

CURRENT STATUS OF ABALONE FISHERIES AND CULTURE IN MEXICO

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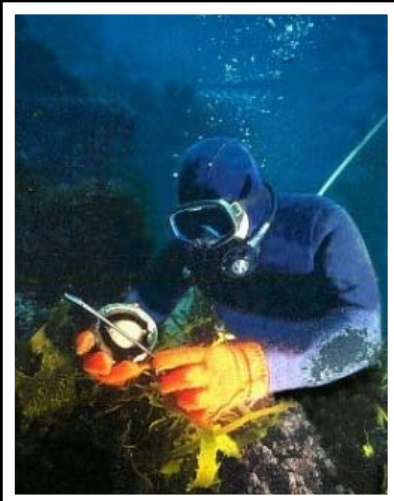


BENITO ALTAMIRA

(Abulones Cultivados)



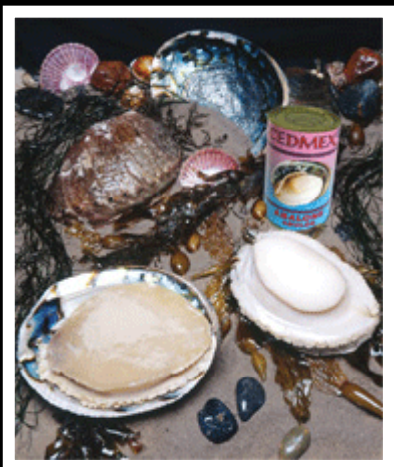
**7th International
Abalone Symposium**



FISHERY

SPECIES

| | |
|-----------------------|-------|
| <i>H. fulgens</i> | 70.8% |
| <i>H. corrugata</i> | 28.9% |
| <i>H. cracherodii</i> | 0.3% |

