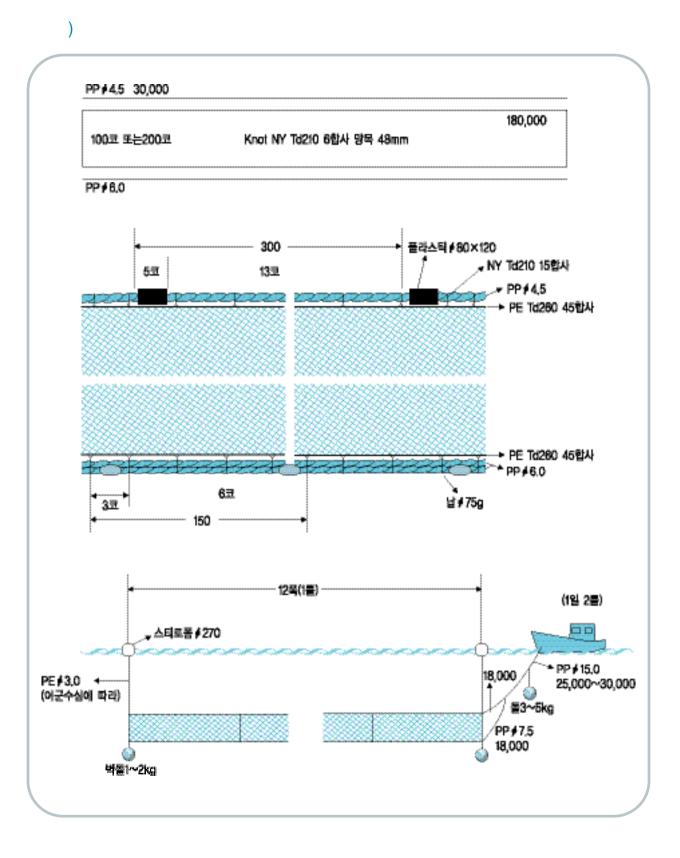
: 11 ~ 1

: 15m ,

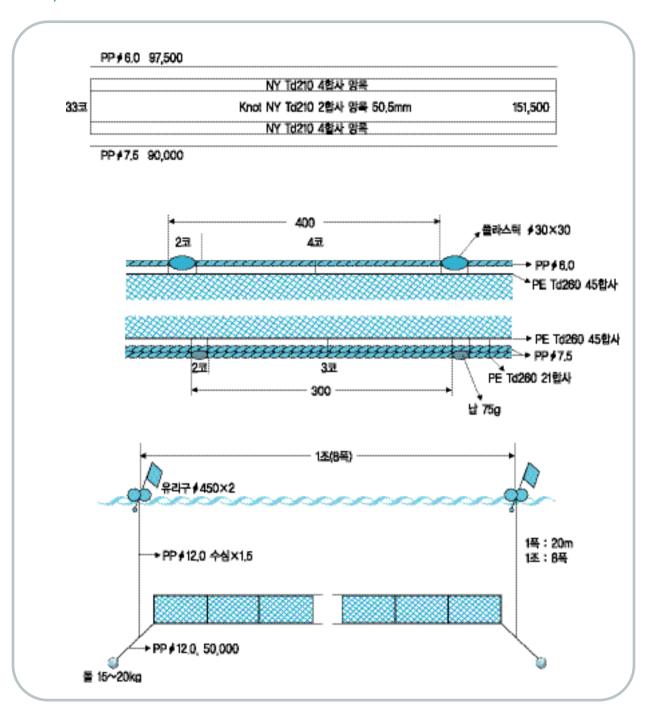
.

٠ _

7~8 150~200 1 ,1 2~6 .1 1 · ,1 20~30 , 10~20 .



:8~11 (),6~10 (),11~2 ()
: 10m ,
: , ,
: , ,
: 30m, 100 200 1 ,12 1

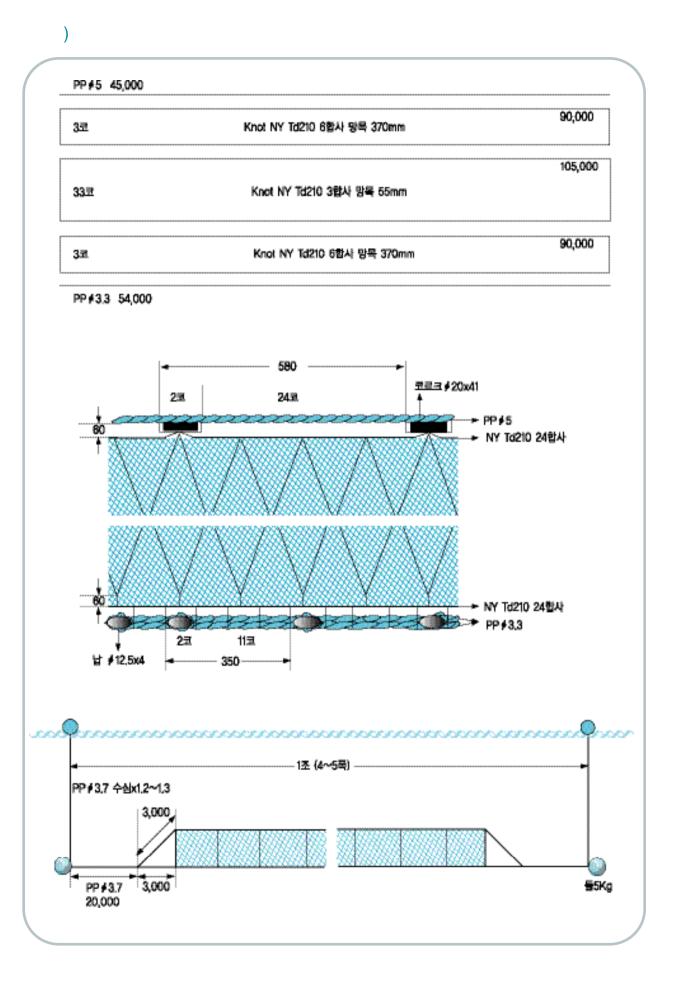


: 3~6 , 9~11

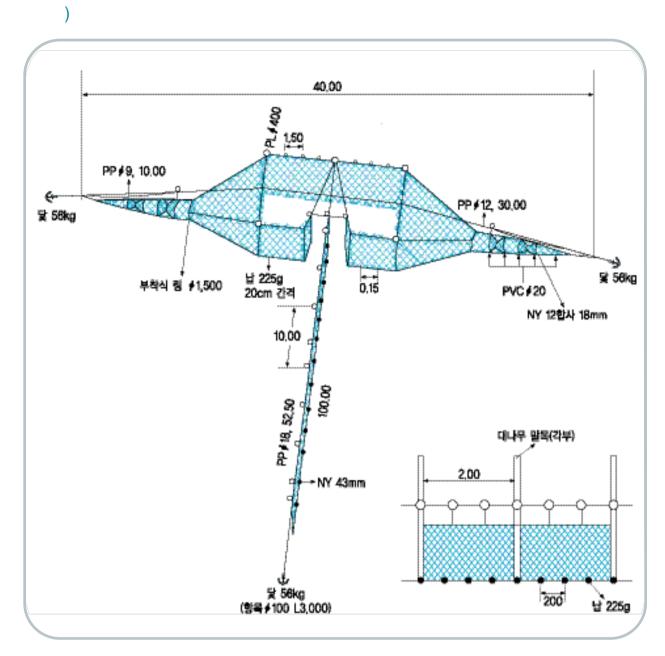
: 20m, ,

: 가

4~5 2 . 1 20m 1 80~160 .



~1 30 .



: 3~8

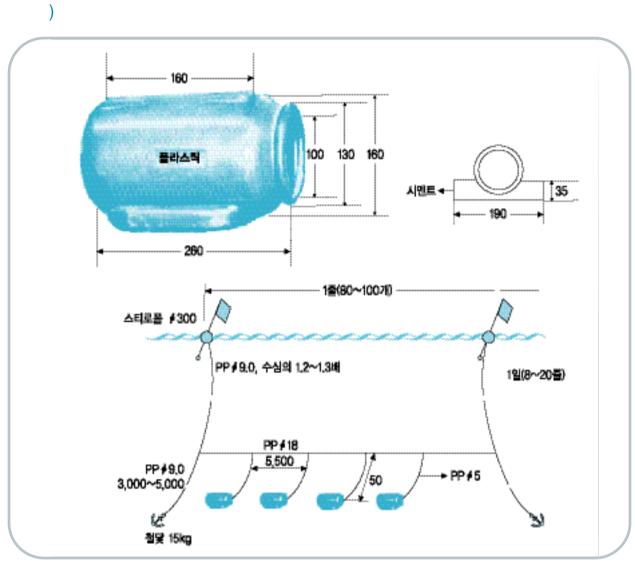
: 2~5m,

: . . .

:

2

2m , 4



: 2~10

: 50m ,

.

:

:

, PP 5mm 5.5m PP 18mm . 5 6

. , 2 1

) →300 ← PVC ≠100×150 -->200 PP.∮6 PP#18, 240,000 PP#9, 240,000 PP ≠ 12 55,000 PP Td260 60합사 양목33,7mm 27,000코 225,000 120광 45,000 120경 45,000 140-≅ 22,500 120% NY Td210 6×6합사 양목120경 403 120ĕ PP Td280 204활사 명목250mm 320,000 ≠ PP #18 225,000 PP ∮12-1,500 남 180g PP#12 240,000 18,000 Bunt PP #18 110,000 Chain 乐는 個 30kg 6,000

: 7~11 (,), 12~2 ()

: 20~70m,

: . .

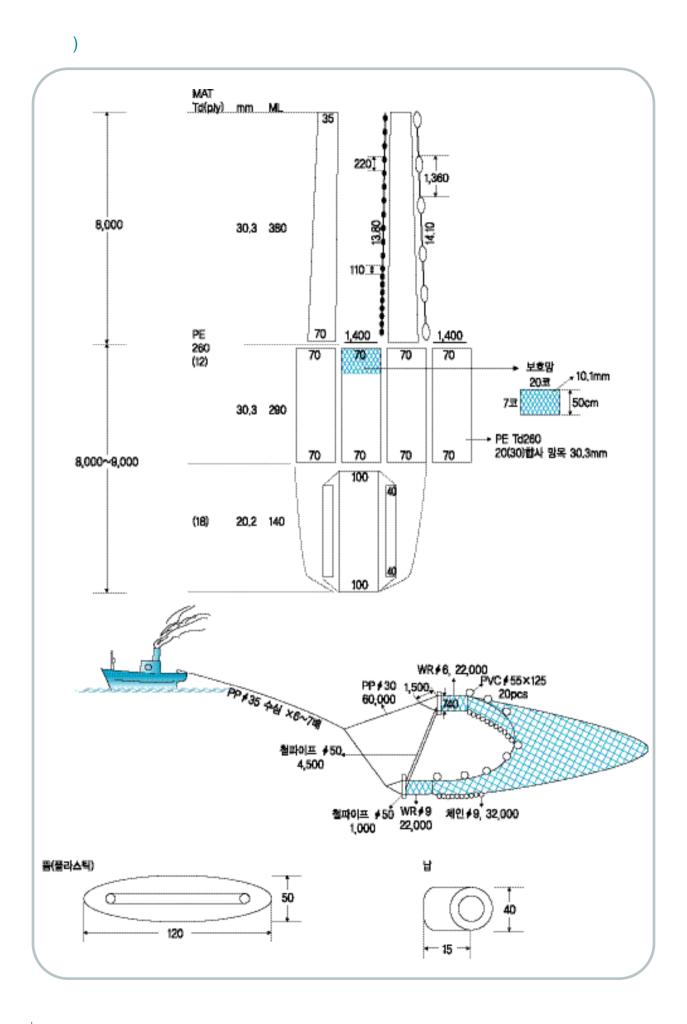
:

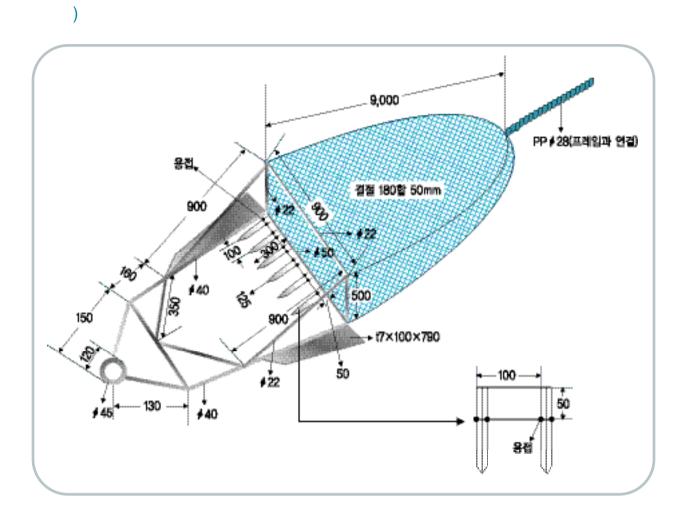
Td210 9 24 120 , 140

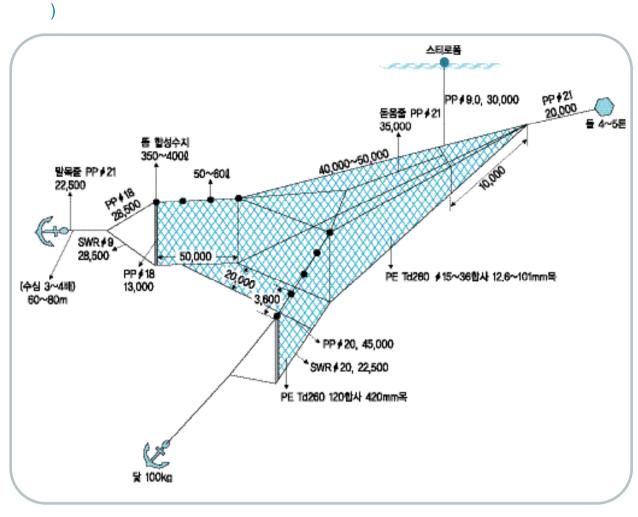
. 가

3 1

. 4 3 ,







: 3~12

: 20~25m, , .

