

Freshwater Prawn Marketing in the Northern Gulf of Mexico



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(<http://www.msstate.edu/dept/crec/fvpres.html>)
MSU-FRESHWATER PRAWN WORKSHOP 2000

November 2000

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Freshwater Prawn Species

- **Market name**
 - Shrimp, Freshwater
- **Scientific name**
 - *Macrobrachium rosenbergii*
- **Common name**
 - Giant Freshwater Prawn
- **Vernacular name(s)**



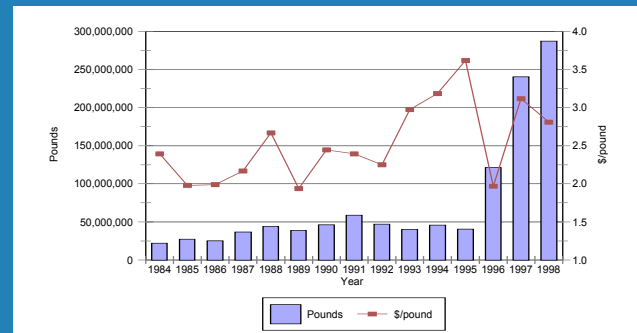
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World Giant River Prawn Production

Source of data: Food and Agriculture Organization, FishStat



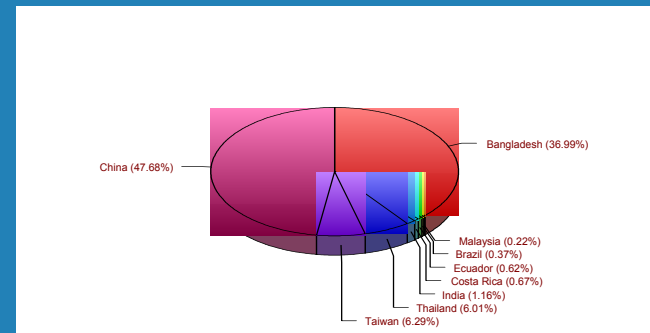
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Major Producing Countries, 1998

Source of data: Food and Agriculture Organization, FishStat



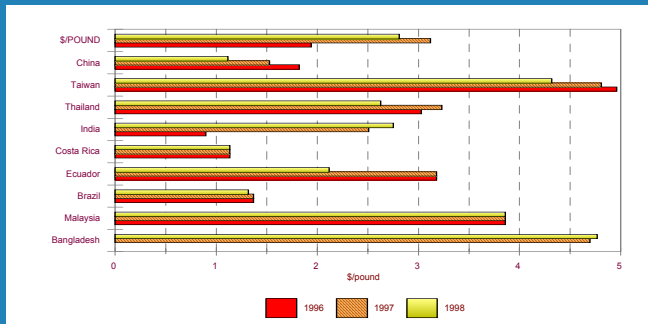
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Domestic Prices in Producing Countries

Source of data: Food and Agriculture Organization, Fish Stat



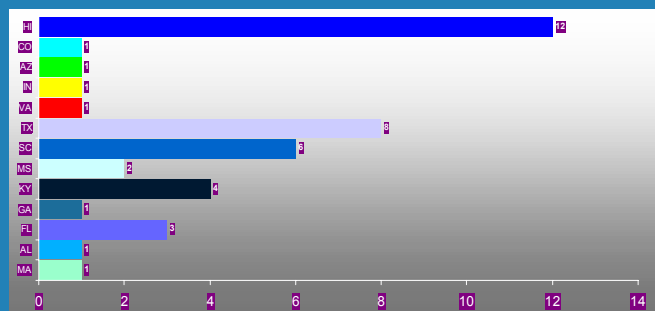
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U.S. Shrimp Farms, 1998

Source of data: U.S. Department of Agriculture, Aquaculture Census



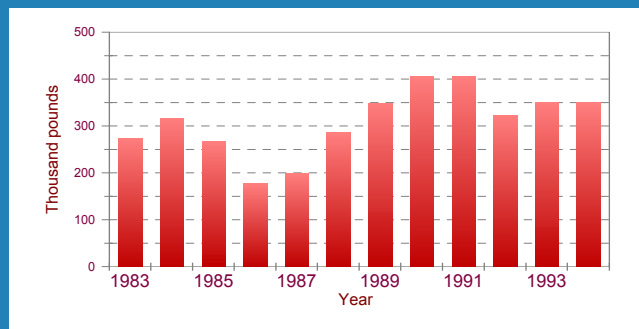
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U.S. Freshwater Prawn Production

Source of data: National Marine Fisheries Service, Fisheries of the U.S.



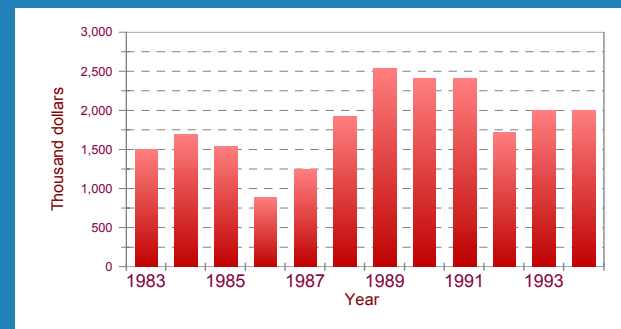
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Value of U.S. Freshwater Prawn Production

Source of data: National Marine Fisheries Service, Fisheries of the U.S.