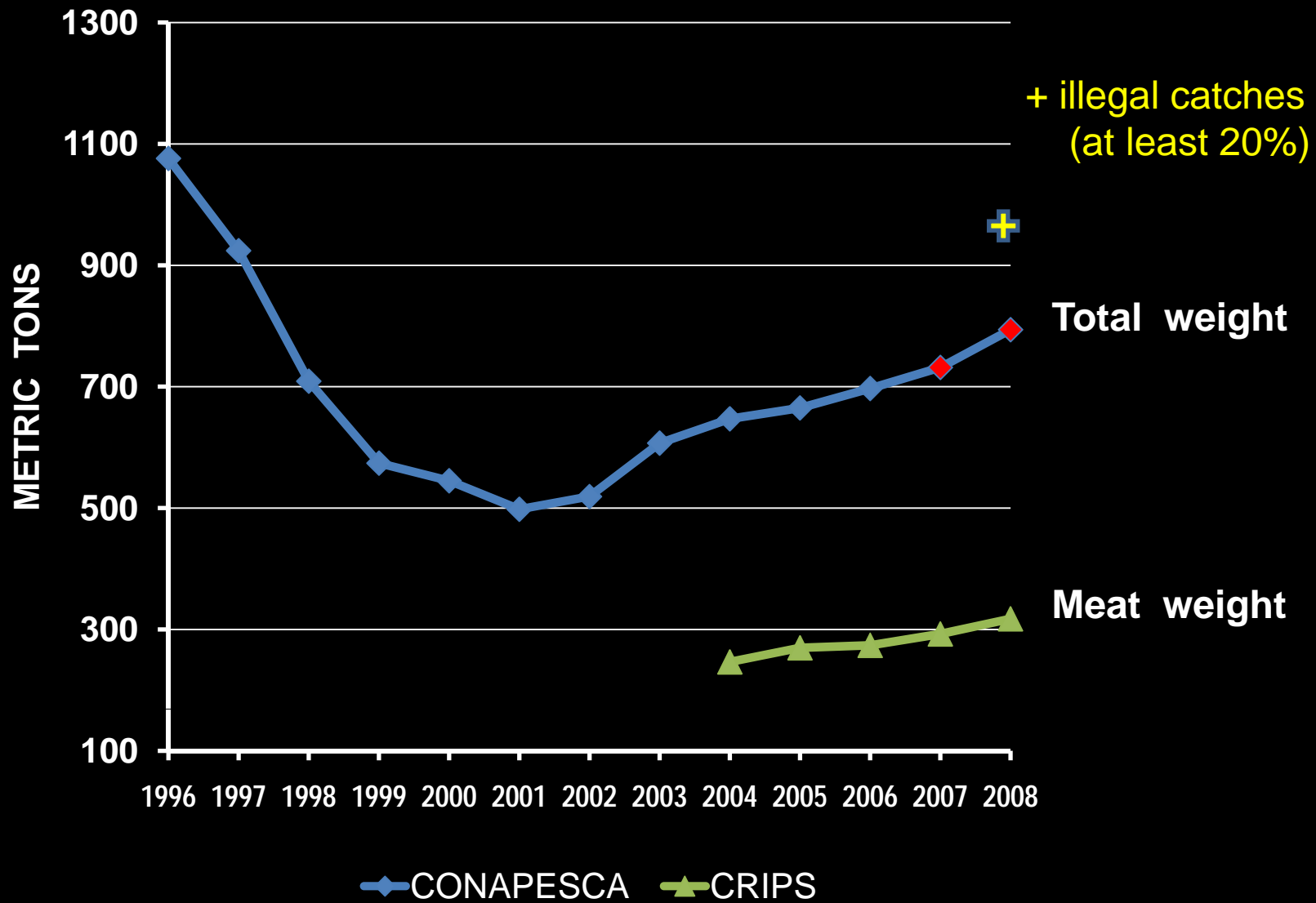


15 COOPERATIVES

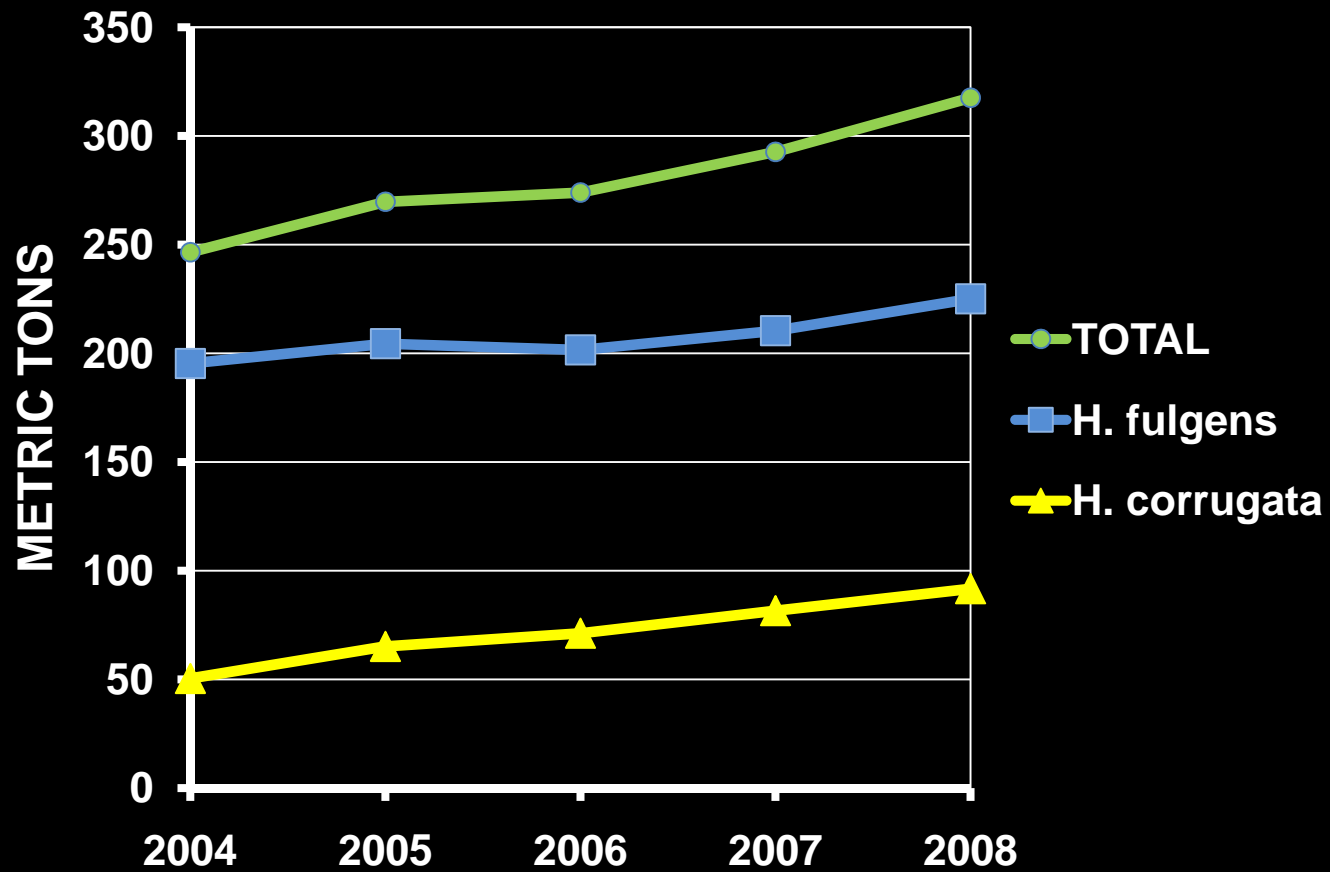
~300 DIVERS



COMMERCIAL CATCHES

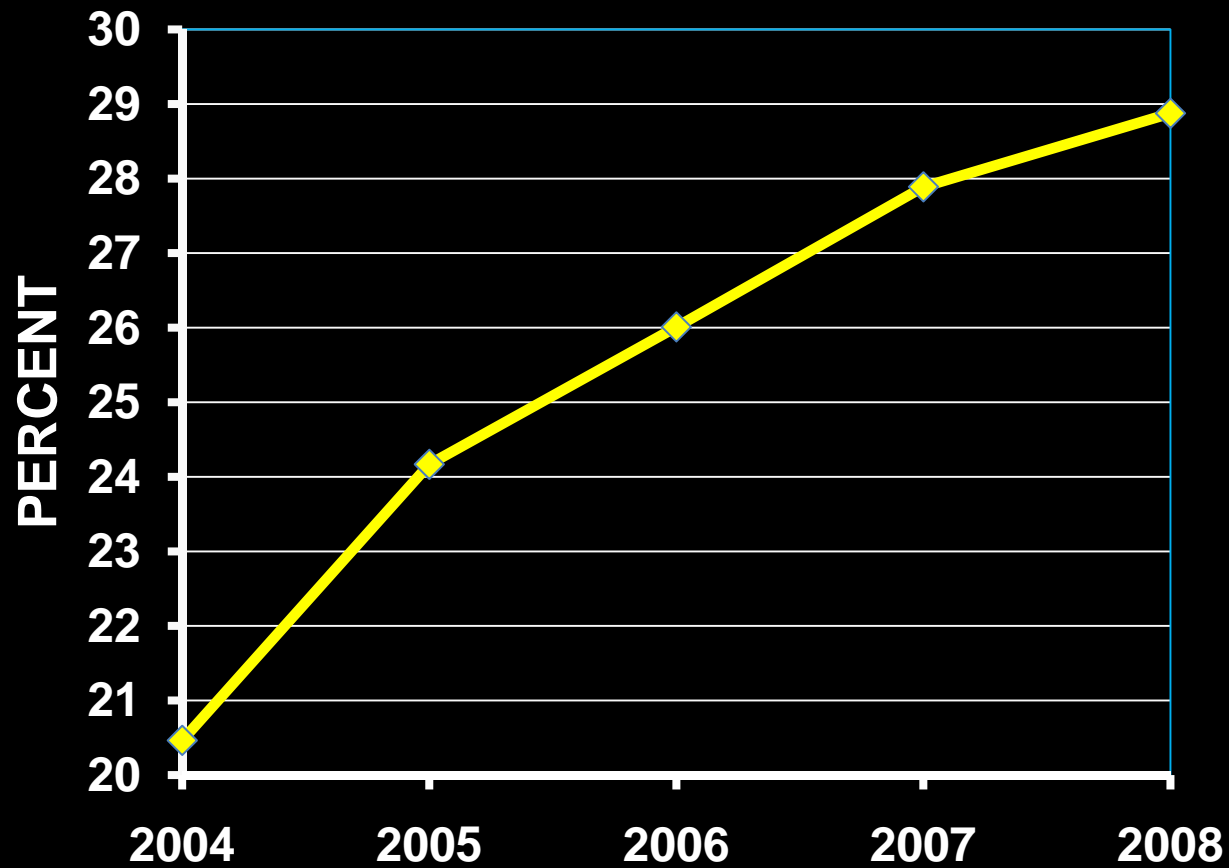


SPECIES COMPOSITION* OF RECENT CATCHES (meat weight)



* *H. cracherodii* not shown

CONTRIBUTION OF *H. corrugata* TO TOTAL CATCH



AQUACULTURE

COMMERCIAL PRODUCTION (since 1989)