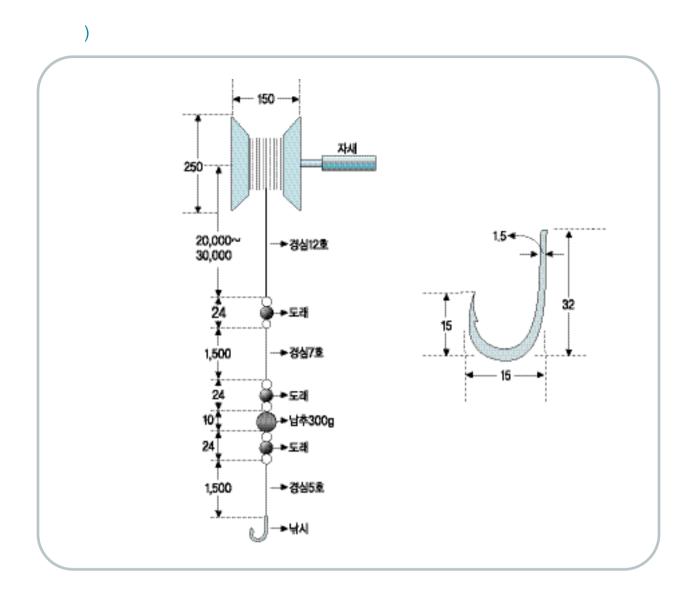
: ,

:

가

. 4 ,

10 .



: 4~11

: 15~20m,

:

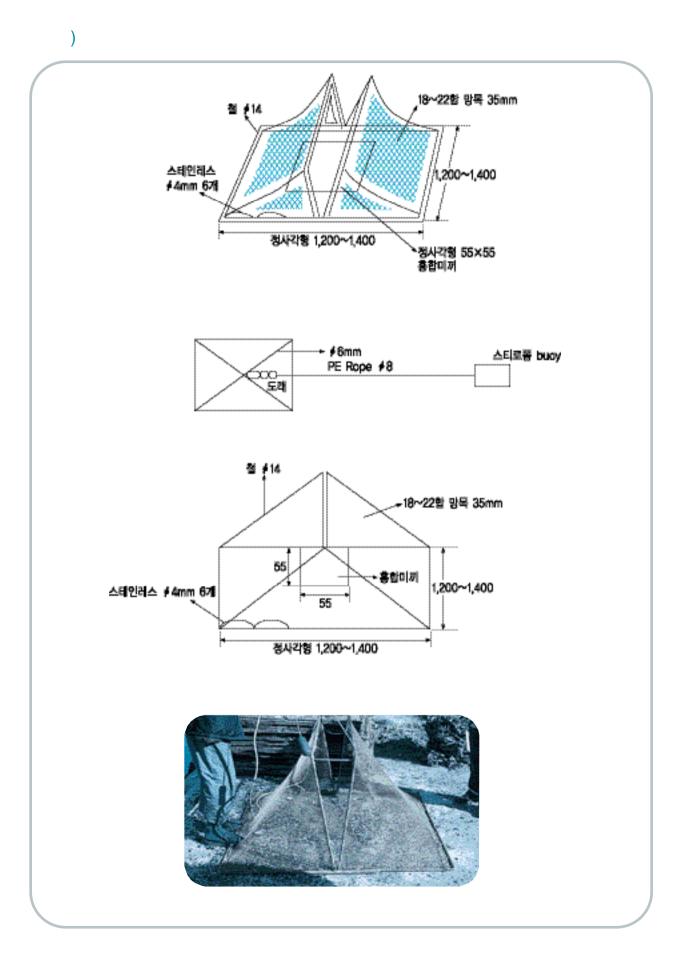
.

.

5 12 1 . 4 5

가 . 가

·



: 9~10

: 7~20m, ,

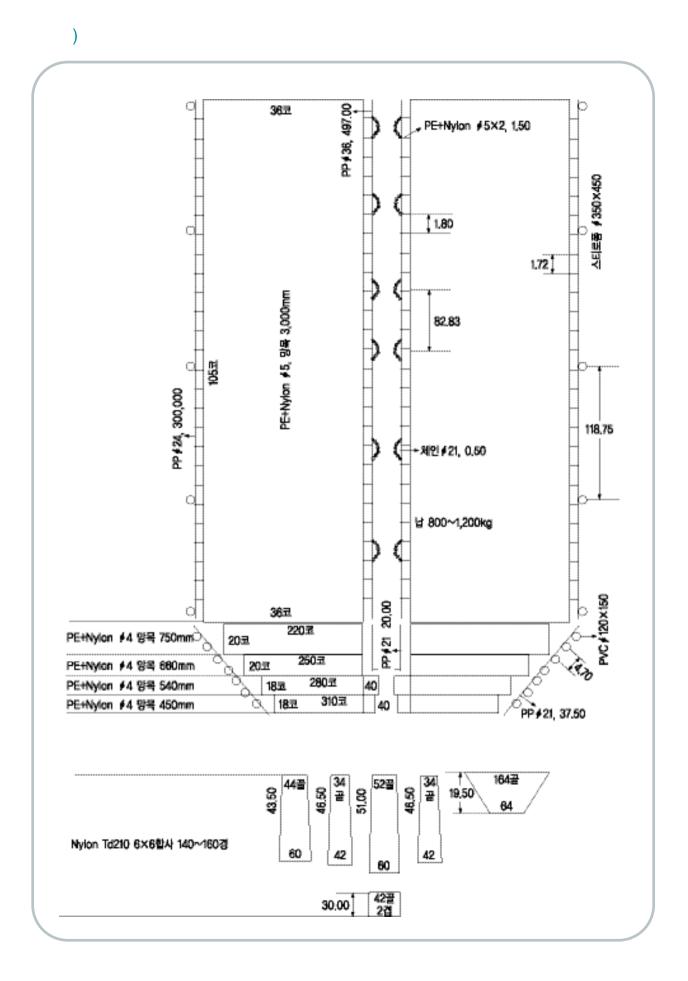
:

:

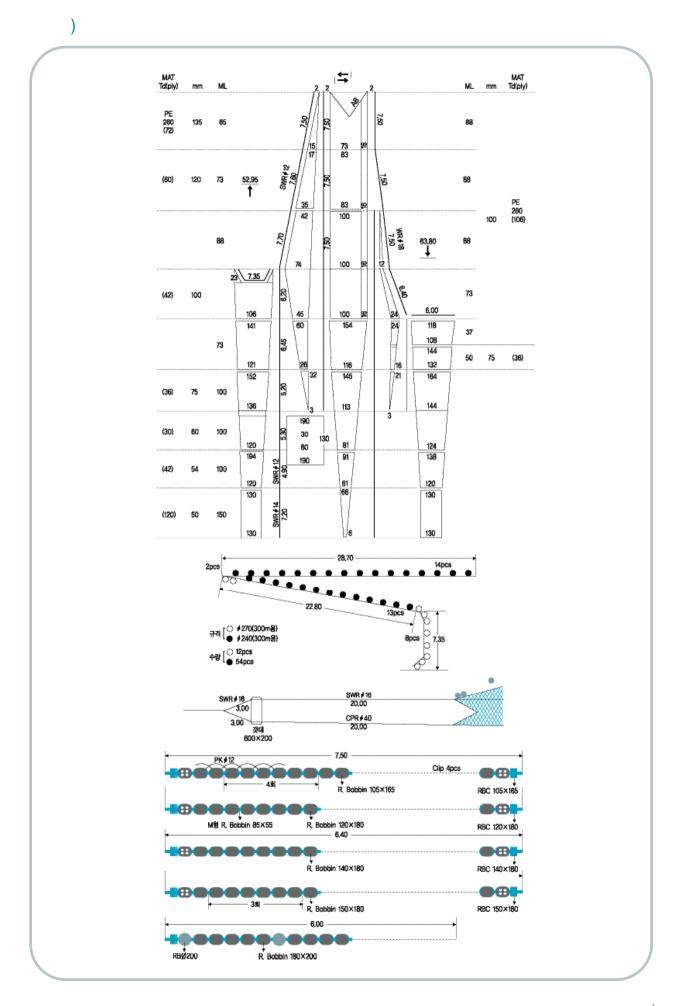
:

.1 20~30

1 5~7 .

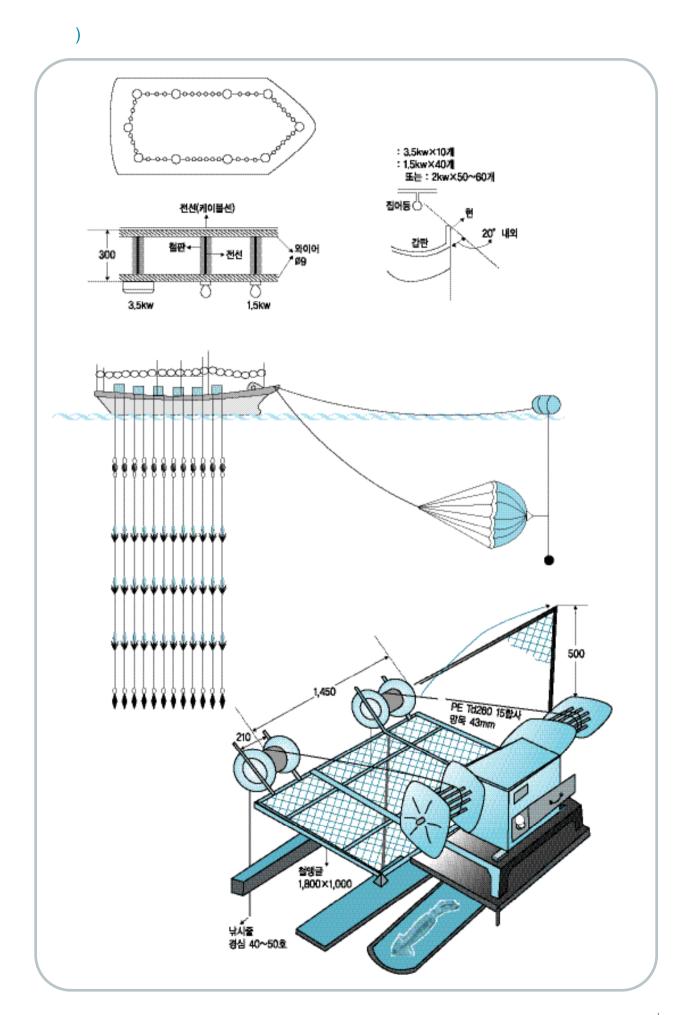


가



```
7 8 1 2
   50 100m,
   ,가 , , ,가
                  가 80%,
   가 15%,
                      5%
      ( )
  가
         가가
 가
                       U
400 600m
                 2 3
 2 3kt .
 5 10
, 가
                 7 8 , 1
               1
```

169 3.



: 1~6 : 30~120m,

: .

: .

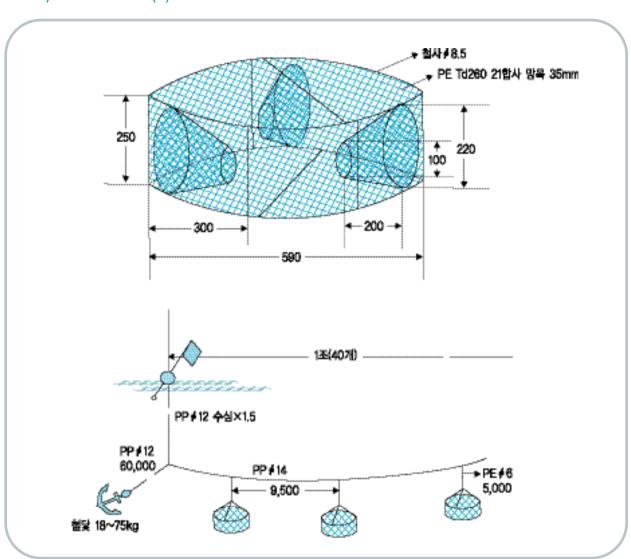
. 1 2kw , 20 30 1 2 30 40kw ,

. 가 30 1

, . 가 가

가 22 가 .

