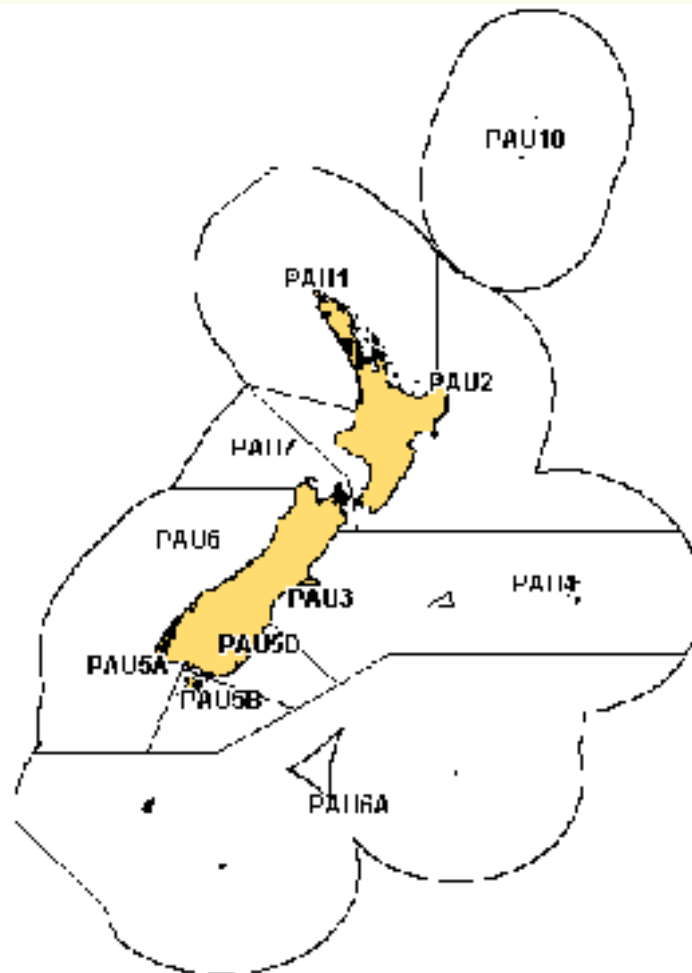


# PAUA QMAs



# PAU 3

- Clarence River to Waitaki River
- Number of Quota Owners = 31
- Number of Ace Holders = 22



# PAU 3 Harvest

- TACC = 92 tonnes
- Customary catch around 4580 paua
- Recreational catch 47 tonnes (25-60 tonnes)

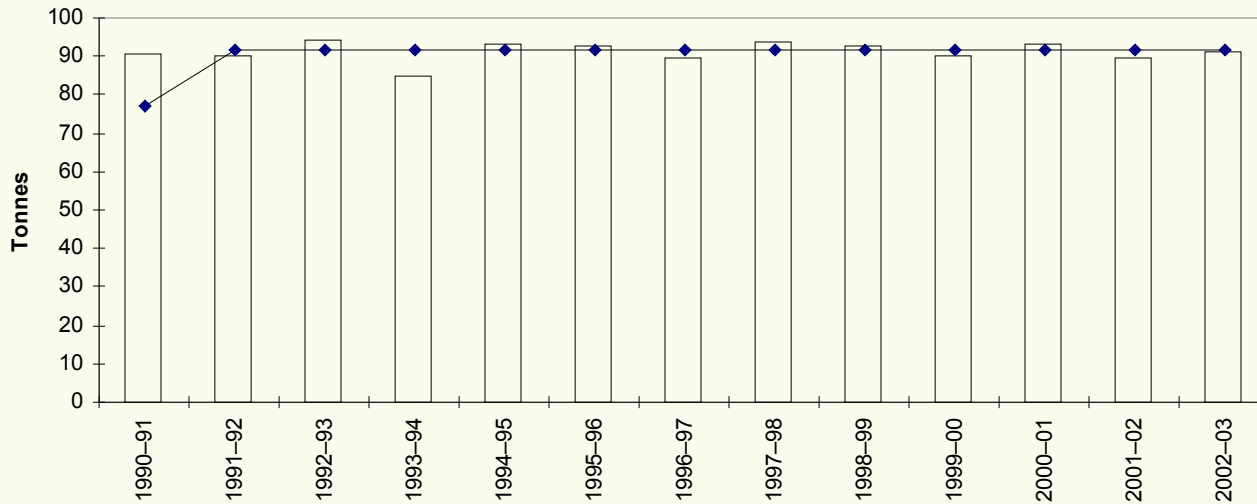


# Stock Status

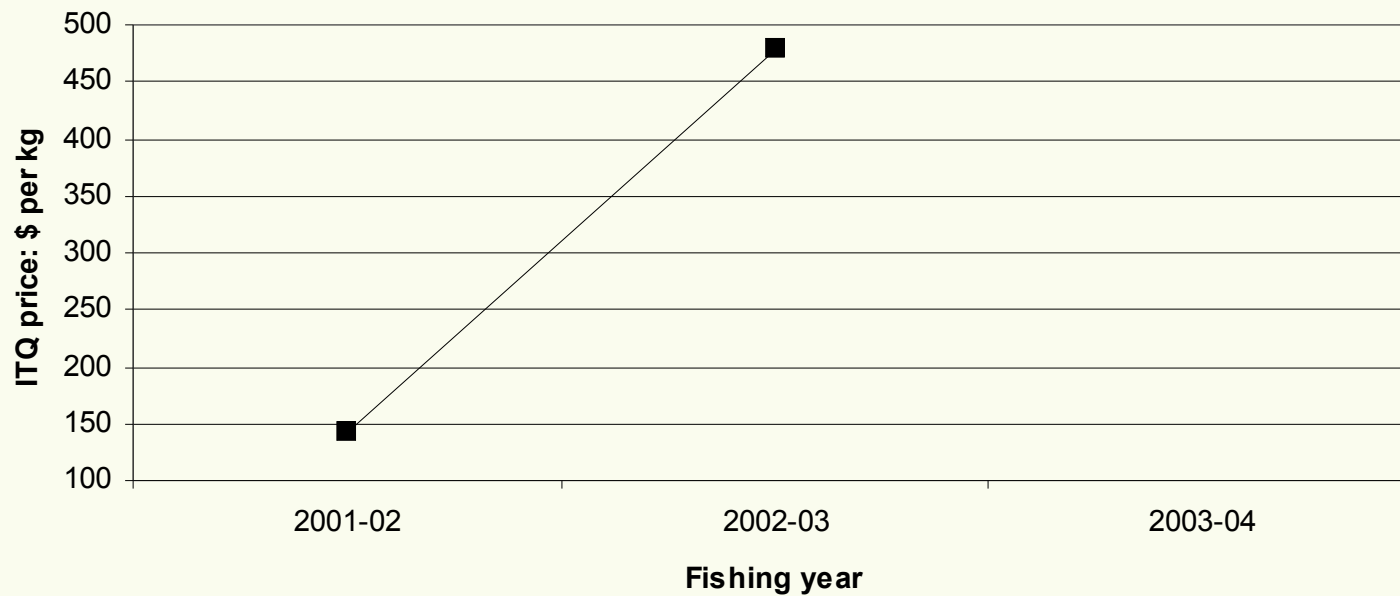
- Harvest strategy - MSY
- TAC - None
- TACC - 91.62 tonnes
- Recent stock assessment - No
- Current status or projection - Unknown
- Likely to be above Bmsy - Unknown