- Still a small industry
- Four private farms currently in operation,
- *H. rufescens*, *H. fulgens*, *H. corrugata*

RE-STOCKING: LARVAE AND SEEDS (since 1982)

- Six cooperative laboratories
- At least one with grow-out plans
- *H. fulgens*, *H. corrugata*





COMMERCIAL FARMS

1. ABULONES CULTIVADOS
(Eréndira, B.C., 1992)
2. PRODUCTORES MARINOS BAJA
(Eréndira, B.C., 2003)
3. ABALONE FARMING INTERNATIONAL
(Colonia Vicente Guerrero, B.C., 1999)
4. REGASA (El Rosario, B.C., 2007)



COOPERATIVE HATCHERIES

1. Pescadores Nacionales de Abulón
(Isla de Cedros, B.C.)

2. Buzos y Pescadores
(Isla Natividad, B.C.S.)

3. La Purísima
(Punta Eugenia, B.C.S.)

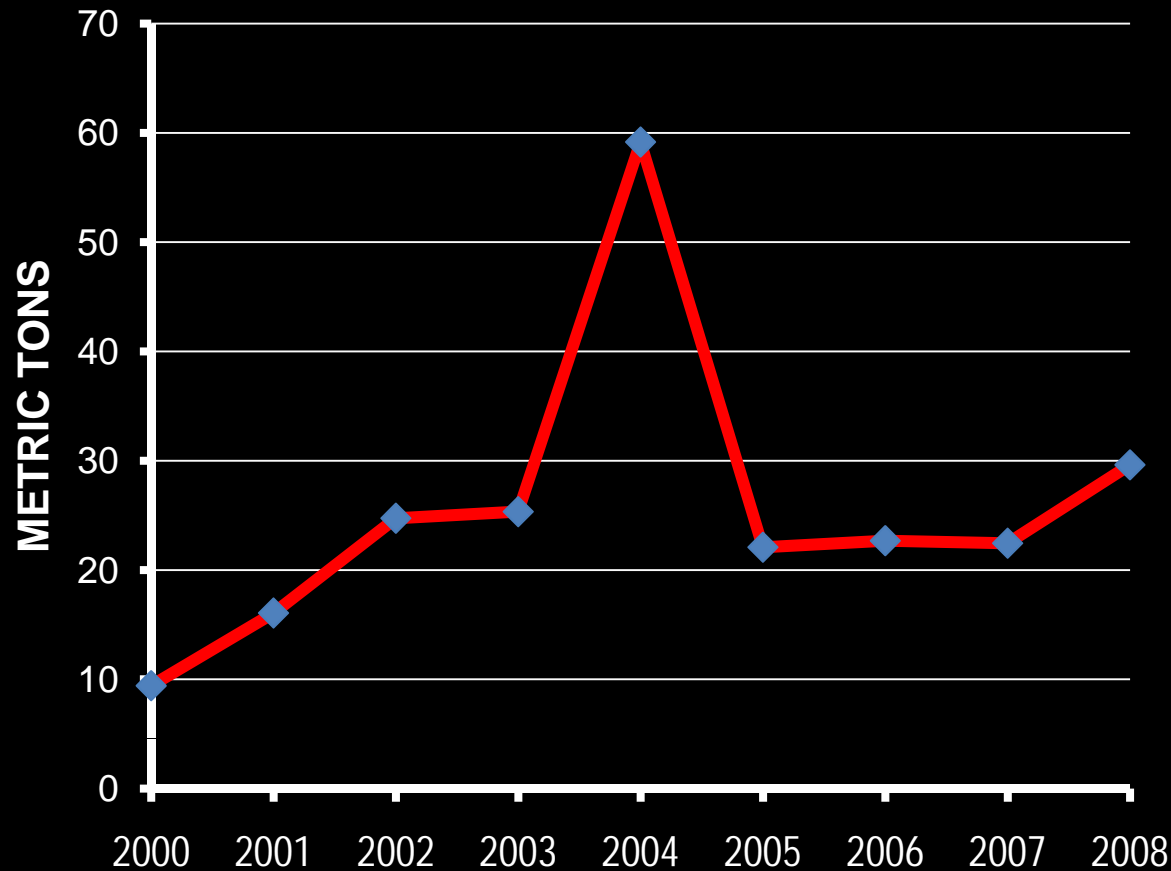
4. Bahía Tortugas
(Bahía Tortugas, B.C.S.)