) (1)



: , 1~3 : , 4~12 : ()

: 20~50m,

: (90%), ,

: , ,

8.5mm PE Td260 9 35mm

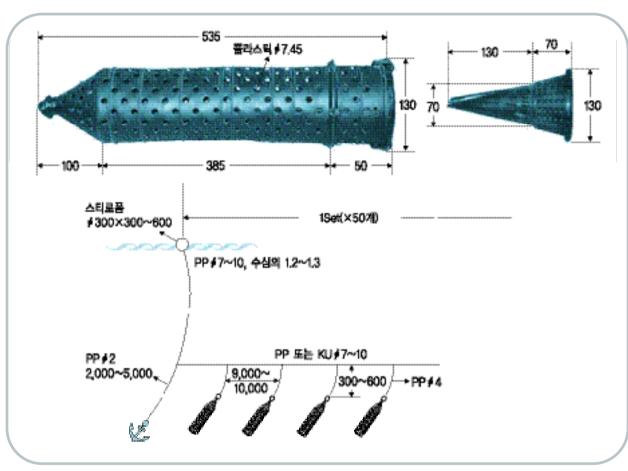
1 40 9~10m . 10~15

. 40 1 10~12 ,

1 40~50 , 2~3 ,1

10~12 .

) (2)



:

: 30~120m,

: 95%, 5%

: (13~15cm 2~3),

(1 ,)

. 1 15 가

, 10,000 .

8~10mm , 50 1 . 10,000 6 ,

6 . 가

 $(5,000 \sim 6,000)$,

가 1 1 . . .

```
: (9~2)-
     : 80~200m, ,
    ( ), (
         22mm
                    3~4 1.5m
                                        11
 50cm
                     6 50~100mm PVC
500g
1
       가 160
                                  12kg
              , 6 1
                        9
        0.5~1
                                    1
```

가. 1) 가) 4 - 1 4 - 1 27.33 . 가 (135.00) (74.67), (54.57), (30.15) , 가가 (3.71) . 가 4.95 . 135.00 , 가 가가 (27.47), 가가 (0.00). 7.82 , (10.50) (10.25) , (12.00), 가가 가 (3.00). (1.41) , 가 가 (7.15) . 가 27.00 , 가 1.00 . 3.41 9.26 . 가

1.00 .

2.00 .

가

175 4.

8.55 , 가

30.00 , 가

4-1.			
4-1.	(:		١
		,	,

				()							
	135.00	29.00	79.00	135.00	16.00	62.00	41.00	4.95	79.00	15.00	8.55
	2.97	24.00	59.00	135.00	11.00	12.00	8.55	2.97	12.00	10.00	1.00
	27.33	27.21	74.67	135.00	12.75	30.15	17.72	3.71	54.57	12.50	3.41
	28.21	1.91	7.71	0.00	2.36	15.24	11.87	0.47	27.47	3.54	1.81
	27.00	27.00	6.00	13.00	15.00	17.00	10.00	16.00	9.00	4.00	30.00
	1.00	3.00	2.00	8.00	2.00	2.00	1.00	2.00	3.70	2.00	2.00
	7.82	12.00	4.20	10.50	6.25	10.25	6.80	6.17	6.39	3.00	9.26
	5.27	7.15	1.48	3.54	5.97	4.96	3.42	4.80	1.88	1.41	5.73

)

4 - 2 105,303.14 (202,620.00) , (239,714.29) 가 (9,000.00). 가가 (309,997.71), 가가 (1,414.21) . 712,934.10 . (1,878,706.33), (1,349,570.00) (1,111,340.00) , (154,700.00). 가 가가 (1,496,138.95), 가가 (0.00). 83% 25,088.89 43,362.77 가 250,000.00 . 186,551.08 332,739.00 , 가 2,037,389.00 .

4-2.

				(.)
	1,000,000.00	0.96	3,403,000.00	1.00
	0.00	0.00	14,368.00	0.04
	105,303.14	0.17	712,934.10	0.83
	189,1 7 .59	0.20	851,515.75	0.20
	1,000,000.00	0.38	3,403,000.00	1.00
	0.00	0.00	346,400.00	0.62
	202,620.00	0.09	1,878,706.33	0.91
	309,997.71	0.11	1,018,14.52	0.11
	50,000.00	0.11	1,514,720.00	1.00
	0.00	0.00	400,000.00	0.89
	12,500.00	0.03	1,111,340.00	0.97
	25,000.00	0.06	490,356.27	0.06
	10,000.00	0.03	2,407,500.00	1.00
	8,000.00	0.00	291,640.00	0.97
()	9,000.00	0.02	1,349,570.00	0.98
	1,414.21	0.02	1,496,138.95	0.02
	400,000.00	0.60	497,000.00	1.00
	0.00	0.00	40,000.00	0.40
	84,166.67	0.14	274,083.33	0.86
	156,538.07	0.23	197,096.53	0.23
	204,000.00	0.52	420,000.00	1.00
	0.00	0.00	42,320.00	0.48
	56,886.62	0.23	165,955.38	0.77
	66,628.41	0.19	100,531.81	0.19
	60,000.00	0.15	1,264,600.00	0.98
	20,000.00	0.02	152,000.00	0.85
	35,000.00	0.09	497,900.00	0.91
	16,431.68	0.05	391,490.13	0.05
	500,000.00	0.96	775,000.00	1.00
	0.00	0.00	14,368.00	0.04
	74,555.56	0.27	241,611.56	0.73
	125,492.08	0.28	276,758.52	0.28

600,000.00 0.44 872,000.00 0.96 0.04 20,000.00 470,000.00 0.56 239,714.29 0.22 673,304.57 0.78 236,784.51 0.19 0.19 157,960.43 0.00 0.00 154,700.00 1.00 0.00 0.00 154,700.00 1.00 0.00 0.00 154,700.00 1.00 250,000.00 0.50 2,037,389.00 1.00 0.00 0.00 23,000.00 0.50 25,088.89 0.13 186,551.08 0.87 43,362.7 0.15 332,739.00 0.15

```
4 - 3
                                137,408.33 .
                                       (397,866.67)
         (361,500.00).
                                       가 가
        (511,238.20 ) ,
                             가 가
                                                 (31,624.40)
                           124,229.17
               가
                                     (285,533.33
(195,000.00)
                            가가
                                                  (304,486.66
 ) , 가
                        (0.00) .
                                       21,944.44
                                                  40,005.67
                 가가
                                 150,000.00
              68,969.44
                          110,307.28
             500,000.00
가
```

4-3.

	1,226,000.00	1.00	800,000.00	1.00
	0.00	0.00	0.00	0.00
	137,408.33	0.50	124,229.17	0.50
	267,731.21	0.43	194,341.56	0.43
	1,226,000.00	1.00	800,000.00	1.00
	0.00	0.00	0.00	0.00
	397,866.67	0.56	285,533.33	0.44
	456,916.66	0.44	304,486.66	0.44
	300,000.00	1.00	600,000.00	0.67
	0.00	0.33	0.00	0.00
	125,000.00	0.60	195,000.00	0.40
	132,287.57	0.36	283,019.43	0.36
	723,000.00	0.83	143,000.00	1.00
	0.00	0.00	50,000.00	0.17
()	361,500.00	0.42	96,500.00	0.58
	511,238.20	0.59	65,760.93	0.59
	80,000.00	0.67	300,000.00	1.00
	0.00	0.00	0.00	0.33
	16,666.67	0.22	102,500.00	0.78
	32,041.64	0.31	121,315.70	0.31
	100,000.00	1.00	90,000.00	1.00
	0.00	0.00	0.00	0.00
	32,461.54	0.53	31,384.62	0.47
	31,624.40	0.40	32,684.19	0.40
	438,400.00	1.00	450,000.00	1.00
	0.00	0.00	0.00	0.00
	115,066.67	0.60	80,666.67	0.40
	170,796.10	0.55	181,446.04	0.55
	190,000.00	1.00	150,000.00	1.00
	0.00	0.00	0.00	0.00
	45,555.56	0.63	26,833.33	0.37
	49,255.90	0.46	44,330.64	0.46
	340,000.00	0.54	348,000.00	1.00
	0.00	0.00	100,000.00	0.46
	95,714.29	0.19	239,071.43	0.81
	137,338.65	0.24	85,145.18	0.24
	0.00	0.00	25,000.00	1.00
	0.00	0.00	25,000.00	1.00
	0.00	0.00	25,000.00	1.00
	150,000.00	1.00	500,000.00	1.00
	0.00	0.00	0.00	0.00
	21,941.44	0.39	68,969. 4	0.61
	40,005.67	0.43	110,307.28	0.43

```
4 - 4
                                               629,587.75
(2,151,774.22),
                    (1,505,454.53)
                                           (687,732.80)
      (686,435.29 ) ,
                             가
                                              (150,000.00
                           가가
                                                (599,656.67
  ) , 가
                      (70,710.68).
                        560,242.20
                                       (1,940,175.38),
     (1,407,430.58),
                       (753,939.20)
                                           (624,591.29)
                        가가
                                             (532,409.99)
  , 가
                    (9,953.94).
                        69,345.55
                            (211,598.84), (129,727.43),
         (98,023.95) (92,357.40),
           (-66,206.40 ) .
                                                 가 가
            (324,117.65),
                                      가 가
   (17,103.45).
                                   111,710.46 90,884.06
                  가
                               365,119.54 .
              107,896.44 71,347.67 ,
                                                     가
          366,670.00 .
                                          가
3,814.02
          89,662.00
240,255.40
```

)

4-4.

-4.			(:
	2,517,796.29	2,170, 4 1.00	457,350.00
	16,044.25	13,828.00	(756,725.90)
	629,587.75	560,242.20	69,345.55
	635,438.93	599,843.94	167,189.11
	2,369,789.00	2,009,586.00	457,350.00
	411,854.30	373,800.00	(756,725.90
	1,505,454.53	1,407,430.58	98,023.95
	599,656.67	532,409.99	324,117.65
	980,000.00	1,133, & 0.00	54,800.00
	342,664.00	300,184.00	(157,317.50)
	687,732.80	753,939.20	(66,206.40)
	283,122.14	309,950.40	106,072.75
	2,517,796.29	2,170, 4 1.00	347,355.29
	1,785,752.15	1,709,909.76	75,842.39
()	2,151, 7 4.22	1,940,175.38	211,598.
	517,633.38	325,6 4 .77	191,988.61
	1,090,900.00	884,008.00	206,892.00
	22,000.00	25,020.00	(78,152.00)
	327,008.49	283,294.67	43,713.82
	405,375.27	317,397.62	101,310.52
	685,223.00	482,442.00	420,661.50
	34,503.00	96,100.00	(70,081.52)
	363,1 7 .24	270,819.	92,357.40
	194,241.09	136,940.45	125,200.08
	600,000.00	382,670.00	252,696.00
	143,762.00	109,484.40	(62,670.00)
	363,806.17	234,078.73	129,727.43
	155,501. 4	118,404.16	121,505.36
	366,393.00	305,0 7 .00	70,845.00
	16,044.25	13,828.00	2,216.25
	177,669.97	131,849.38	45,820.59
	82,398.02	70,924. 7	17,103.45
	1,015,750.00	963,100.00	137,54.00
	275,237.00	145,663.00	(37,940.00)
	686,435.29	624,591.29	61,844.00
	291,655.88	301,203.10	70,045.54
	200,000.00	98,47.00	115,600.00
	100,000.00	84,400.00	1,523.00
	150,000.00	91,438.50	58,561.50
	70,710.68	9,953.94	80,664.62
	365,119.54	366,670.00	240,255.40
	12,000.00	16,211.00	(300,2 6 .50)
	111,710. &	107,896.4	3,814.02
	90,884.06	71,347.67	89,662.00