# TACC vs Landings

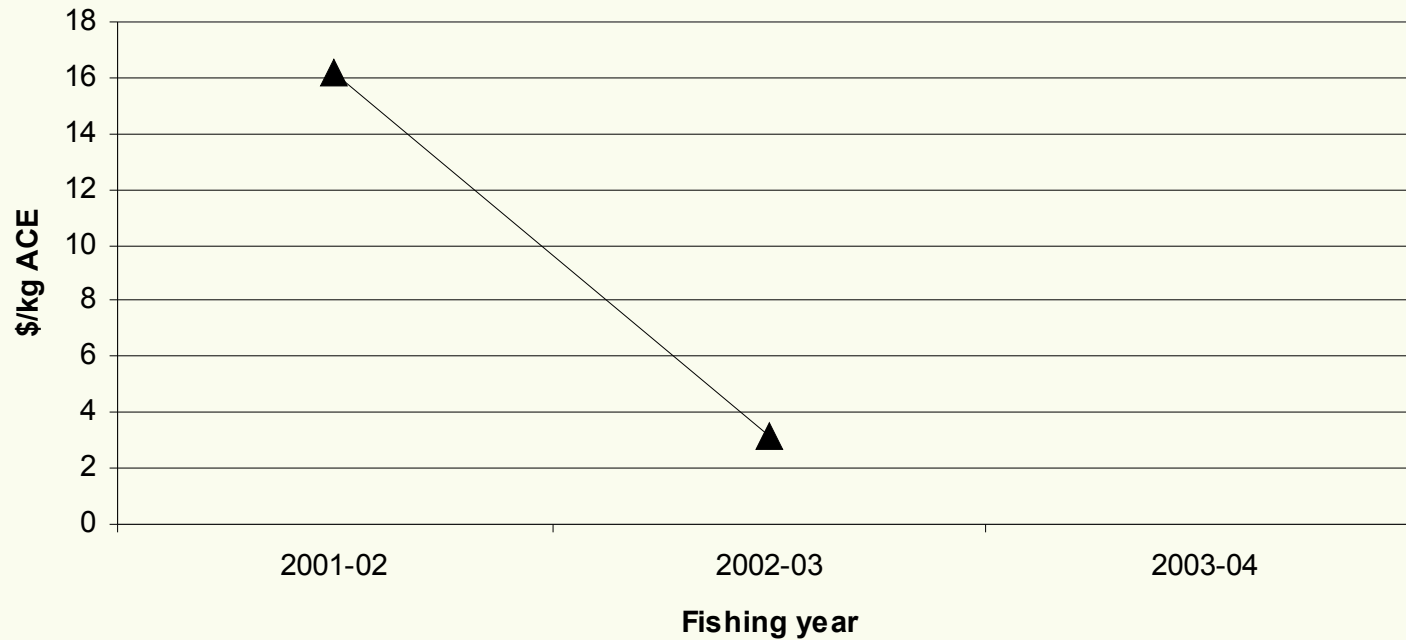
PAU 3



# ITQ Value



# ACE Price



# Research

2002-03: Catch sampling  
Stock assessment (CPUE)

2003-04: Catch Sampling

2004-05: Catch Sampling

2005-06: Catch Sampling

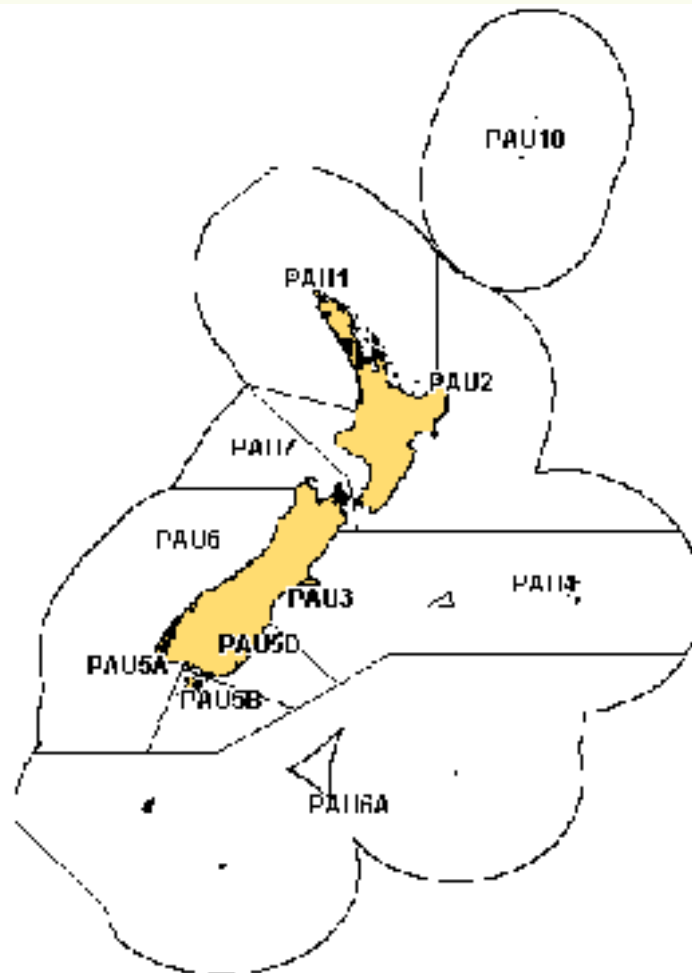


# Looking Ahead Issues & Opportunities

- No stock assessment
- Utilisation of stunted stocks



# PAUA QMAs



# PAU 4

- Chatham Islands
- Number of Quota Owners = 65
- Number of Ace Holders = 36



# PAU 4 Harvest

- TACC = 327 tonnes
- Customary catch- no estimates
- Recreational catch – no estimates