5. Progreso (La Bocana, B.C.S.)

6. Punta Abreojos
(Punta Abreojos, B.C.S.)



CULTURED ABALONE PRODUCTION * (total weight)



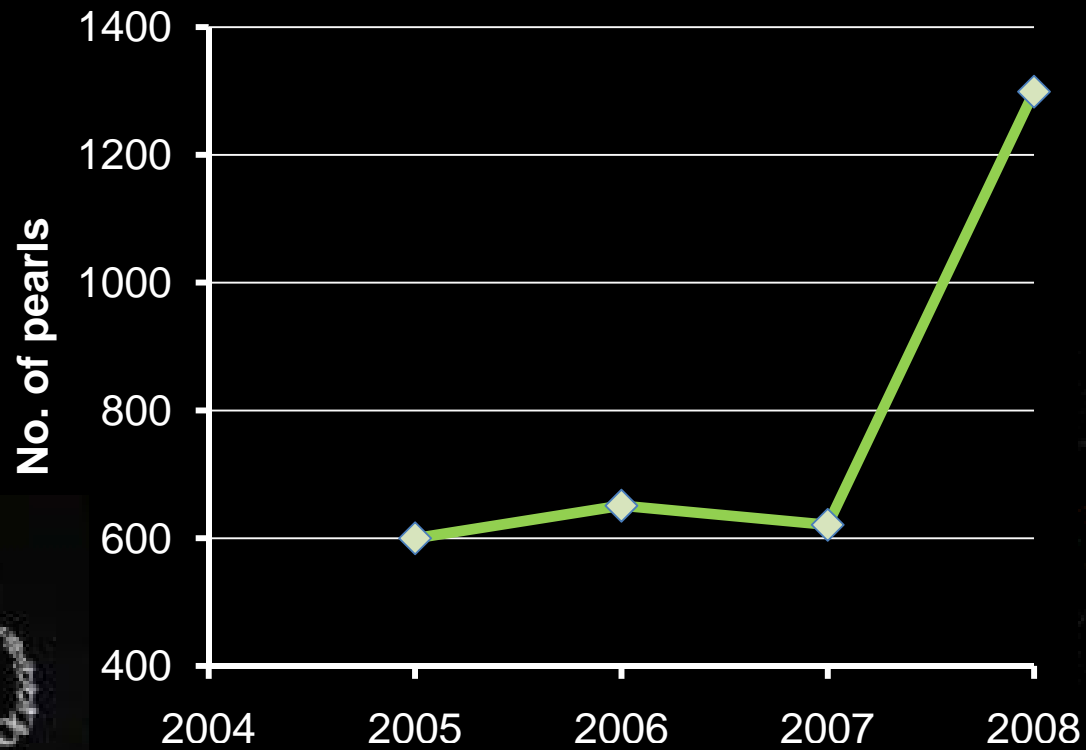
In 2004 the farm
BC Abalone
was closed

Only 3 farms are
currently selling
live and canned
abalone

* Source: Subdelegación de Pesca, Ensenada

ABALONE PEARL PRODUCTION

(markets in México and the U.S.)



BAJA PEARLS (Productores Marinos Baja)

<http://www.bajapearls.com/>

RE-STOCKING BY COOPERATIVES

SEEDING EFFORTS DURING 2007 AND 2008

137,000,000 competent larvae
380,000 abalone seeds
(>1.5 cm)

H. fulgens (74%),
H. corrugata (26%)

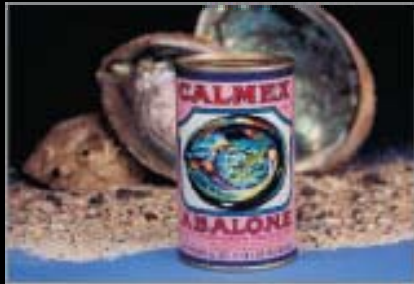
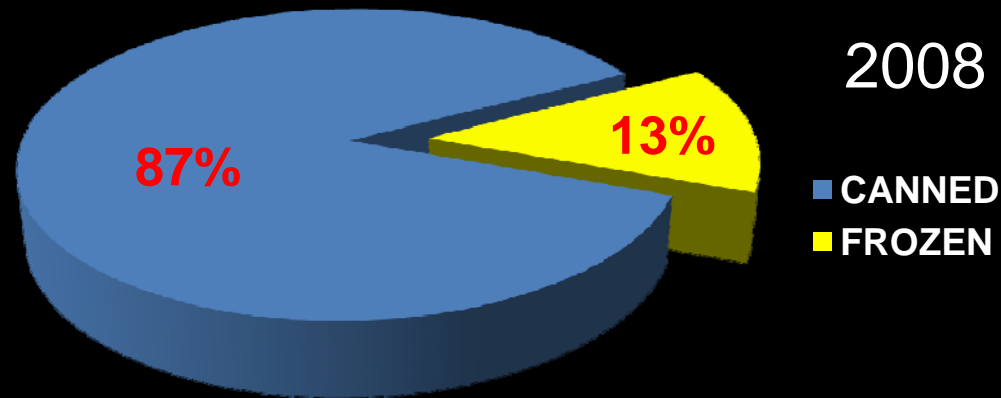