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4 - 5
            가
              257,795.82
                (1,102,710.55),
                                       (607,541.07),
 (540,534.00)
                    (347,684.71 ) .
 가가
                     (345,860.23),
                                         가가
    (9,963.13).
                        227,173.09
                    (595,890.00),
                                                 (514,637.24
                           가가
 )
                                                 (299,734.33
    , 가
                       (12,020.82).
                                                23,297.58 ,
2,874.33
         11,669.22
                                                    가
                   가 34,291.59
                      (100,737.05),
                                                   (59,997.00
            (48,844.00 ) . 가
                                          가 가
  )
     (69,346.59), 가
                                     (0.00).
                                     40,790.21
                                                 30,163.44
                         116,500.00
                                    4,809.00
                       29,202.93 ,
            41,117.88
                                                95,240.00
                        가
                                               18,345.68
 1,440.00
                            273,096.00 460.00
46,678.16
```

4-5.

									(.)
									가
	1,209,350.00 0.97	1,062,000.00 0.81	180,925.00	0.16	30,000.00	0.04	87,835.75	0.08	237,700.00 0.24
	3,100.00 0.13	9,625.00 0.03	0.00	0.00	0.00	0.00	0.00	0.00	320.00 0.00
	257,795.82 0.40	227,173.09 0.46	23,297.58	0.05	2,874.33	0.01	11,669.22	0.02	34,291.59 0.06
	304,465.28 0.17	249,093.78 0.15	34,488.94	0.03	5,333.55	0.01	17,307.37	0.02	48,594.89 0.05
	949,120.00 0.77	1,062,000.000.54	119,819.00	0.06	30,000.00	0.03	45,000.00	0.08	237,700.00 0.16
	191,056.00 0.34	24,000.00 0.06	0.00	0.00	0.00	0.00	4,000.00	0.01	17,320.00 0.03
	607,541.07 0.46	595,890.00 0.40	65,125.27	0.04	7,792.00	0.01	26,389.53	0.02	100,737.05 0.07
	203,461.11 0.11	299,734.33 0.12	38,494.54	0.02	9,818.88	0.01	14,465.46	0.02	69,346.59 0.04
	906,200.00 0.97	234,000.00 0.36	15,914.00	0.05	3,000.00	0.01	30,000.00	0.04	65,817.50 0.09
	135,770.00 0.45	25,000.00 0.03	0.00	0.00	0.00	0.00	0.00	0.00	20,000.00 0.00
	540,534.00 0.66	164,056.00 0.25	3,182.80	0.01	1,660.00	0.00	12,200.00	0.02	48,844.00 0.05
	345,860.23 0.22	93,815.43 0.14	7,116.96	0.02	1,525.78	0.00	15,401.30	0.02	25,109.61 0.05
	1,209,350.00 0.58	637,571.00 0.29	180,925.00	0.08	10,123.05	0.01	87,835.75	0.05	60,042.00 0.04
	996,071.10 0.56	391,703.8 0.23	71,430.09	0.04	0.00	0.00	74,853.00	0.03	59,952.00 0.03
()	1,102,710.55 0.57	514,637.24 0.26	126,177.54	0.06	5,061.53	0.00	81,341.37	0.04	59,997.00 0.03
	150,810.96 0.02	173,854.59 0.05	77,424.60	0.03	7,158.08	0.00	9,180.19	0.01	63.64 0.01
	443,833.00 0.67	400,992.00 0.45	25,452.00	0.08	1,440.00	0.02	500.00	0.02	67,350.00 0.24
	11,600.00 0.27	10,500.00 0.26	805.00	0.00	0.00	0.00	0.00	0.00	320.00 0.01
	132,470.33 0.43	113,838.00 0.38	11,108.67	0.05	390.00	0.01	233.33	0.01	25,254.33 0.13
	163,659.91 0.14	146,878.06 0.07	11,223.55	0.03	560.54	0.01	258.20	0.01	25,359.49 0.11
	129,150.00 0.62	334,209.00 0.70	19,792.00	0.06	6,000.00	0.04	18,000.00	0.06	26,000.00 0.16
	39,307.00 0.25	25,000.00 0.26	0.00	0.00	100.00	0.00	0.00	0.00	4,750.00 0.01
	81,981.38 0.34	157,469.15 0.52	10,539.23	0.04	2,426.08	0.01	3,117.31	0.01	11,025.15 0.06
	28,459.38 0.10	110,746.15 0.15	5,718.42	0.02	1,474.73	0.01	5,119.18	0.02	6,169.38 0.05
	193,000.00 0.50	190,000.00 0.67	36,000.00	0.16	1,000.00	0.01	22,000.00	0.06	63,230.00 0.17
	28,000.00 0.13	54,000.00 0.39	5,375.00	0.02	50.00	0.00	1,200.00	0.01	1,530.00 0.01
	74,208.40 0.32	112,589.83 0.49	16,541.83	0.08	297.50	0.00	8,416.67	0.03	20,691.17 0.08
	60,476.09 0.15	55,408.37 0.10	13,335.26	0.05	375.10	0.00	7,808.82	0.02	22,578.93 0.06
	83,700.00 0.49	150,000.00 0.81	15,432.00	0.11	8,000.00	0.03	23,000.00	0.08	35,300.00 0.16
	3,100.00 0.14	9,625.00 0.41	287.00	0.02	0.00	0.00	0.00	0.00	332.00 0.01
	36,347.09 0.27	74,678.82 0.59	8,228.98	0.06	1,451.80	0.01	3,359.60	0.02	6,951.60 0.04
	21,462.94 0.10	36,609.83 0.11	4,694.47	0.03	2,154.8	0.01	6,597.18	0.03	9,521.85 0.03
	1533,110.00 0.59	330,792.00 0.55	12,000.00	0.21	4,490.00	0.02	3,000.00	0.04	273,096.00 0.74
	41,453.00 0.28	79,680.00 0.31	3,300.00	0.00	0.00	0.00	0.00	0.00	460.00 0.01
	347,684.71 0.52	215,858.29 0.37	7,832.14	0.06	463.09	0.00	587.35	0.01	18,345.68 0.17
	190,841.22 0.11	91,187.67 0.08	3,112.83	0.05	880.67	0.01	906.93	0.01	46,678.16 0.20

· (:)

										가	
59,400.00	0.70	42,000.00	0.43	3,150.00	0.03	9,000.00	0.01	31,200.00	0.05	30,000.00	0.11
45,310.00	0.46	25,000.00	0.30	0.00	0.01	0.00	0.00	2,640.00	0.00	16,500.00	0.02
52,355.00	0.58	33,500.00	0.36	1,575.00	0.01	2,633.71	0.00	15,348.57	0.03	22,848.14	0.05
9,963.13	0.17	12,020.82	0.09	2,227.39	0.01	3,874.99	0.00	9,617.34	0.02	4,179.05	0.03
116,500.00	0.73	95,240.00	0.71	30,823.00	0.03	10.00	0.00	272.00	0.00	7,735.00	0.08
4,809.00	0.06	1,440.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	7,735.00	0.00
40,790.21	0.39	41,117.88	0.37	6,462.53	0.02	5.00	0.00	136.00	0.00	7,735.00	0.04
30,163.4	0.17	29,202.93	0.17	6,663.22	0.02	7.07	0.00	192.33	0.00	0.00	0.06

4 - 6 12% , 10% (33%), (30%), (12%) . (26%), (-10%), (-9%) . 가가 (66%) , 가 (7%) . 123% , (195%) . (493%), (539%) , 가 가 가 (0%) . 40% (52%), (44%) . 가가 (75%) , 가 (0%) . -57% 253% . 65% 63%, 69% 1.07 83% 1.10 4.26

			()	
	2.24	40.50		0.07
	0.61	10.50	15.85	2.87
	(2.03)	0.00	0.00	0.00
	0.12	1.23	1.89	0.40
	0.36	2.31	2.50	0.46
	0.53	4.50	1.98	0.88
	(0.82)	0.00	0.43	0.04
	0.04	0.69	0.97	0.34
	0.29	1.37	0.46	0.24
	0.12	1.00	0.86	0.59
	(0.29)	0.00	0.00	0.00
	(0.09)	0.33	0.44	0.24
	0.18	0.58	0.35	0.26
	0.14	0.01	8.63	0.36
	0.04	0.01	0.74	0.17
()	0.09	0.01	4.69	0.26
	0.07	2.21	5.58	0.14
	0.25	0.81	4.04	0.99
	(0.59)	0.00	0.44	0.00
	(0.10)	0.41	1.15	0.37
	0.37	0.57	1.43	0.38
	0.61	5.52	15.85	1.72
	(2.03)	0.01	0.13	0.00
	0.07	1.95	3.47	0.39
	0.66	2.25	3.95	0.42
	0.57	0.60	1.83	1.25
	(0.20)	0.11	0.42	0.00
	0.33	0.28	0.94	0.44
	0.28	0.28	0.54	0.49
	0.39	1.06	10.02	2.87
	0.14	0.11	0.07	0.00
	0.26	0.49	2.48	0.52
	0.07	0.29	2.63	0.75
	0.47	10.50	1.69	0.70
	(0.04)	0.29	0.51	0.20
	0.12	4.93	1.05	0.36
	0.17	5.39	0.48	0.18
	0.58	0.00	0.65	0.16
	0.02	0.00	0.65	0.16
	0.30		0.65	0.16
	0.40	0.00	4.00	4.00
	0.69	2.66	4.26	4.60
	(13.90)	0.00	0.03	0.00
	(0.57)	0.63	1.07	0.65
	2.53	0.69	1.10	0.83

```
2)
가)
    4 - 7
                                                       3.5 .
                                                    (7.93)
                   가
                                       (8.50),
          가가
                                                    가
                                (2.79) .
                                                    0.50
                        9.00 , 가
                                                   (2.63) , 가
                              가가
                  (0)
                     7.84
  (11.47), (9.5), (8.36)
                                                       가
             (6.00).
                                             가
   30
             가
                                 가가
                                                       (6.70),
              가가
                                  (0).
                                  4.19 7.70 .
                                                           가
     5.00 , 가
                                                      가
                           3.07
15
      , 가
           5 .
                                         3.30
                                                7.17
                                                           가
           9.00 , 가
가
                                0.61 .
      12 , 가
                        2
4-7.
          9.00
                9.00
                             7.93
                                          7.93
                                                            9.00
                       5.93
                                   8.55
                                                7.30
                                                      5.00
          0.50
                       0.50
                             7.93
                                   1.03
                                                0.80
                                                      3.07
                8.00
                                          1.17
                                                            0.61
                             7.93
          3.50
                8.50
                       2.79
                                   3.52
                                          4.14
                                                3.54
                                                      4.19
                                                            3.30
          2.11
                             0.00
                                   1.95
                                          2.63
                                                            2.25
                 0.71
                       1.56
                                                1.88
                                                      0.69
          30.00
                6.00
                      30.00
                             10.00
                                   14.00
                                         25.00
                                                13.00
                                                      15.00
                                                            12.00
          1.00
                6.00
                       1.00
                             9.00
                                   1.00
                                         5.20
                                                1.00
                                                      5.00
                                                            2.00
                                                            7.17
          7.84
                6.00
                       7.36
                             9.50
                                   8.36
                                         11.47
                                                6.52
                                                      7.70
```

5.28

0.00

6.70

0.71

4.31

6.19

3.19

3.09

3.21

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)
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4 - 8
                                  14,969.79 .
                                           (20,000.00)
                        (33,977.78),
            가
                               (6,666.67)
                        가가
                                           (220,000.00)
                       (10,000.00 ) .
  가가
                               135,825.51
                                  (384,000.00
                                             ),
(305,625.00),
                          가
                                               (35,318.7 6)
                          가가
                                              (1,819,320.00)
   , 가
                       (76,310,00).
                  80%
                                                 (94%),
    (87%)
```

4-8.

220,000.00	1.00	1,824,800.00	1.00
0.00	0.00	5,480.00	0.00
14,969.79	0.20	135,825.51	0.80
28,006.53	0.21	331,697.37	0.21
10,000.00	0.40	100,000.00	1.00
0.00	0.00	15,000.00	0.60
6,666.67	0.16	46,666.67	0.84
5,773.50	0.21	46,457.87	0.21
35,000.00	1.00	83,310.00	1.00
0.00	0.00	7,000.00	0.00
8,902.94	0.21	35,318.76	0.79
9,895.53	0.24	21,963.54	0.24
30,000.00	0.08	558,500.00	0.97
15,000.00	0.03	171,500.00	0.92
20,000.00	0.06	384,000.00	0.94
8,660.25	0.03	196,278.50	0.03

187 4.