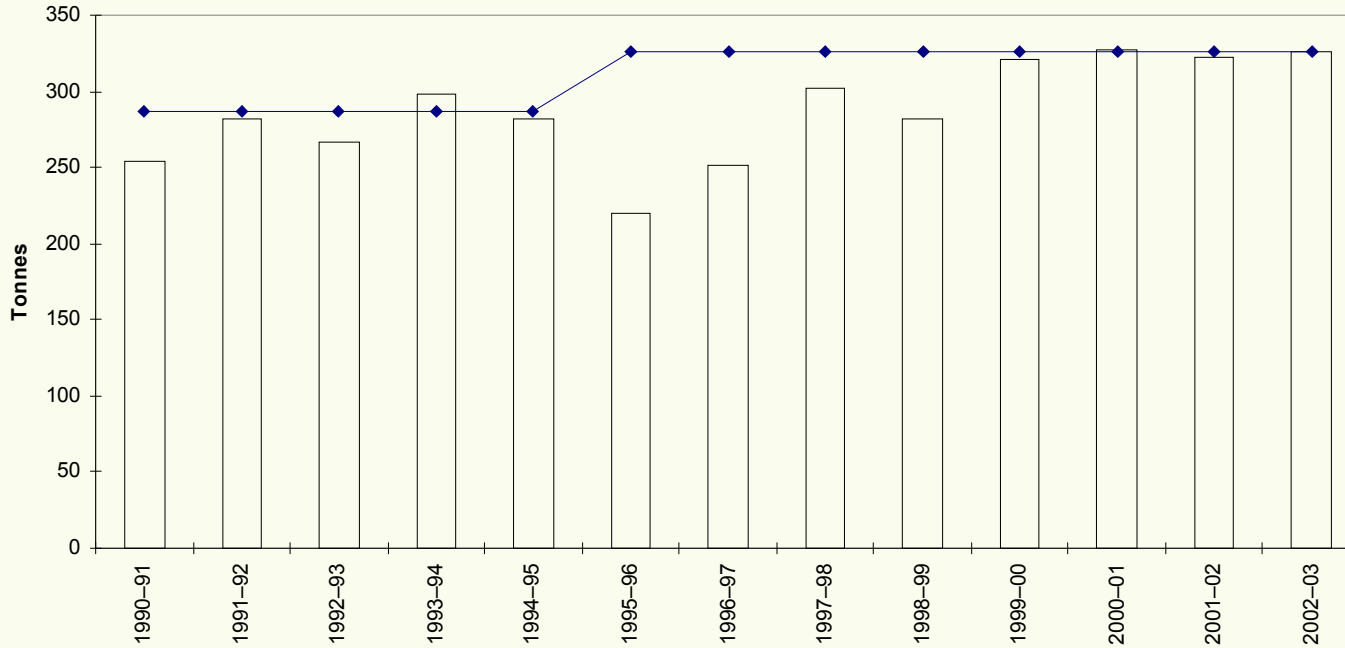


# Stock Status

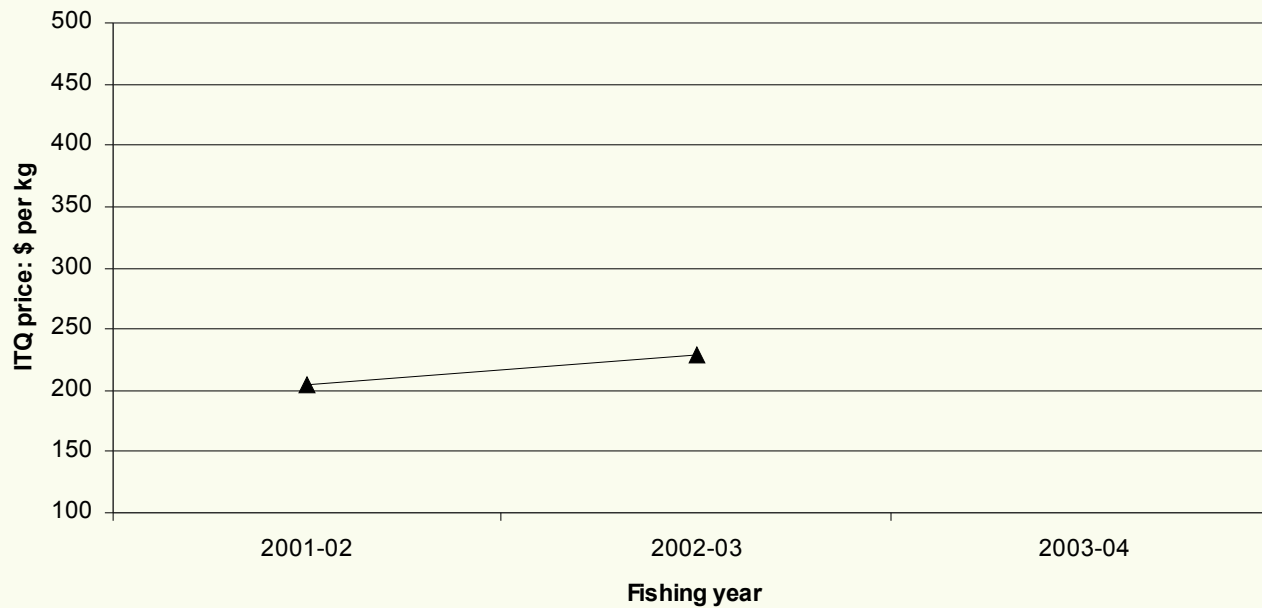
- Harvest strategy - MSY
- TAC - None
- TACC – 326.54 tonnes
- Recent stock assessment - 2004
- Current status or projection – sustainable catch level
- Likely to be above Bmsy - Unknown