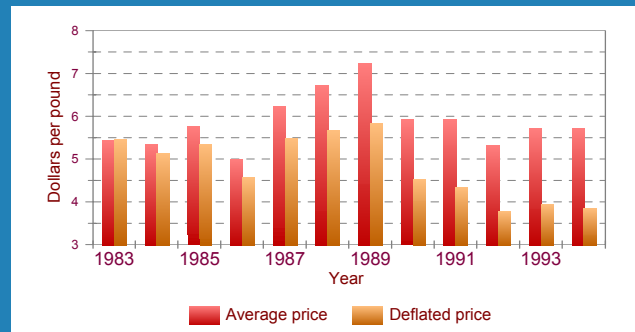
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Final Prices Paid by Processors and Dealers

Source of data: National Marine Fisheries Service, Fisheries of the U.S.

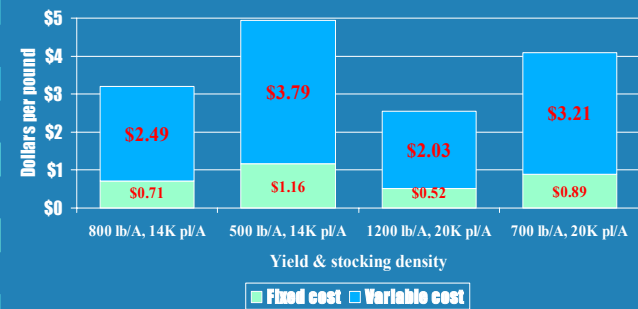


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Production Costs

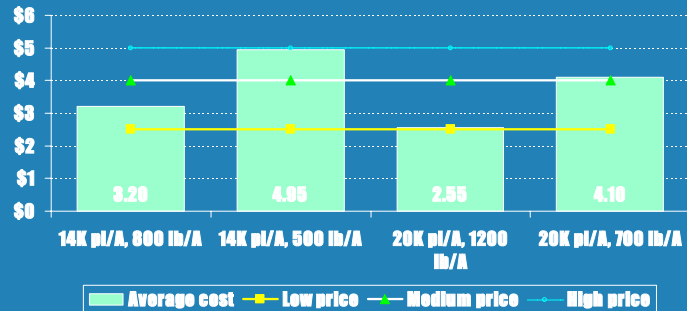


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Farm-Gate Prices (Per pound, heads-on)



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Selling Live Freshwater Prawns

- ⚙ **Cost of production**
- ⚙ **Cost of harvesting**
- ⚙ **Cost of live-hauling or shipping**
- ⚙ **Hauling or shipping risks**
- ⚙ **Marketing permit**
- ⚙ **Limited market information**

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Selling Fresh Freshwater Prawns

- **Cost of production**
- **Cost of harvesting**
- **Costs of chilling, packing and shipping**
- **Price risks**
- **Limited market information**

Selling Frozen Freshwater Prawns

- **Cost of production**
- **Cost of harvesting**
- **Cost of processing, packing, and shipping**
- **Price risks**
- **Limited market information**

Selling by E*commerce

Source: Exporter's website

- LATIN NAME: MACROBRACHIUM ROSENBERGII
- ORIGIN: SOUTHERN CHINA
- WHOLE ROUND LIVE FROZEN
- SIZE: U-4 4-6 6-8 8-12 12-15 15-20PCS PER LB
- PACKAGE: 2KGS/BLOCK 20KGS/CARTON.

Domestic Markets

Sources: producers, brokers, livehaulers

- **Live and fresh products:**
 - Houston and Dallas, TX
 - Atlanta, GA
 - New York, NY
 - Ontario, CAN
 - Other markets with ethnic populations
- **Processing plants and wholesalers:**
 - MS Gulf Coast
 - Others

Freshwater Prawn Suppliers

Source: MSU-CREC website

- Aquaculture of Texas, Inc., Weatherford, TX
- Custom Pack, Inc. Aquaculture Division, Ocean Springs, MS
- Fishmarket Seafoods Inc., Louisville, KY
- Lauro Farms, Inc., Leland, MS
- Forbes America, Inc., Hollywood, SC
- Rockfish Farms Inc., Lantana, FL
- Schmalbach Aquaculture Inc., Homestead, FL

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Summary

- World production - 290 million lbs, LWE, 1998
- World average farm-gate price - \$2.81 per lb, LWE, 1998
- U.S. production - 350,000 lbs, LWE, 1994
- U.S. farm-gate price - \$5.73 per lb, LWE, 1994
- U.S. per capita shrimp consumption
 - 1989 - 2.3 lb
 - 1999 - 3.0 lb

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