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110,000.00	0.65	741,500.00	0.97
2,000.00	0.03	6,300.00	0.35
19,000.00	0.27	71,123.80	0.73
25,986.33	0.20	159,235.77	0.20
220,000.00	0.49	300,000.00	1.00
0.00	0.00	6,500.00	0.51
33,977.78	0.13	96,895.56	0.87
74,515.88	0.17	110,031.23	0.17
80,000.00	0.57	1,824,800.00	1.00
0.00	0.00	5,480.00	0.43
13,651.85	0.17	305,625.00	0.83
18,247.85	0.18	566,649.82	0.18
10,000.00	0.21	64,000.00	1.00
0.00	0.00	2,450.00	0.79
5,700.00	0.10	35,595.00	0.90
4,989.99	0.09	24,881.30	0.09
50,000.00	0.71	334,500.00	1.00
0.00	0.00	8,000.00	0.29
17,083.33	0.24	58,256.25	0.76
17,895.95	0.22	89,125.91	0.22

5,700.00 35,595.00 가가 10,000.00 ,가 0 가가 64,000.00 ,가 2,450.00 . 17,083.33 58,256.25 가가 50,0000.00 ,가 0 가가 334,500.00 ,가

```
10,435.15 .
                                               (25,000.00),
(18,333.33), (14,444.44)
가 가
                        (100,000.00 ) , 가가
  (15,000.00).
                                               21,341.75
                              가
                                                    (56,222.22)
                                                  가 가
      (26,666.67).
    (140,000.00 ) , 가
                                              (40,000.00).
                                                 11,600.00
                                                             2,100.00
                             가 가
                                          43,000.00 , 가
                                                                       0
                                   가 가
                                                10,000.00
                                                               , 가
     0
                                                 21,416.67
                                                              37,666.67
                             가가
                                         100,000.00 , 가
                                                                       0
                                   가가
                                              120,000.00
                                                               , 가
     0
4-9.
                     100,000.00
                                     1.00
                                                140,000.00
                                                                1.00
                       0.00
                                     0.00
                                                  0.00
                                                                0.00
                      10,435.15
                                     0.34
                                                 21,341.75
                                                                0.66
                      19,748.96
                                     0.43
                                                 24,844.10
                                                                0.43
                     50,000.00
                                     0.50
                                                 50,000.00
                                                                1.00
                       0.00
                                     0.00
                                                 10,000.00
                                                                0.50
                      18,333.33
                                     0.23
                                                 26,666.67
                                                                0.77
                      27,537.85
                                     0.25
                                                 20,816.66
                                                                0.25
                      71,000.00
                                     1.00
                                                 65,000.00
                                                                1.00
                       0.00
                                     0.00
                                                  0.00
                                                                0.00
                      9,385.71
                                     0.26
                                                 20,047.14
                                                                0.74
                      19,060.31
                                     0.41
                                                 19,285.24
                                                                0.41
                     30,000.00
                                     1.00
                                                  0.00
                                                                0.00
                     15,000.00
                                     1.00
                                                  0.00
                                                                0.00
                     25,000.00
                                     1.00
                                                  0.00
                                                                0.00
                      8,660.25
                                     0.00
                                                  0.00
                                                                0.00
```

4 - 9

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25,000.00	1.00	70,000.00	1.00
0.00	0.00	0.00	0.00
6,605.50	0.42	16,625.00	0.58
6,880.02	0.39	18,005.02	0.39
70,000.00	0.47	140,000.00	1.00
0.00	0.00	0.00	0.53
14,444.44	0.12	56,222.22	0.88
24,551.53	0.18	45,795.14	0.18
100,000.00	1.00	65,000.00	1.00
0.00	0.00	0.00	0.00
10,800.00	0.39	16,666.67	0.61
25,113.65	0.49	18,922.92	0.49
43,000.00	1.00	10,000.00	0.50
0.00	0.50	0.00	0.00
11,600.00	0.78	2,100.00	0.22
13,359.97	0.25	3,314.95	0.25
100,000.00	1.00	120,000.00	1.00
0.00	0.00	0.00	0.00
21,416.67	0.52	37,666.67	0.48
28,990. &	0.47	42,382.10	0.47

```
4 - 10
                        14,553.09
                                          가
                     (15,147.14 ) .
 (27,222.22 ),
                                             (65,000.00)
                가가
                        (0).
 , 가 가
                                    5,819.59
                                     (28,888.89),
(8,333.33).
                      (90,000.00 ) , 가
 가 가
                                                        (0
 ) .
```

4-10. (:)

1					
65,000.00	1.00	90,000.00	0.80	35,000.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00
14,553.09	0.76	5,819.59	0.19	969.07	0.05
15,344.06	0.29	13,728.43	0.25	4,649.04	0.19
30,000.00	0.60	20,000.00	0.50	20,000.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00
11,000.00	0.30	8,333.33	0.30	7,333.33	0.40
16,522.71	0.30	10,408.33	0.26	11,015.14	0.53
65,000.00	1.00	30,000.00	0.80	20,000.00	0.57
0.00	0.20	0.00	0.00	0.00	0.00
15,147.14	0.80	4,157.14	0.17	742.86	0.03
14,680.53	0.29	9,248.82	0.29	3,500.78	0.12
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00		0.00	
0.00		0.00		0.00	
50,000.00	1.00	20,000.00	0.44	0.00	0.00
0.00	0.56	0.00	0.00	0.00	0.00
13,675.00	0.89	2,950.00	0.11	0.00	0.00
13,191.18	0.16	6,320.18	0.16	0.00	0.00
50,000.00	1.00	90,000.00	0.67	1,000.00	0.04
0.00	0.33	0.00	0.00	0.00	0.00
27,222.22	0.59	28,888.89	0.40	111.11	0.00
17,519.83	0.22	30,900.83	0.23	333.33	0.01
65,000.00	1.00	30,000.00	0.60	35,000.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00
12,222.22	0.74	2,777.78	0.17	1,666.67	0.08
16,022.42	0.30	6,646.77	0.23	6,933.75	0.26
0.00	0.00	5,000.00	1.00	5,000.00	0.50
0.00	0.00	0.00	0.50	0.00	0.00
0.00	0.00	1,600.00	0.88	500.00	0.13
0.00	0.00	2,170.51	0.25	1,581.14	0.25
100,000.00	0.83	50,000.00	1.00	0.00	0.00
0.00	0.00	0.00	0.17	0.00	0.00
22,363.64	0.41	17,166.67	0.59	0.00	0.00
34,823.19	0.34	18,634.4	0.34	0.00	0.00

0 1,600.00 .

5,000.00 , 가 0 . 가

22,363.64 17,166.67 100,000.00 , 가 0 ... 가 50,000.00 , 가 가 0 .

```
4 - 11
                                              73,504.32
                                          (450,000.00),
                        (94,584.03)
      (124,402.73),
               가 가
                                  (524,017.00 ) , 가
         (15.612.00 ) .
                65,063.91
                     (234,366.67),
                                      (141,069.40),
      (84,883.67 ) .
                                                 가가
              (727,209.00), 가
                                             (18,274.00
)
                6,213.01
           (215,633.33),
                             (11,539.17 ) .
               가 가
                                  (447,825.00 ) , 가
            (16,938.00).
                              29,681.00 20,906.25 ,
                                            21,698.43
        5,806.65 .
15,946.14
                         13,840.20 .
          ,
   가
         22,670.00 , 가
                               -26,280.00 .
                                         33,838.25 ,
                              53,113.90
        19,275.65 .
                                            80,871.12
                          31,338.50 .
56,289.71
```

, 가

73,402.50

-12,810.00 .

)

가

4-11.

700,000.00	730,040.00	491,825.00
3,000.00	1,410.00	(205,040.00)
73,504.32	65,063.91	6,213.01
136,366.69	149,749.94	65,902.12
35,212.00	27,834.00	7,378.00
19,600.00	9,560.00	(9,560.00)
27,406.00	19,272.33	(1,001.67)
11,039.35	9,191.18	8,470.41
43,445.00	53,189.00	28,440.00
3,000.00	2,256.10	(28,619.50)
20,973.60	16,618.53	3,817.29
11,660.96	11,410.93	10,382.15
700,000.00	256,000.00	491,825.00
300,000.00	208,175.00	44,000.00
450,000.00	234,366.67	215,633.33
217,944.95	24,236.16	241,528.76
248,390.00	167,172.00	81,218.00
4,498.90	1,410.00	(1,410.00)
42,306.60	28,652.10	11,539.17
59,569.55	39,301.61	20,026.60
206,692.00	183,706.00	62,739.00
5,010.50	3,996.00	(24,686.00)
94,584.03	84,883.67	9,700.37
86,215.12	83,806.59	29,531.42
530,000.00	730,040.00	62,896.00
5,983.00	2,831.00	(205,040.00)
124,402.73	141,069.40	(16,666.67)
186,325.28	254,766.4	73,404.48
57,834.00	52,300.00	22,670.00
1,700.00	1,847.50	(26,280.00)
29,681.00	20,906.25	5,806.65
21,698.43	15,946.14	13,840.20
280,000.00	207,025.00	73,402.50
2,400.00	2,273.00	(12,810.00)
53,113.90	33,838.25	19,275.65
80,871.12	56,289.71	31,338.50

```
4 - 12
            가
             34,606.03
        (85,166.67),
                      (82,675.95).
             가 가
                         (422,596.00 ) , 가
          (5,550.00).
              20,168.63
         (92,166.67),
                        (44,935.00)
               가 가
                                 (195,000.00 ) , 가
             (7,800.00).
                                  1,853.15 , 128.86
 1,801.52
          가 6,382.90
                                     가
          (19,200.00),
                          (15,078.38 ) . 가
          가 가
                           (91,115.00 ) , 가
      (2,972.00).
                          14,550.00 3,294.00 ,
 가 1,867.75
                                       9,993.72
6,541.73 , 가
                                               가
                       1,167.29 .
가 29,300.00
                , 가
                         1,150,00 .
                         17,596.17 10,320.83 ,
가 3,851.75 .
                                      29,620.89
22,120.47 , 가
                        5,042.54 .
가가 108,500.00 , 가
                          1,200 .00 .
```

4-12.

											.)
										가	
425,000.00	0.97	195,000.00	0.71	41,500.00	0.20	3,000.00	0.03	31,000.00	0.12	91,240.00	0.86
220.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.01
34,606.03	0.60	20,168.63	0.21	1,853.15	0.04	128.86	0.00	1,801.52	0.00	6,382.90	0.15
83,915.98	0.22	45,313.50	0.23	5,325.19	0.04	486.08	0.00	6,737.88	0.02	15,979.26	0.14
10,750.00	0.54	10,000.00	0.49	1,584.00	0.06	100.00	0.00	200.00	0.01	5,000.00	0.23
5,200.00	0.36	2,200.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	1,833.00	0.09
7,783.33	0.43	7,400.00	0.36	892.67	0.04	55.33	0.00	76.67	0.00	2,997.67	0.17
2,794.79	0.10	4,503.33	0.13	810.97	0.03	50.85	0.00	107.86	0.00	1,741.76	0.07
41,050.00	0.97	20,000.00	0.60	919.00	0.10	300.00	0.03	0.00	0.00	5,913.00	0.67
680.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	232.00	0.03
9,981.39	0.65	4,139.7	0.16	254.17	0.02	10.95	0.00	0.00	0.00	2,029.68	0.16
7,081.50	0.20	5,579.63	0.21	281.24	0.03	48.37	0.01	0.00	0.00	1,400.59	0.13
91,300.00		127,000.00		41,500.00	0.20	300.00	0.00	25,000.00	0.12	27,925.00	0.12
81,900.00	0.32	50,500.00		20,000.00	0.08	0.00	0.00	700.00	0.00	8,575.00	0.04
85,166.67	0.37	92,166.67		28,166.67	0.12	100.00	0.00	9,566.67	0.04	19,200.00	
5,315.39	0.04	38,705.08		11,64.03	0.07	173.21	0.00	13,415.04	0.07	9,813.93	0.04
48,100.00		108,000.00		8,952.00	0.12	50.00	0.00	50.00	0.01	3,430.00	0.84
220.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	458.00	0.01
13,272.25	0.55	12,264.80		1,340.85	0.04	7.50	0.00	5.00	0.00	1,761.70	0.15
12,510.8	0.25	26,153.14		2,232.31	0.04	13.72	0.00	15.39	0.00	875.00	0.18
66,750.00		100,000.00		11,208.00	0.08	1,000.00	0.02	1,000.00	0.01	7,500.00	0.86
532.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,230.00	0.04
29,583.50		44,935.00		4,622.17	0.04	246.67	0.00	320.00	0.00	4,788.00	0.25
29,865.30		47,563.92			0.03	416.01	0.01	379.47	0.00	2,177.02	0.32
425,000.00		195,000.00		4,116.00	0.13	3,000.00	0.01	31,000.00		91,240.00	
2,404.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.01
82,675.95		36,487.04	0.17	1,136.47	0.05	365.50	0.00	5,264.29	0.01	15,078.38	0.11
145,712.07 29,300.00		70,514.37 19,500.00		1,209.13 3,800.00	0.04	852.55	0.00	11,153.12 10.00	0.02	27,812.70 3,500.00	0.08
1,150.00	0.85	0.00	0.38	0.00	0.14	40.00 0.00	0.00	0.00	0.00	122.50	0.17
14,550.00	0.47	3,294.00	0.00	1,175.00	0.00	16.50	0.00	3.00	0.00	1,867.75	0.07
9,993.72	0.00	6,541.73	0.17	1,265.8	0.05	15.10	0.00	4.83	0.00	1,167.29	0.10
108,500.00		78,000.00		6,311.00	0.05	200.00	0.00	1,300.00	0.00	16,725.00	0.03
1,200.00	0.11	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	276.00	0.03
17,596.17	0.11	10,320.83		1,702.83	0.00	44.17	0.00	291.67	0.00	3,851.75	0.03
29,620.89		22,120.47		1,991.53	0.07	75.13	0.00	531.65	0.03	5,042.54	0.13
23,020.03	0.20	22,120.41	0.24	1,551.00	0.00	10.10	0.00	331.03	0.10	3,042.34	0.03