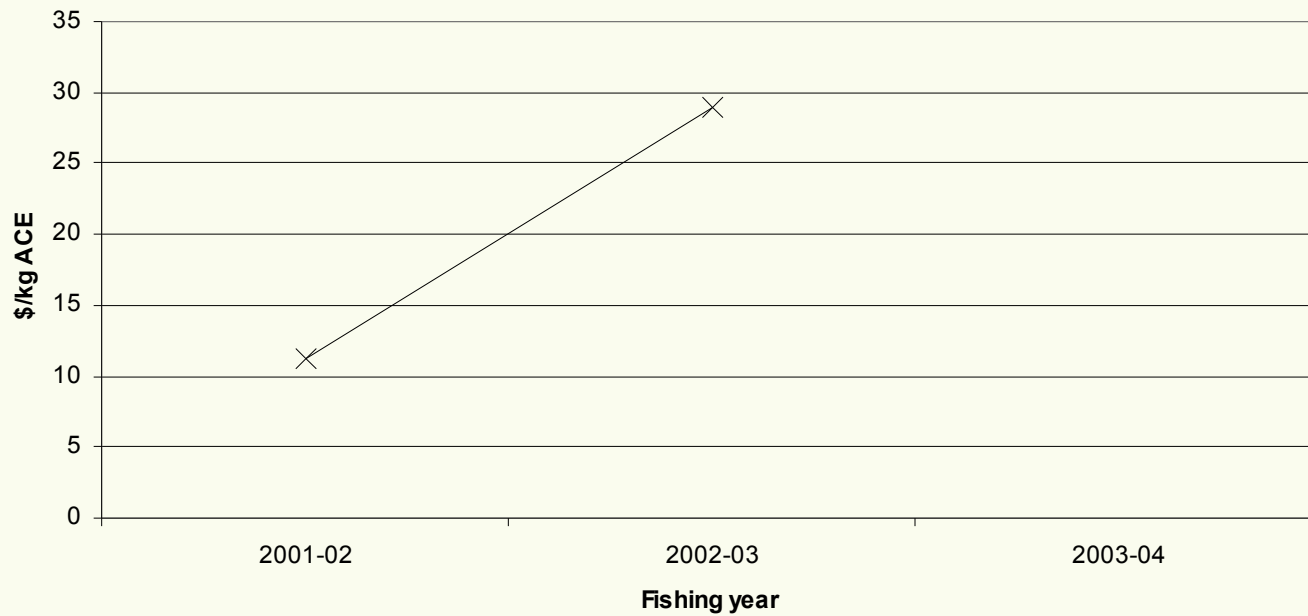
# TACC vs Landings



# ITQ Value



# ACE Price



# Research

2002-03: Catch sampling  
Stock assessment for 2004

2003-04: Catch sampling

2004-05: Catch sampling

2005-06: Catch sampling

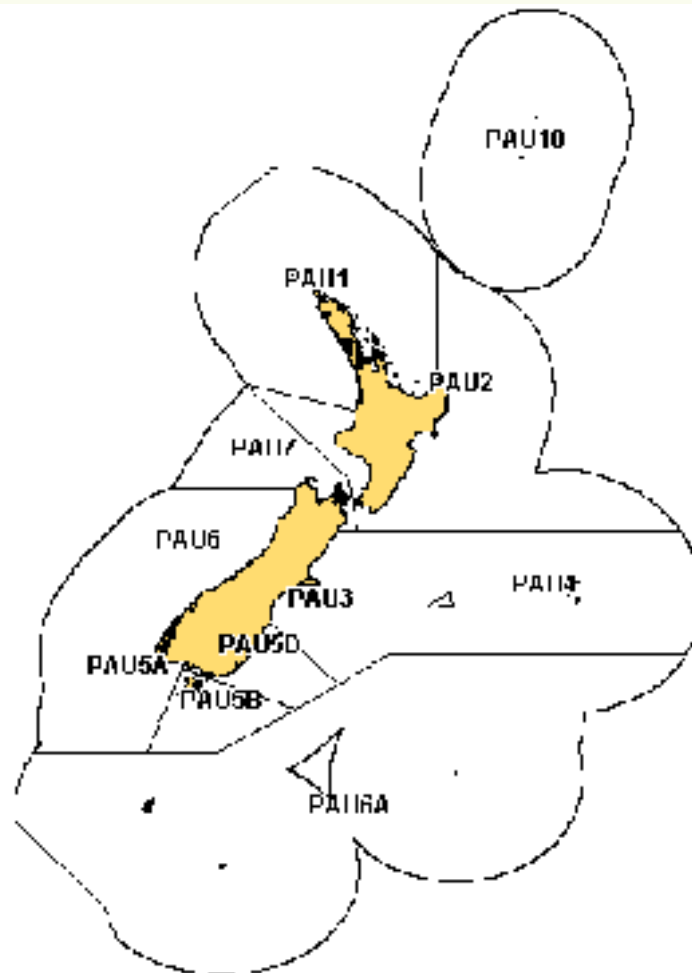


# Looking Ahead Issues & Opportunities

- Stock assessment had considerable uncertainty
- Need to think about a further stock assessment
- Non-commercial catch



# PAUA QMAs



# PAU 5A

- Awarua Point to Waiau River
- Number of Quota Owners = 64
- Number of Ace Holders = 23



# PAU 5A Harvest

TACC: 149 tonnes

Customary catch: None reported

Recreational catch: No estimate

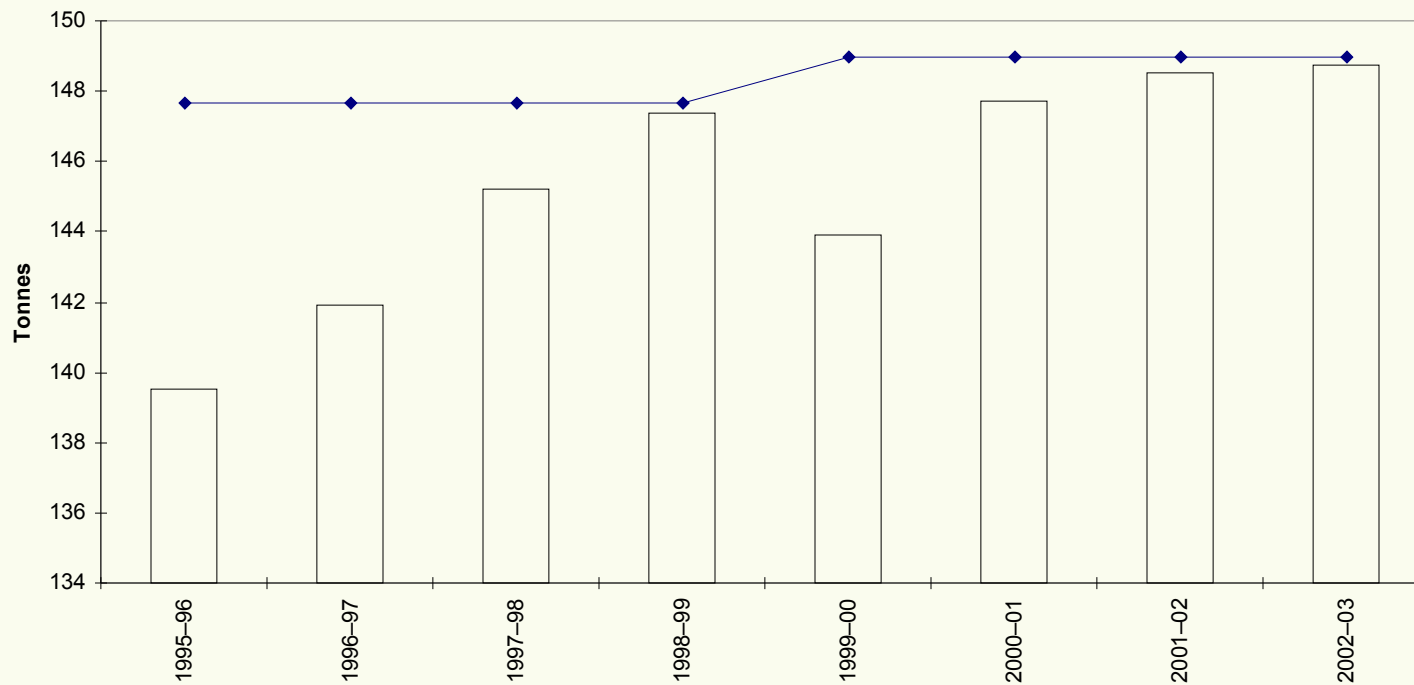


# Stock Status

- Harvest strategy - MSY
- TAC - None
- TACC - 148.98 tonnes
- Recent stock assessment – No
- Current status or projection - Unknown
- Likely to be above Bmsy - Unknown