No formal evaluation of the impact
on the fisheries

MARKET: FISHERY

TOTAL 2008 VALUE ca. \$30 million USD
(including ~\$1 million dls of shells)

>95% EXPORTED, MOSTLY TO ASIA

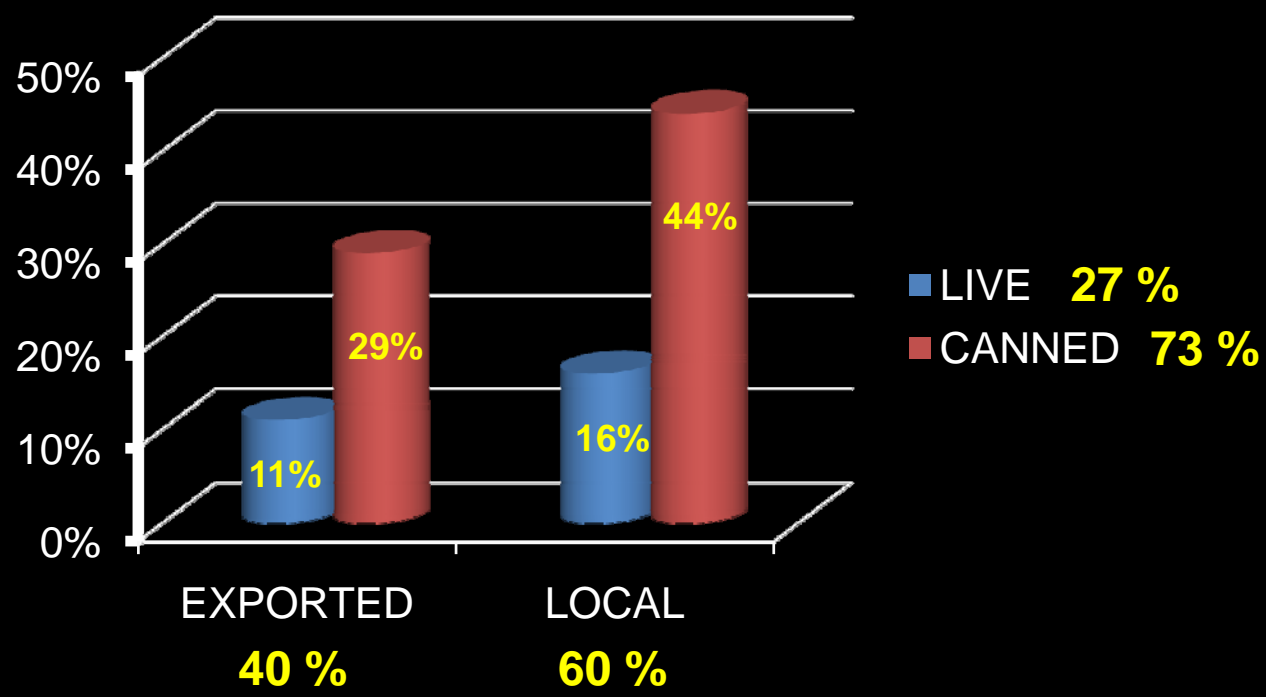


IN 2008, **CALMEX** SOLD 70 % OF WILD ABALONE
IN 2009, **CALMEX** WOULD SELL LESS THAN 5%

MARKET: AQUACULTURE

DURING 2007 AND 2008 “ABULONES CULTIVADOS”
SOLD > 90 % OF CULTURED ABALONE

2008: ABULONES CULTIVADOS SALES
VALUE ca. \$0.5 million USD



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Gracias

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Thank you