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4 - 13
  18% ,
(39%), (24%)
                     (21%)
                              (281%) , 가
             가가
    (25%) .
                235% ,
      (354%)
                  (335%) .
     가가
                     (2,715%) , 가
                                             (20%)
                68% ,
             (194%)
                        (77%) .
       가 가
                         (800%) , 가
(3%) .
                   0.81
                 (1.81)
                            (1.07).
           가가
                            (5.86), 가
   (0.90).
                                    26% 0.95 ,
                            20% 0.52
                 51% , 가
          가
                            - 9% .
                   35% 84%
                                     36% 96%
                                     36% 1.56
                           189% 0.96 .
                   79% , 가 - 450% .
            가
                       85% 156% ,
                                          61% 164%
```

196

4-13.

		()	
0.75	27.27	5.86	8.00
(2.08)	0.00	0.00	0.00
0.18	2.35	0.81	0.68
0.43	4.66	0.91	0.95
0.43	0.20	1.31	1.00
(0.04)	0.20	0.00	0.40
0.04)	0.00	0.55	0.40
0.08	0.10	0.68	0.77
0.73	14.00	3.40	1.64
(2.08)	0.00	0.00	0.00
0.14	2.07	0.00	0.00
0.1 4 0.55	4.16	0.70	0.72
0.55	1.00	4.08	0.44
0.70			
	0.50	0.63	0.05 0.07
0.39	0.83	1.81	
0.28	0.29	1.97	0.01
0.73	27.27	5.86	1.06
(0.08)	0.13	0.00	0.05
0.21	3.54	1.07	0.43
0.20	6.80	1.41	0.33
0.75	7.33	0.90	8.00
(0.16)	0.04	0.00	0.00
0.24	3.35	0.39	1.94
0.32	3.69	0.38	2.59
0.73	8.00	2.03	1.79
(0.47)	0.00	0.00	0.00
0.19	1.57	0.79	0.44
0.40	2.56	0.55	0.48
0.51	1.00	2.00	2.45
(0.09)	0.00	0.00	0.00
0.26	0.35	0.95	0.84
0.20	0.36	0.52	0.96
0.79	1.67	3.55	5.04
(4.50)	0.00	0.05	0.21
(0.36)	0.85	0.95	1.56
1.89	0.61	0.96	1.64

```
)
      가 가
                                            가
     4 - 14
                                                             가
                                              가
                                                                         가
     74,495.86
                                     (450,000.00)
                                                                (124,319.74
                                           가
    )
                  (76,494.84 ) .
 가 가
                            (524,017.00 ) , 가
 (67,212.00)
                     가
                                        9,971.31
      가
                                    가
  (40,421.20),
                           (26,.417.00)
                                                  (17,808.40)
                    가
                                                     가가
    (183,706.00 ) , 가
                                               (23,914.60 ) .
4-14.
                        가
                            700,000.00
                                                        183,706.00
                               0.00
                                                           0.00
                             74,495.86
                                                          9,971.31
                            134,218.82
                                                         27,662.91
                             67,212.00
                                                         52,834.00
                              0.00
                                                           0.00
                            33,606.00
                                                         26,417.00
                             47,526.06
                                                         37,359.28
                             81,309.00
                                                         23,914.60
                             3,000.00
                                                           0.00
                             28,589.38
                                                          5,212.48
                             15,965.89
                                                          7,997.16
                            700,000.00
                                                           0.00
                            300,000.00
                                                           0.00
                            450,000.00
                                                           0.00
                            217,944.95
                                                           0.00
                                                         167,172.00
                            248,390.00
                              0.00
                                                           0.00
                             41,523.69
                                                         17,808.40
                             58,334.28
                                                         42,212.26
```

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159,020.00	183,706.00
5,010.50	0.00
76,494.84	40,421.20
70,937.90	80,314.83
530,000.00	33,105.00
5,983.00	0.00
124,319.7	5,777.66
186,375.53	10,899.38
70,834.00	57,300.00
0.00	0.00
30,658.78	11,172.22
25,437.91	22,445.73
280,000.00	20,000.00
2,400.00	0.00
66,142.80	2,436.36
87,601.40	6,172.08

```
가
 4 - 15
                                            가
      56,064.13 ,
                                 가
     가
                            (187,735.78),
(76,905.33 ),
                (67,038.21 ) .
                                   가
         가가
                        (169,517.01 ) , 가
    (34,357.97 ) .
                   746.77 ,
           가
  가
                    가
           (2,010.87 ) (1,245.23 ) .
가가 (9,263.19 )
(3,150.56),
가
                                   (9,263.19)
                   (212.47 ) .
, 가
                   8,628.35 , 가
           가
                                         가
                            (22,837.33),
      가
                 (18,763.21 ) . 가
(19,050.00)
        가 가
                          (14,845.83 ) , 가가
           (9,251.39 ) .
                           20,202.22 0 ,
                19,481.22 0 .
가
     60,000.00
                            33,204.27 2,972.73
                      47,350.91 5,740.05 .
          가 171,500.00 .
```

4-15. 가

		(:
688,000.00	26,680.00	30,000.00
0.00	0.00	0.00
56,064.13	746.77	8,628.35
141,260.35	3,388.77	8,885.98
20,000.00	0.00	1,500.00
2,000.00	0.00	0.00
11,000.00	0.00	500.00
12,727.92	0.00	866.03
53,189.00	4,150.00	24,700.00
0.00	0.00	0.00
14,662.07	216.25	7,429.59
13,104.40	770.98	7,704.24
572,600.00	0.00	28,000.00
200,000.00	0.00	24,000.00
332,500.00	0.00	25,666.67
208,305.09	0.00	2,081.67
55,530.00	26,680.00	24,900.00
400.00	0.00	0.00
17,011.70	1,999.00	10,012.50
12,008.13	6,247.33	7,853.16
154,511.00	15,300.00	19,500.00
7,300.00	0.00	0.00
45,797.00	3,060.00	6,000.00
61,316.79	6,842.37	7,906.01
688,000.00	10,000.00	30,000.00
0.00	0.00	0.00
116,384.37	344.83	8,900.00
224,061.23	1,856.95	10,153.92
60,000.00	0.00	15,000.00
3,000.00	0.00	0.00
20,202.22	0.00	6,944.44
19,481.22	0.00	6,356.32
171,500.00	18,000.00	25,000.00
0.00	0.00	0.00
33,204.27	2,972.73	13,245.45
47,350.91	5,740.05	7,263.80

3)

가)

4 - 16 , , ,

. 4-16

·

5.66 .

가 (6.42), (5.15). 가 7.93,가 2.57. 가 (2.27),가

가 (2.27) , 기 (2.14) .

4.75

7.00 가 2.00 2.22 .

4-16.

7.93	0.00	7.90	7.93	0.00
2.57	0.00	2.57	4.90	0.00
5.66	-	5.15	6.42	-
2.28	-	2.67	2.14	-
7.00	0.00	7.00	-	0.00
2.00	0.00	2.00	-	0.00
4.75	-	4.75	-	-
2.22	-	2.22	-	-

```
)
  4 - 17
                        24.07ha ,
                              가 가
(35.69ha) .
                                               (7.75ha) ,
            가 가
                          (33.69ha) .
      12,000,000.00 ,
                                             (25,000,000.00
 ) .
                        142.12 ,
(292.30) .
                              가가
                                              (17.82),
            가가
                          (237.75) .
      54.40 (45.1%), 34.00 (28.2%), 32.33 (26.8%)
                                                   (100%),
    (100%), (58.5%), (45.3%)
     41.5% .
```

203 4.

4-17. (: ha, ,)

91.00	25,000,000.0	0840.00	245.00	160.00	65.3%	38.00	15.5%	47.00	19.2%
1.10	5,000,000.0	0.00	61.00	21.00	34.4%	30.00	49.2%	10.00	16.4%
24.07	12,000,000.00	142.12	120.73	54.40	45.1%	34.00	28.2%	32.33	26.8%
25.08	11,269,427.6	7189.14	56.4B	31.17	55.2%	5.66	10.0%	19.66	34.8%
19.50	-	72.00	72.00	72.00	100.0%	0.00	0.0%	0.00	0.0%
2.00	-	23.00	60.00	60.00	100.0%	0.00	0.0%	0.00	0.0%
13.13	-	53.25	65.50	65.50	100.0%	-	0.0%	-	0.0%
7.75	-	22.60	5.92	5.92	100.0%	-	0.0%	-	0.0%
91.00	25,000,000.00	55.00	201.00	123.00	61.2%	38.00	18.9%	40.00	19.9%
4.50	25,000,000.0	0 10.00	61.00	21.00	34.4%	30.00	49.2%	10.00	16.4%
35.69	25,000,000.0	0 35.88	107.86	48.86	45.3%	34.00	31.5%	25.00	23.2%
33.69	-	17.82	61.71	34.84	56.5%	5.66	9.2%	21.21	34.4%
46.10	6,000,000.0	0 142.00	207.00	160.00	77.3%	0.00	0.0%	47.00	22.7%
5.00	6,000,000.0	0 12.00	68.00	21.00	30.9%	0.00	0.0%	47.00	69.1%
17.73	6,000,000.0	0 68.00	113.25	66.25	58.5%	-	0.0%	47.00	41.5%
19.22	-	64.48	63.91	63.91	100.0%	-	0.0%	-	0.0%
75.80	5,000,000.0	0840.00	70.00	70.00	100.0%	0.00	0.0%	-	0.0%
1.10	5,000,000.0	0.00	30.00	30.00	100.0%	0.00	0.0%	-	0.0%
21.70	5,000,000.0	0 292.30	49.10	49.10	100.0%	-	0.0%	-	0.0%
22.88	-	237.75	15.34	15.34	100.0%	-	0.0%	-	0.0%

4 - 18

, 18 (41.9%), 2 (4.7%), 15 (34.9%), (2.3%), 7 (16.3%) .

4-18. (:)

43	18	41.9%	2	4.7%	15	34.9%	1	2.3%	7	16.3%
10	3	30.0%	0	0.0%	6	60.0%	0	0.0%	1	10.0%
13	4	30.8%	1	7.7%	8	61.5%	0	0.0%	0	0.0%
8	2	25.0%	1	12.5%	1	12.5%	1	12.5%	3	37.5%
 12	9	75.0%	0	0.0%	0	0.0%	0	0.0%	3	25.0%

가 (75.0%) (12.5%) (7.7%) . (61.5%),

(12.5%)

)

· - -

, , 4-19 .

17,540.38 .

(28,600.00) , 가

(5,812.50) .

가가 (23,804.76) , 가가 (4,365.47) .

4-19.

50,000.00	1.00	210,000.00	1.00		
0.00	0.00	0.00	0.00		
17,540.38	0.61	22,903.85	0.39		
16,832.42	0.43	47,888.21	0.43		
12,000.00	1.00	10,000.00	0.78		
2,000.00	0.22	0.00	0.00		
5,812.50	0.47	6,375.00	0.53		
4,365.47	0.36	4,422.95	0.36		
40,000.00	1.00	120,000.00	1.00		
0.00	0.00	0.00	0.00		
10,850.00	0.31	38,125.00	0.69		
14,345.03	0.38	43,910.42	0.38		
50,000.00	0.67	210,000.00	1.00		
0.00	0.00	0.00	0.33		
15,000.00	0.24	66,250.00	0.76		
23,804.76	0.37	96,727.71	0.37		
48,000.00	1.00	0.00	0.00		
10,000.00	1.00	0.00	0.00		
28,600.00	1.00	0.00	0.00		
13,858.01	0.00	0.00	0.00		

205 4.