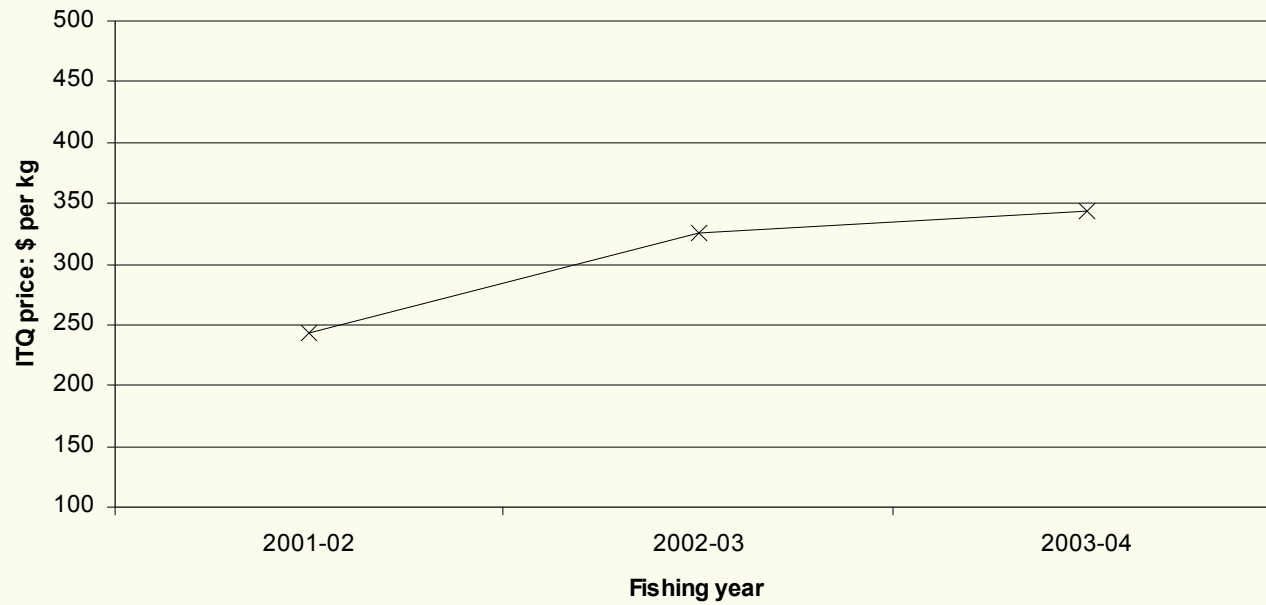


# TACC vs Landings



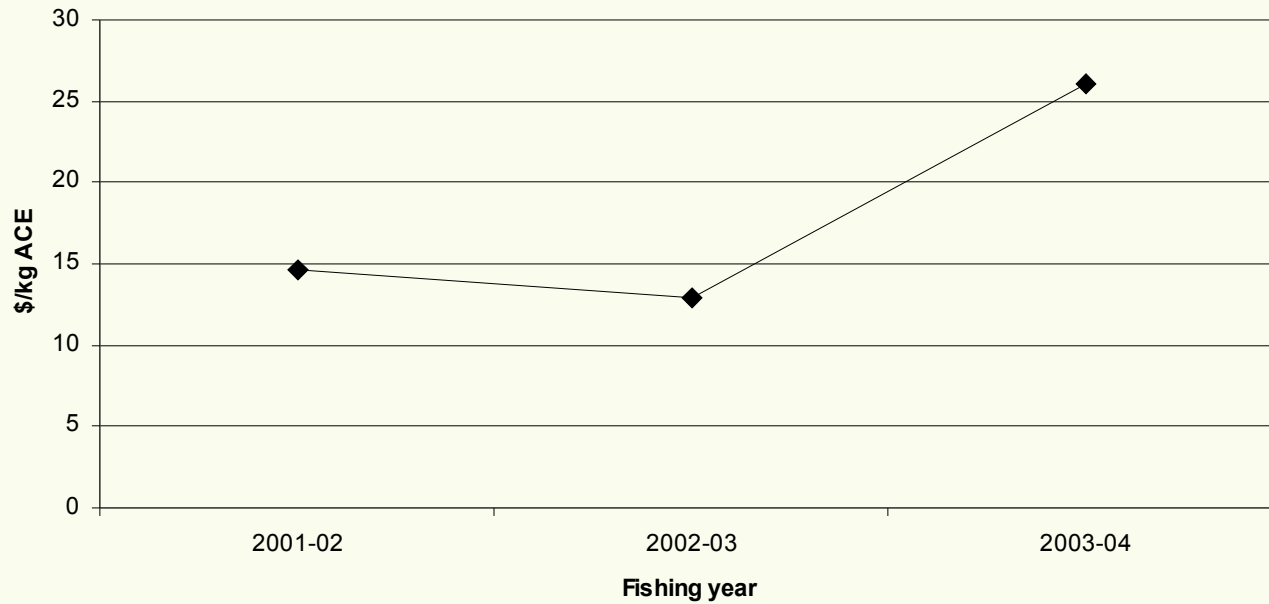
# ITQ Value

PAU 5A



# ACE Price

PAU 5A



# Research

2002-03: Catch sampling

2003-04: Catch sampling  
Stock assessment for 2004

2004-05: Catch sampling

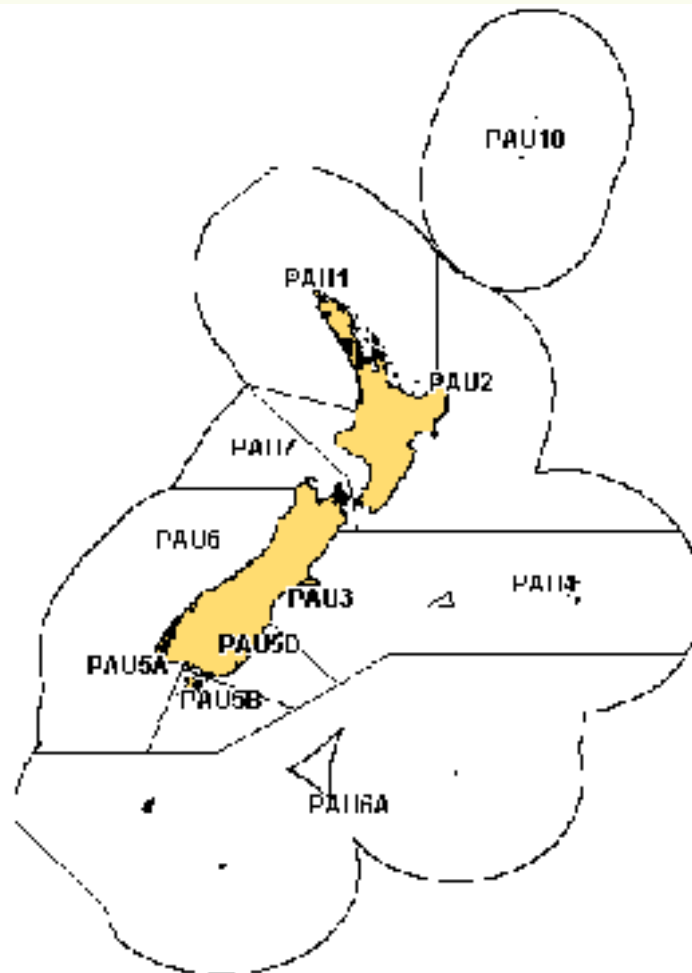
2005-06: Catch sampling

# Looking Ahead Issues & Opportunities

- Lack of a stock assessment
- Opportunity for credible management



# PAUA QMAs



# PAU 5B

- Stewart Island
- Number of Quota Owners = 63
- Number of Ace Holders = 24



# PAU 5B Harvest

**TAC: 105 tonnes**

TACC: 90 tonnes

Customary catch: 6 tonne allowance

Recreational catch: 6 tonnes allowance (5-16 tonne)

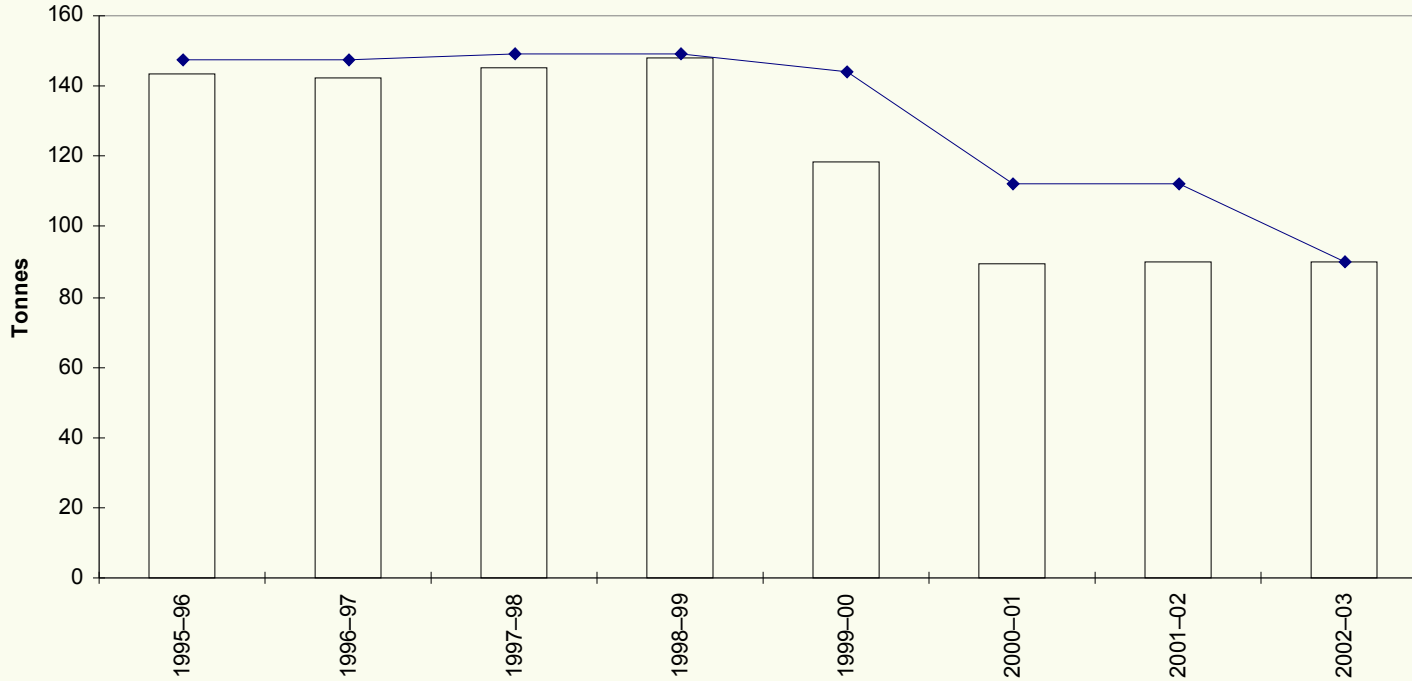
Other sources of fishing-related mortality: 3 tonnes

# Stock Status

- Harvest strategy - MSY
- TAC – 105 tonnes
- TACC – 90 tonnes
- Recent stock assessment - 2002
- Current status or projection – expected to increase
- Likely to be above Bmsy -No