```
22,903.85
                                    (66,250.00),
(38,125.00 ) ,
                        가
                                      (00.00) .
                 가가
                               (96,727.71 ) , 가가
             (00.00).
      39%
   4 - 20
                         5,671.15 .
                          (22,500.00), (5,962.50)
                         (45,000.00),
            가가
                                           가가
       (00.00) .
4-20.
                                              ( :
```

90,000.00 1.00 0.00 0.00 1.00 0.00 0.00 0.00 5,671.15 1.00 0.00 0.00 18,926.06 0.00 0.00 0.00 3,500.00 1.00 0.00 0.00 1.00 0.00 0.00 0.00 2,437.50 1.00 0.00 0.00 0.00 0.00 0.00 1,637.7 40,000.00 1.00 0.00 0.00 0.00 1.00 0.00 0.00 5,962.50 1.00 0.00 0.00 14,014.68 0.00 0.00 0.00 90,000.00 1.00 0.00 0.00 0.00 1.00 0.00 0.00 22,500.00 1.00 0.00 0.00 45,000.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

4-21.

1,368,000.00	303,054.00	1,357,568.00
0.00	0.00	(303,054.00)
81,203.94	26,116.12	55,087.82
265,887.10	61,311.36	274,135.79
42,000.00	26,000.00	2,000.00
4,000.00	2,000.00	(16,700.00)
15,050.00	12,050.00	(6,000.00)
18,115.28	10,596.07	8,667.56
200,000.00	303,054.00	86,945.00
0.00	58.00	(303,054.00)
52,474.63	61,286.50	(8,811.88)
69,241.33	105,047.04	122,185.02
1,368,000.00	10,432.00	1,357,568.00
11,200.00	0.00	5,350.00
365,801.34	4,246.75	361,554.59
668,489.65	4,878.75	664,437.20
51,360.00	41,440.00	42,000.00
2,200.00	0.00	(23,680.00)
16,810.00	12,354.00	4,456.00
17,196.72	14,261.75	19,309.03

207 4.

(4,878.75) .

```
55,087.82 ,
           (361,554.59)
                                 (-8,811.88
                     가가 (664,437.20 )
 ) .
           가가
                     (8,667.56).
  4 - 22
        가 , ,
                12,498.00 ,
        (34,175.00 ) .
                                  가 가
       (62,576.17 ) , 가가
                                (1,058.30)
                8,417.32 ,
        (24,312.50 ) .
                                  가가
     (43,394.32 ) , 가가
                              (0.00 ) .
                                  905.15 ,
4.15 0.00 .
             가 59.12 ,
                                  가
                      가 가
         (384.25 ) . 가
(446.71 ) , 가
                      (0.00).
```

4-22.

										가	
183,000.00	1.00	120,000.0	0.58	10,055.00	0.84	54.00	0.31	0.00	0.00	832.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12,498.00	0.28	8,417.31	0.17	905.15	0.12	4.15	0.01	0.00	0.00	59.12	0.04
37,218.02	0.32	25,482.96	0.22	2,332.64	0.23	11.73	0.06	0.00	0.00	209.61	0.20
16,000.00	1.00	10,000.00	0.38	400.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,912.50	0.69	3,937.50	0.25	200.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
6,215.09	0.21	4,683.19	0.18	230.94	0.10	0.00	0.00	0.00	0.00	0.00	0.00
183,000.0	0 0.75	120,000.00	0.54	10,055.00	0.84	54.00	0.31	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34,175.00	0.40	24,312.50	0.25	2,785.50	0.31	13.50	0.04	0.00	0.00	0.00	0.00
62,576.17	0.31	43,394.32	0.23	3,678.8	0.31	18.63	0.11	0.00	0.00	0.00	0.00
2,000.00	0.34	5,200.00	0.58	450.00	0.08	0.00	0.00	0.00	0.00	832.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.13	2,150.00	0.36	112.50	0.03	0.00	0.00	0.00	0.00	384.25	0.36
1,058.30	0.19	2,589.08	0.31	225.00	0.04	0.00	0.00	0.00	0.00	446.71	0.56
5,000.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,581.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4-23 , . . .

.

10% , 10% (86%), (73%) . (-80%) (-37%) .

가가 (216%) , 가

(23%) .

209 4.

143% , (367%) . (260%) 가가 가가 (45%) . 18% , (100%) (21%) . 가가 (173%) , 가 (0.00%) . 0.82 , (1.04) . 가가 (1.38) , 가 (0.21) .

4-23.

		()	
1.00	5.19	3.78	3.00
(6.09)	0.00	0.00	0.00
0.10	1.43	0.82	0.18
1.55	1.95	0.97	0.61
0.50	1.57	0.93	0.33
(1.90)	0.67	0.57	0.00
(0.80)	1.13	0.69	0.21
1.23	0.45	0.21	0.14
0.99	5.19	3.78	0.33
0.43	0.00	0.00	0.00
0.73	2.60	1.04	0.08
0.23	3.67	1.38	0.13
1.00	0.00	0.73	3.00
0.48	0.00	0.30	0.00
0.86	0.00	0.49	1.00
0.25		0.22	1.73
1.00	0.00	0.00	0.00
(6.09)	0.00	0.00	0.00
(0.37)			0.00
2.16			0.00

÷

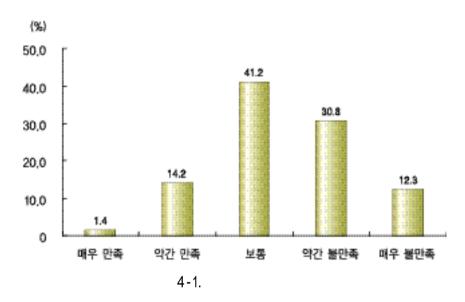
1)

가)

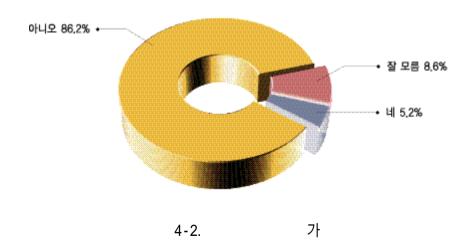
1.4%, " " 14.2% " " 7 7 7 7 41.2% . " " " " " " 30.8%, 12.3% 43.1% .

가 , 가

.

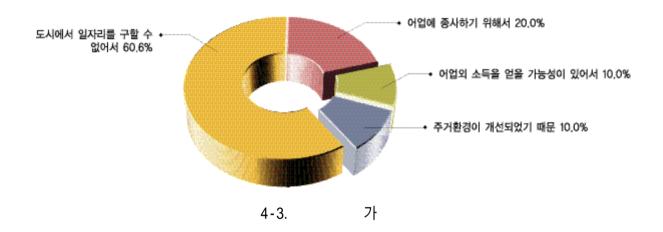


가 , 20 ~40 가 가 가 86.2%가 , 가 5.2% .

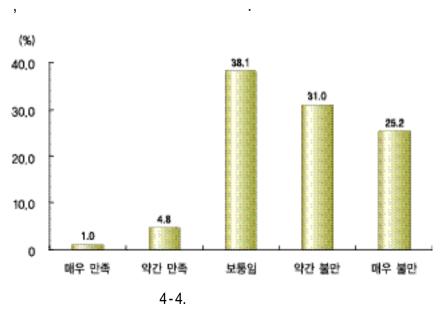


가 , "가 60.0% . "가 20.0% , "가 가 가 " 10% . 기가

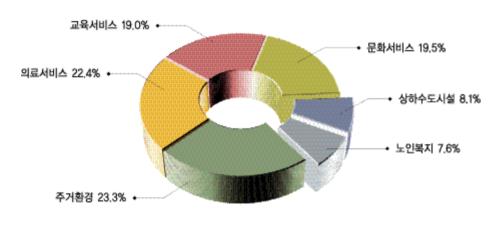
•



가 가, ." " 가 38.1% 가 , " "," " 56.2% . ,



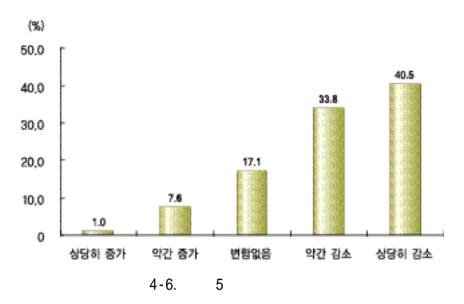
,



4-5.

)

가 5 40.5%ት" (33.8%)



43.0% | "81~100%"

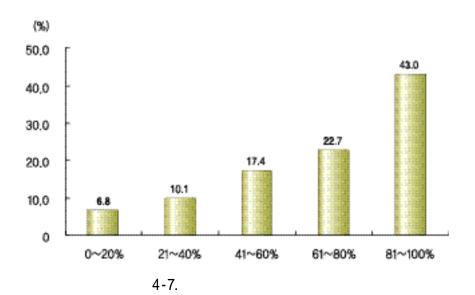
" 61~80%" 22.7%," 41~60% " 17.4%

65%

EEZ

가

가

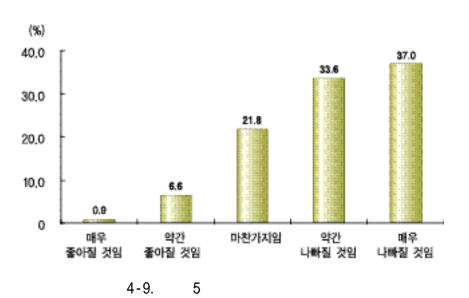


, 가 "1 ~2 " 32.9% 가 "2 ~3 " 27.6% . "1 " 20.5% ,

1천만원~2천만원 미만 32.9% → 3천만원~4천만원 미만 13.3% → 3천만원 미만 20.5% → 4천만원 이상 5.7% 4-8.

가 , 5
...
37.0% 가 , " " 33.6% . , 70.6%가 , " 21.8% ,
가 7.5% .

5



, 41.0% ነ " 41.1% , 18.0% 가 (%) 50,0 41.0 40,0 28.8 30.0 20.0 15.6 12.3 10,0 0 매우 만족 약간 만족 보통임 약간 불만 4-10. 41.9% " 26.7% 3D " "WTO, FTA 가 " 5.8%, 2.3% , 노력에 비해 낮은 소독 41.9% 기타 23.3% + WTO,FTA등으로 향후 장래 불안 2,3%

어촌 비전이 없음 5,8% +

4 - 11.

216

힘든 육체노동 26.7%

3 31.4% " " 26.7% ッド 26.7% 14.3% 9.5%

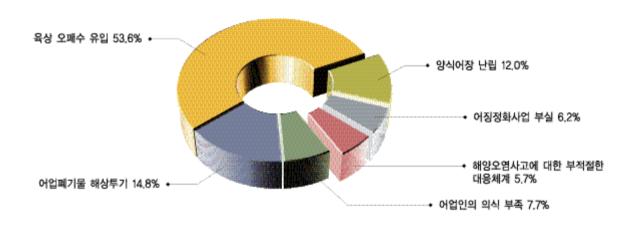
가 , 가 ,

노동력 부족 14.3% • 어업자원 감소 26.7% • 어업자원 감소 26.7% • 어업정보 부족 1.0% • 한매시장 불안정 6.7% • 어업관련 기술습득 0.5% • 자금조달 및 확보 9.5% 4-12. (3)

" " " 14.8% 12.0%

가

)

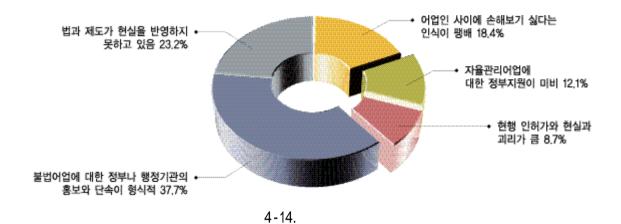


가 가 ,

. フト " "(37.7%) ,

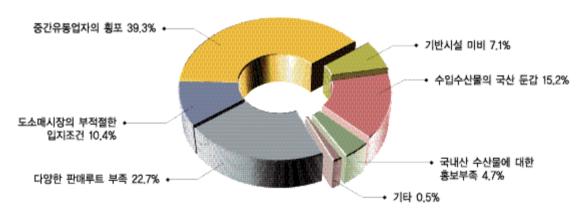
18.4% , 가

4-13.



プナ " 39.3% プナ " " 22.7% " " " " "

15.2% 10.4%



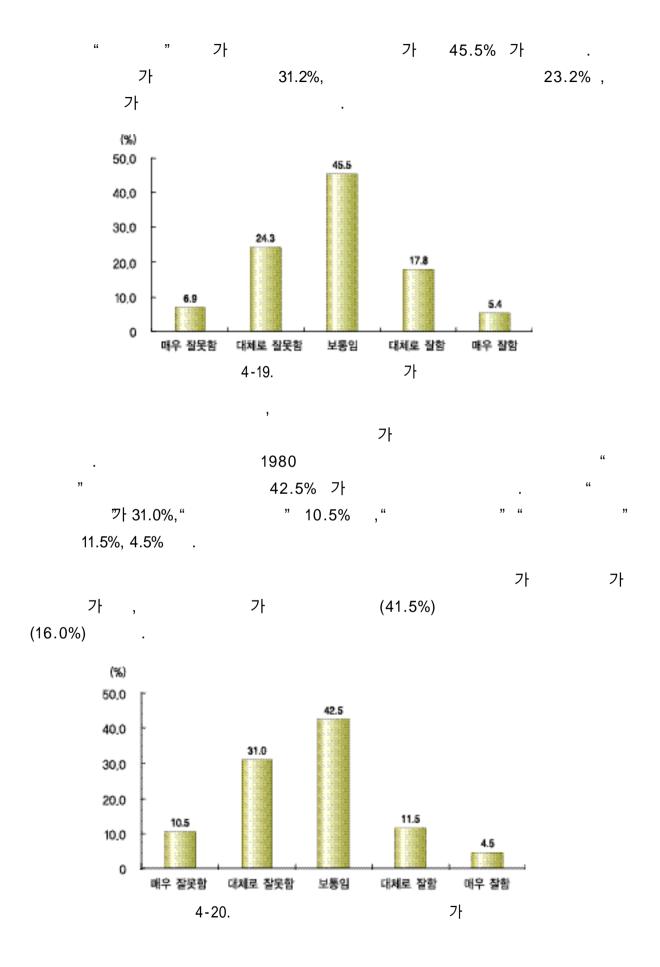
4-15.

가 가 , (WTO, WTO) WTO , (,) 가 까 5.7%, " " 28.1% " " 33.8% 38.6%, 10.5% WTO 49.1% 가 33.8% (%) 50,0 38.6 40,0 30,0 20,0 17.1 10.5 10,0 5.7 0 잘 앓고 있음 약간 알고 있음 보통임 전혀 모름 잘 모종

)

4-16. WTO (

```
가
 )
   가
                                                                 가
                                                  '(42.9%) 가
  가
                                                     26.1%,"
                                30.5% .
                    가
  4.4% ,
                                26.6%
           (%)
          50.0
                                     42.9
          40,0
          30,0
                                              26.1
                            20.2
          20,0
           10,0
            0
                         대체로 잘못함
                                            대체로 잘함
                                    보통염
                매우 잘못함
                         4 - 17.
                                            가
                                 가 "
                                                     가가
36.6% 가
                                             가
                                                                42.1%
                                   21.3%
                         가
                                          가
         (%)
        40.0
                                  36.6
                         28.2
        30,0
                                           18.8
        20,0
                13.9
        10,0
                                                     2.5
          0
                      대체로 잘못함
                                        대체로 잘함
             매우 잘못함
                                 보통임
                                                   매우 잘함
                         4-18.
                                             가
```



"" 7l(43.8%) , " "" " 가 37.4% . 가 18.9% .

> (%) 50,0 40,0 28.4 30,0 20.0 15.9 9.0 10,0 3.0 0 매우 잘못함 대체로 잘못함 보통임 대체로 잘함 매우 잘함 가 4-21.

" "(46.3%) 가 가 ," "" "가 26.9% . 26.9% .

(%) 50,0 46.3 40.0 30,0 22.9 20.4 20.0 10,0 0 매우 잘못함 대체로 잘못함 보통임 대체로 잘함 매우 찰핥 4-22. 가

48.3%ት" " 가 까 37.8%," " 7.5% , 가 45.3% 가 가 , 가 (%) 60,0 48.3 50,0 37.8 40,0 30,0 20,0 10,0 6.0 0 매우 잘못함 대체로 잘못함 보종임 대체로 잘함 매우 잘함 가 4-23. WTO FTA . 가 가 " 23.6% , 가 " 가 가 " 가 26.6% ," 69.3% " 가 " " 4.0% 가 (%) 50.0 45.7 40.0 30,0 26.6 23.6 20,0 10,0 3.5 0.5 0 매우 잘못함 대체로 잘못함 보틍임 대체로 잘함 매우 잘함 4-24. 가

가

가 . "(51.5%) . " 가 34.8%," " 7.6% ," "가 6.1% 가 , 6.1% 가

(%) 60,0 51.5 50.0 40,0 34.8 30,0 20.0 10,0 7.6 6.1 0 대체로 잘못함 매우 잘못함 보통임 대체로 잘함 4-25. 가 . 가

""가 51.0%가 17.5%, 가 11.0%. 가 20.5%

가 , 가 가

(%) 60.0 51.0 50,0 40.0 30,0 20,0 17.5 17.5 10,0 3.0 O 대체로 잘못함 대체로 잘함 매우 잘못함 보통임 매우 잘함 4-26. 가

가 . 가 가 가 . (48.5%) 가 가 "12.4% , " 10.9%," 까 26.7%," 가 39.1% 1.5% 12.4% 가 가 가 가 , 가 가 (%) 60,0 50,0 40,0 26,7 30.0 20,0 10.9 10,0 0 매우 잘못함 대체로 잘함 대체로 잘못함 보통임 매우 잘함

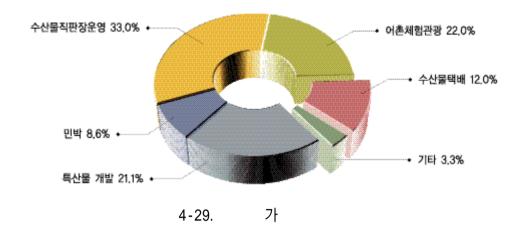
4-27. 가

가

2)

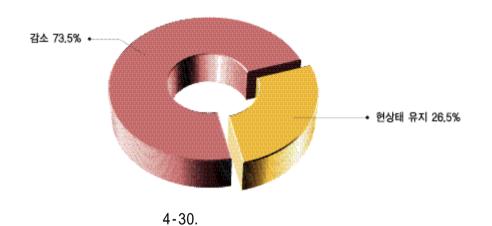
가		,		,	•		가
가)						."	
" 가 22.0% .	•	u	41.1%	и		" 가	
12.5%		,		60%			
	(%) 50,0 40,0 30,0 20,0 10,0	크게 기여함	41.1 약간 기여함	24.4 보통임	11. 5 기여하지 못하는 편임	1.0 전혀 기여하지 못함	
		4-28.					
"	,	33.0	フ % "	ŀ	"	, 22.0%	u
,			가				ű
"			21.1%		. "		" "
12.0%, 8.6%)	,					

227 4.



) 가

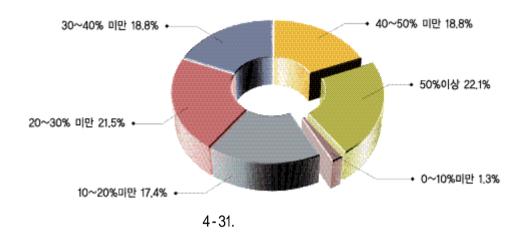
가 , "" 73.5% 가 . "" 26.5% .

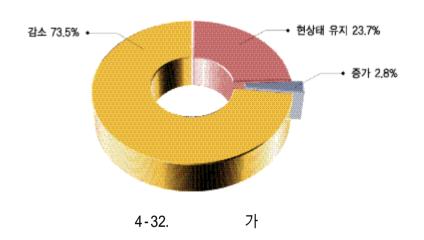


18.8% ," 10~20% "

30%

17.4%

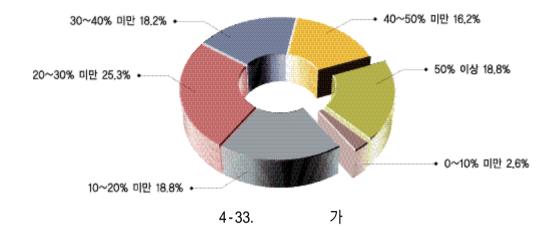




가 가 , " 20~30% " 25.3% 가 , " 10~20% " " 50% " 18.8% . " 30~40% " " 40~50% " 18.2% 16.2%

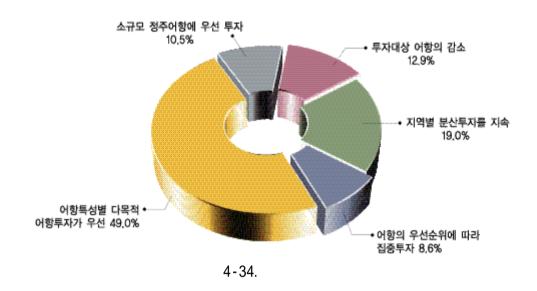
" 20~30% " 가 ,

229 4.



. "가 49.0% . 가 19.0% ,

.



가 " (23.7%) 가 " , " 19.3% . " 가 가 "," " 17.4%,

16.9%, 16.4%

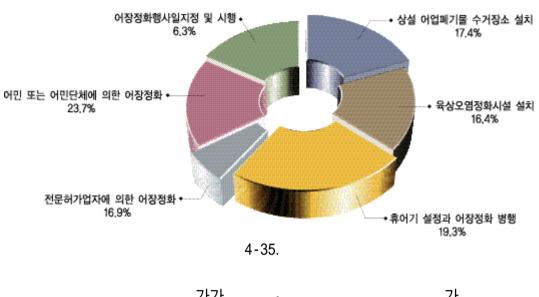
u

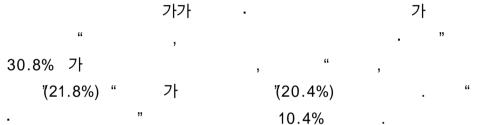
" 가 ,

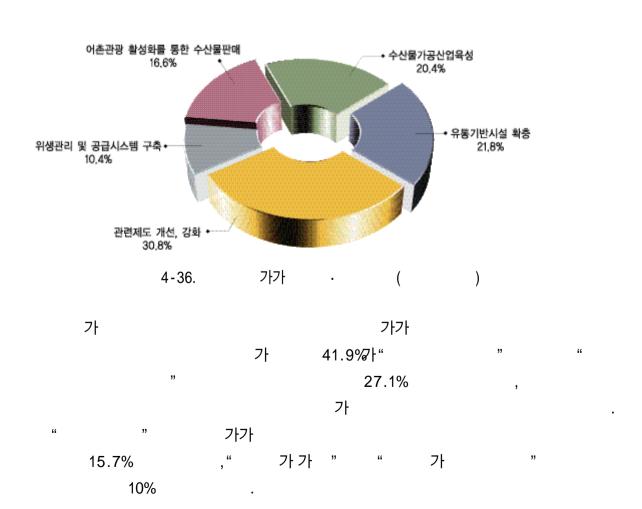
가 .

)

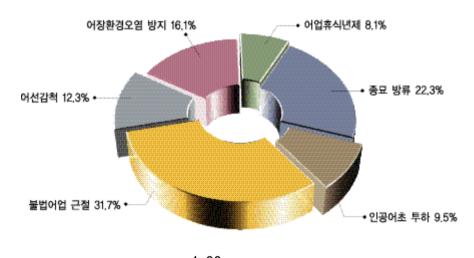
231 4.











4-38.

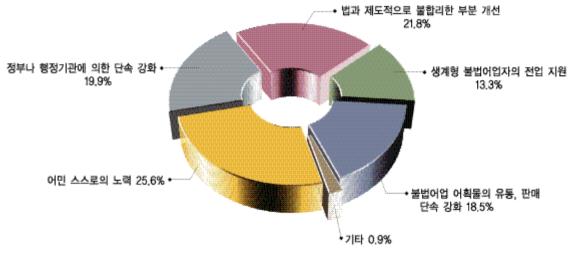
・ フト ," "(25.6%) フト ," "(21.8%) . " " "

19.9%, 18.5%

가

,

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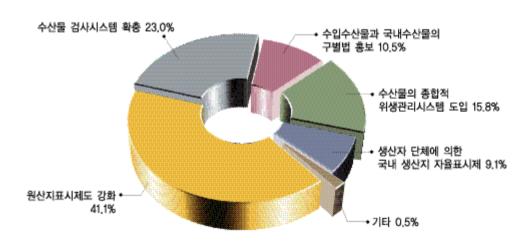


4-39.

가 , . 41.1% " " 가

" 23.0% . "

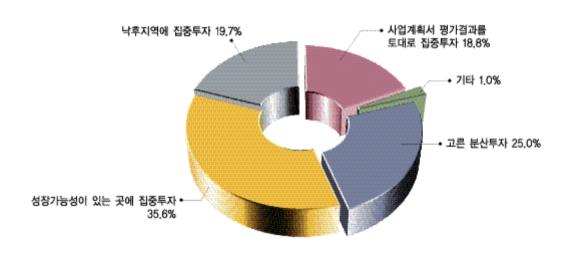
15.8% 10.5%



4-40.

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4 - 41.

가 가 가 가 ,

. 11 " " " 가 " 1.5%

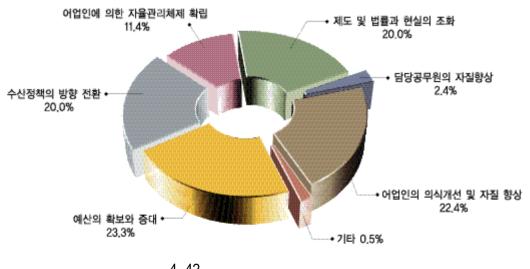
가 .

4-23.

		(%)
	407	100.0
	66	16.2
	75	18.4
	74	18.2
	36	8.8
	56	13.8
	31	7.6
	12	2.9
	12	2.9
가 .	33	8.1
	6	1.5
가	6	1.5

23.3% 22.4% " " 20.0% 가

" 11.4%," 2.4%



()

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	11	11
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	11	II .

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Korean Coastal and Offshore Fishery Census

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