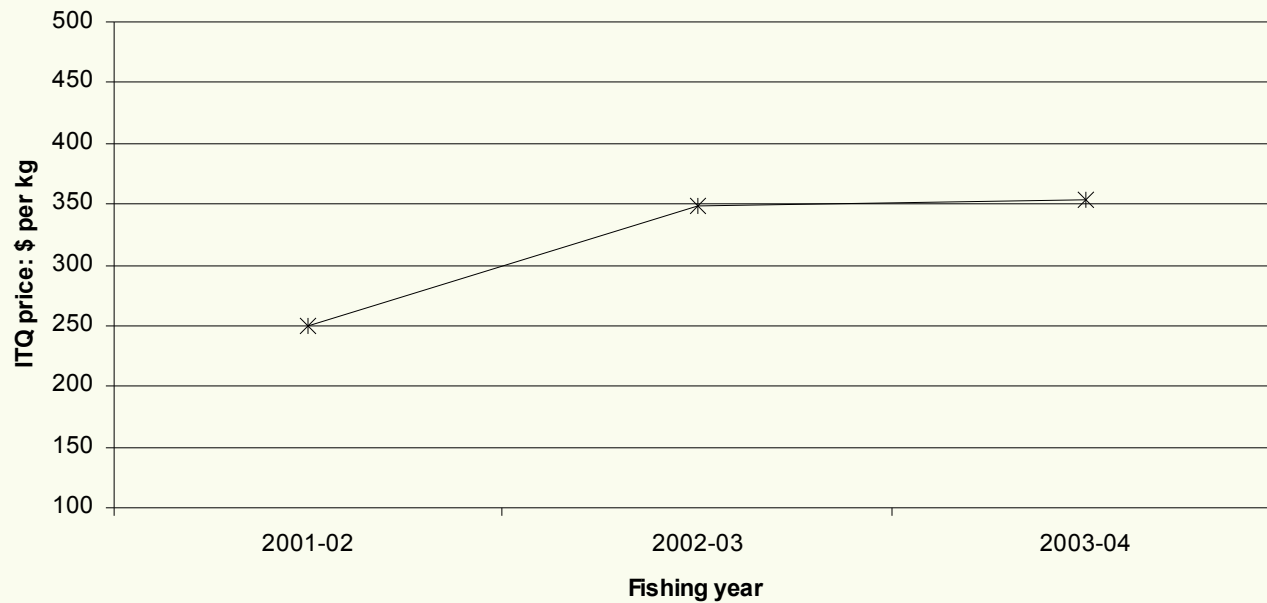


# TACC vs Landings

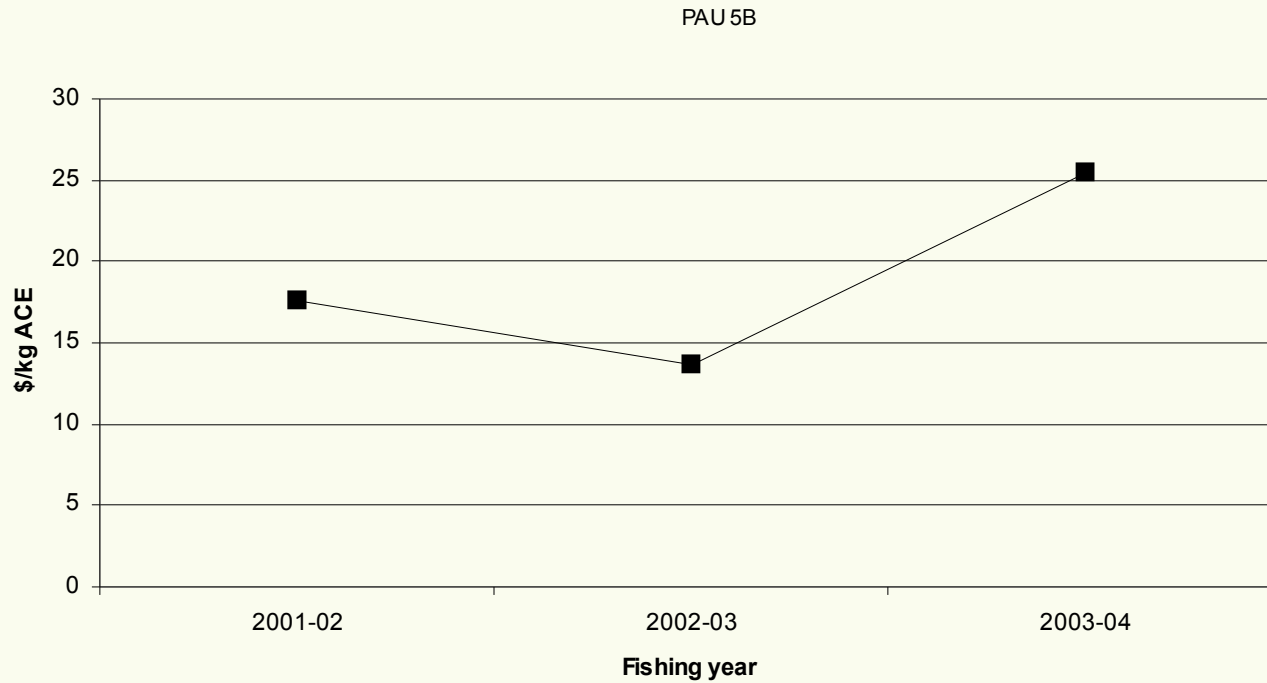


# ITQ Value

PAU 5B



# ACE Price



# Research

2002-03: Catch sampling

2003-04: Catch sampling

2004-05: Catch sampling

2005-06: Catch sampling

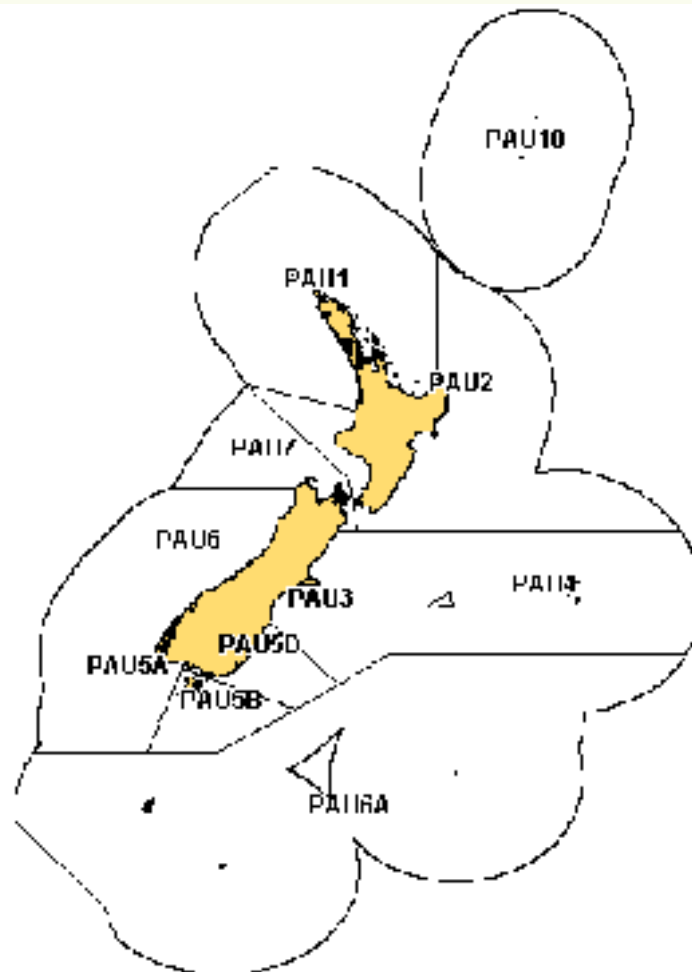
Stock assessment for 2007

# Looking Ahead Issues & Opportunities

- Rebuilding stock
- New Stock Assessment in 2007



# PAUA QMAs



# PAU 5D

- Waitaki River to Waiau River
- Number of Quota Owners = 58
- Number of Ace Holders = 23



# PAU 5D Harvest

**TAC : 134 tonnes**

TACC = 89 tonnes

Customary catch- 3 tonne allowance

Recreational catch – 22 tonnes allowance  
(30 – 56 tonne range)

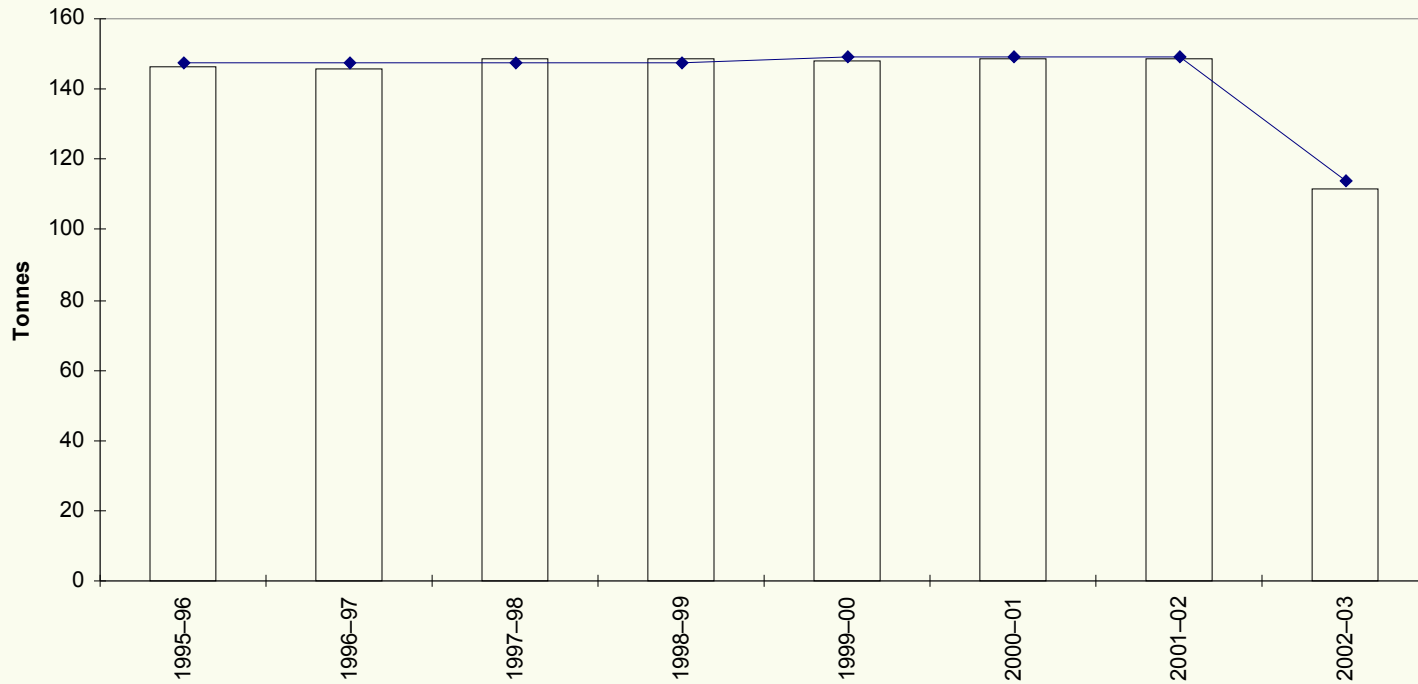
Other sources of fishing-related mortality: 20 tonnes

# Stock Status

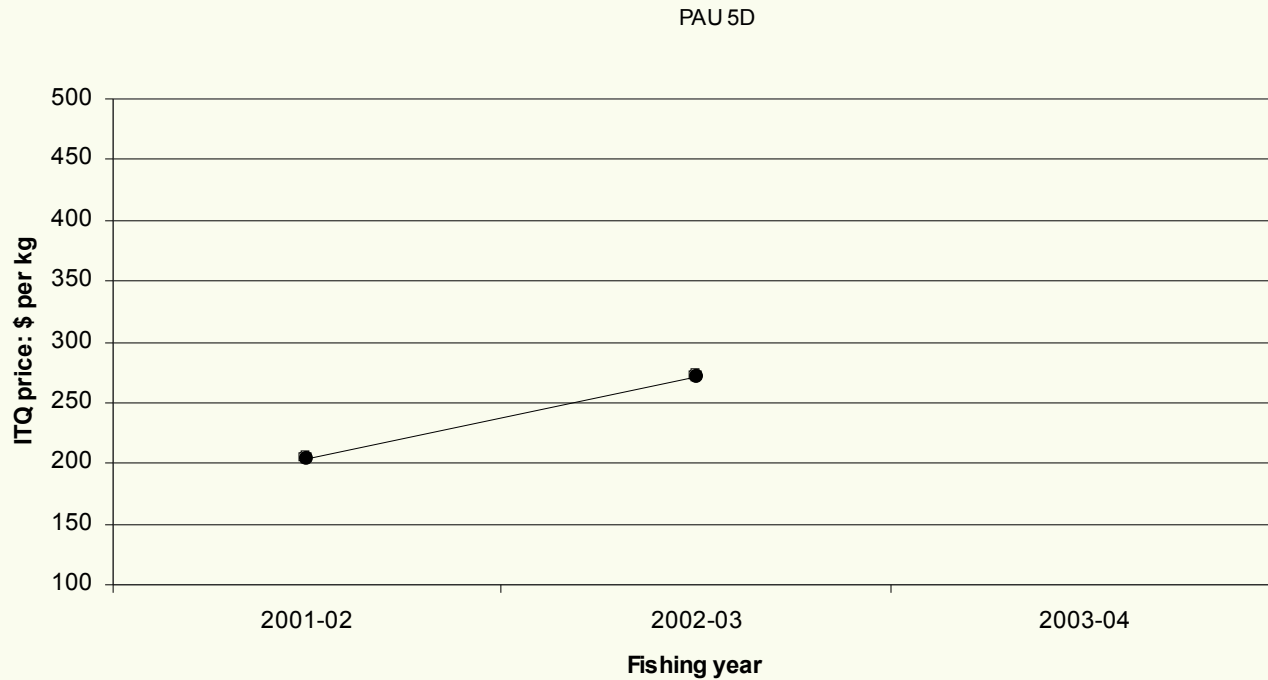
- Harvest strategy – MSY
- TAC – 134 tonnes
- TACC – 89 tonnes
- Recent stock assessment - 2002
- Current status or projection –  
Expected to increase
- Likely to be above Bmsy - Unknown



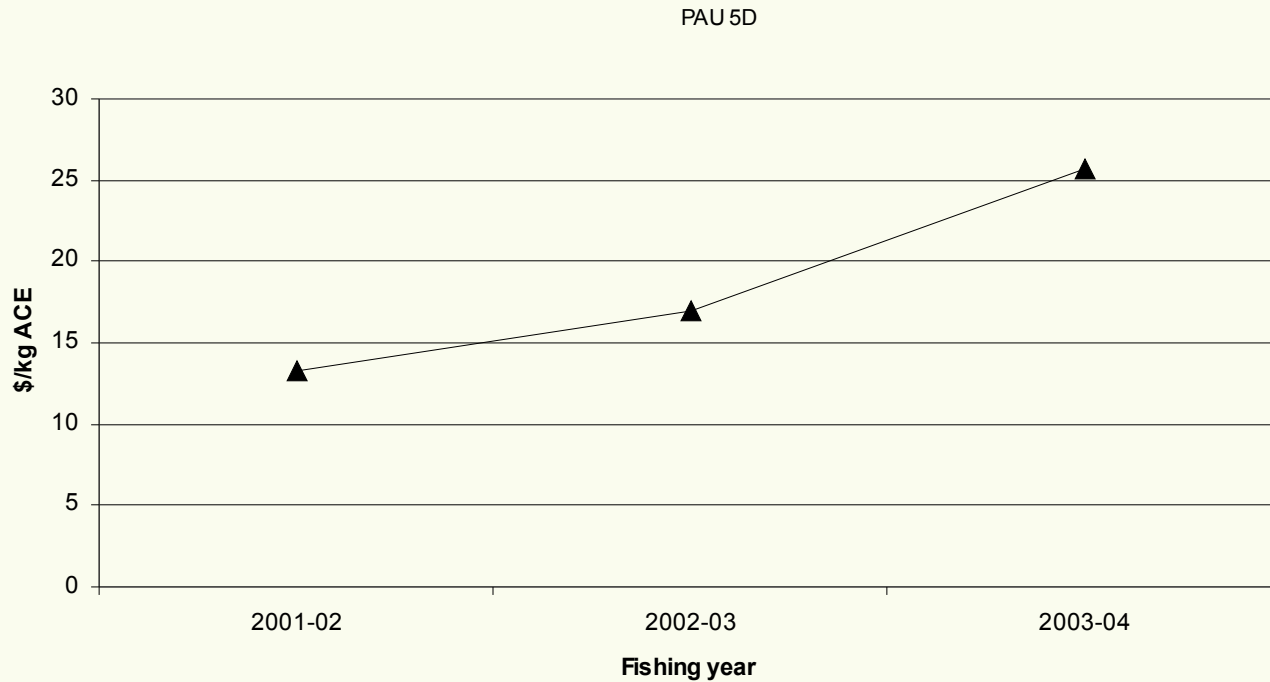
# TACC vs Landings



# ITQ Value



# ACE Price



# Research

2002-03: Catch sampling  
Research survey

2003-04: Catch sampling

2004-05: Catch sampling

2005-06: Catch sampling  
Stock assessment for 2006

# Looking Ahead Issues & Opportunities

- Rebuilding stock
- Commercial divers working with East Otago Taiapure Committee
- Utilisation of stunted stock
- Allocation
- Theft



# Conclusion

- Most paua stocks either stable or improving
- Stock assessments needed for PAU 2, PAU 3 and PAU 5A
- Level of stakeholder involvement is high



# Conclusion

## Credible Management

- Need to know stock status
- Need to know objectives
- Need to identify risks and opportunities
- Plan how to get there

