



LOUISIANA'S ALLIGATOR



MANAGEMENT PROGRAM



CITES

**Convention on International
Trade in Endangered Species
of Wild Fauna and Flora**

CITES

U.S. DEPT. OF INTERIOR (U.S.F.W.S.)

**OFFICE OF
SCIENTIFIC AUTHORITY**

**OFFICE OF
MANAGEMENT AUTHORITY**

- 1) NO DETRIMENT REVIEW,
- 2) OVERVIEW OF STATE PROGRAMS, AND
- 3) IMPORT/EXPORT APPROVAL & INSPECTIONS

**LOUISIANA'S ALLIGATOR
PROGRAM ADMINISTRATION**

**DEPT. OF
WILDLIFE &
FISHERIES**

**DEPT. OF
ENVIRONMENTAL
QUALITY**

**DEPT. OF
HEALTH &
HOSPITALS**

**DEPT. OF
AGRICULTURE &
FORESTRY**

LA. DEPT. OF WILDLIFE & FISHERIES

STATUTORY AUTHORITY FOR WILD
AND RANCH PROGRAMS [TITLES 56 & 76]

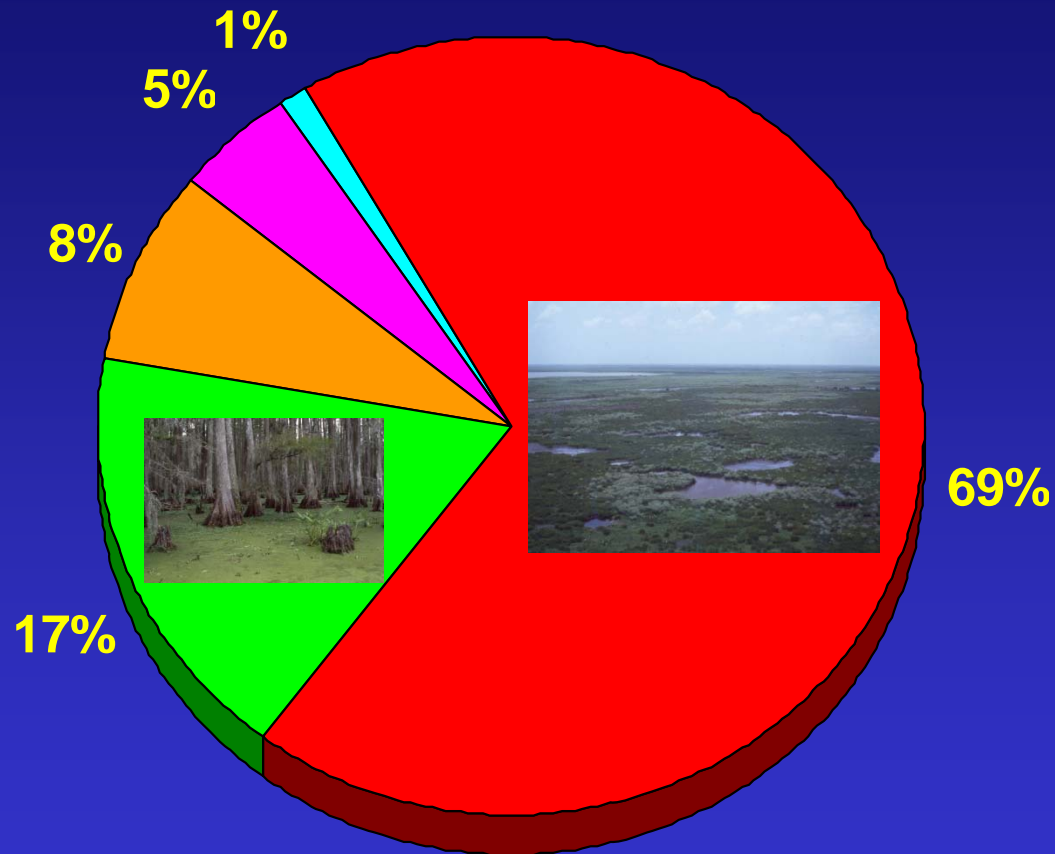




LOUISIANA'S 2008 COASTAL MARSH ALLIGATOR NEST SURVEY



LOUISIANA'S ALLIGATOR HABITATS



■ COASTAL MARSHES

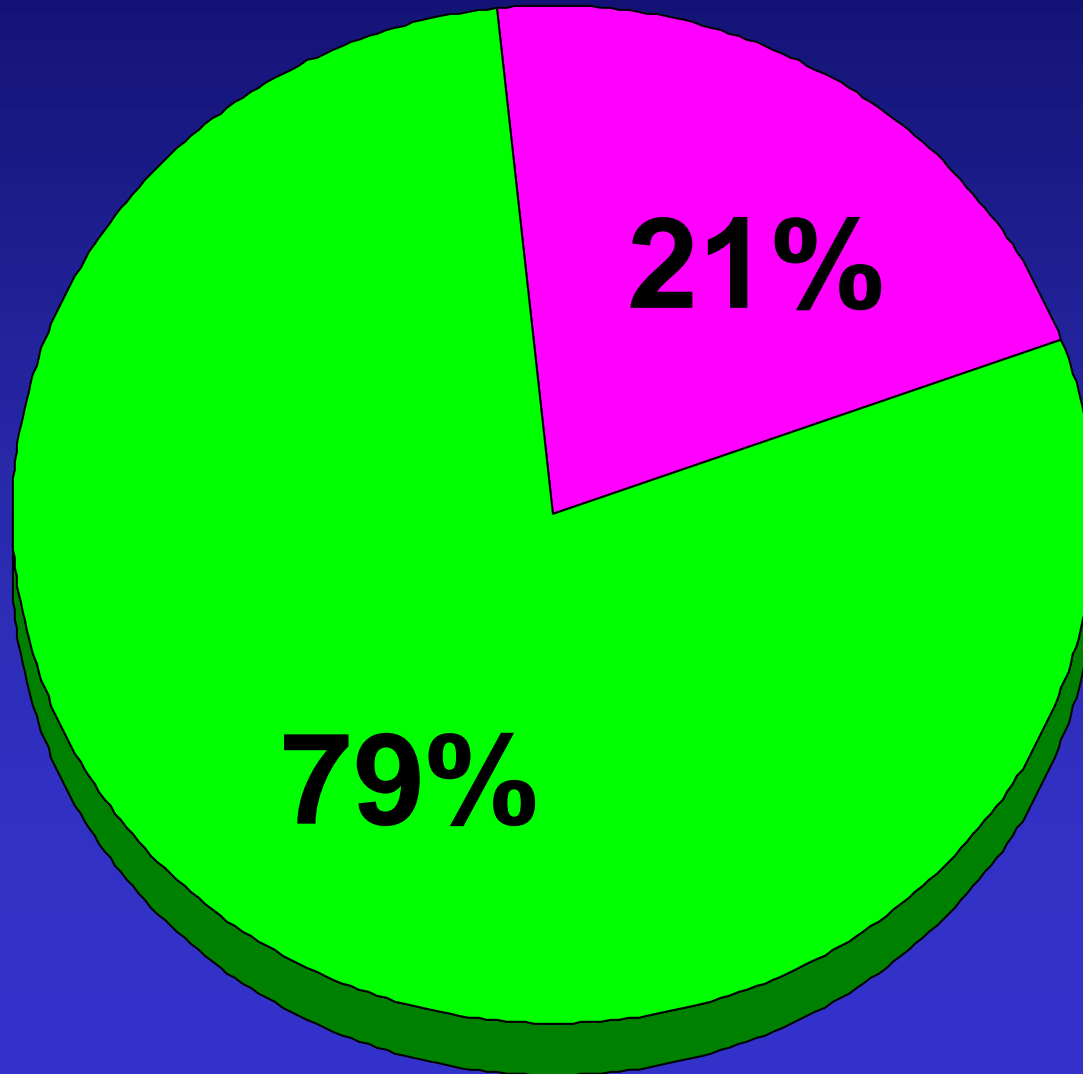
■ DEWATERED WETLANDS

■ LAKES

■ CYPRESS-TUPELO SWAMPS

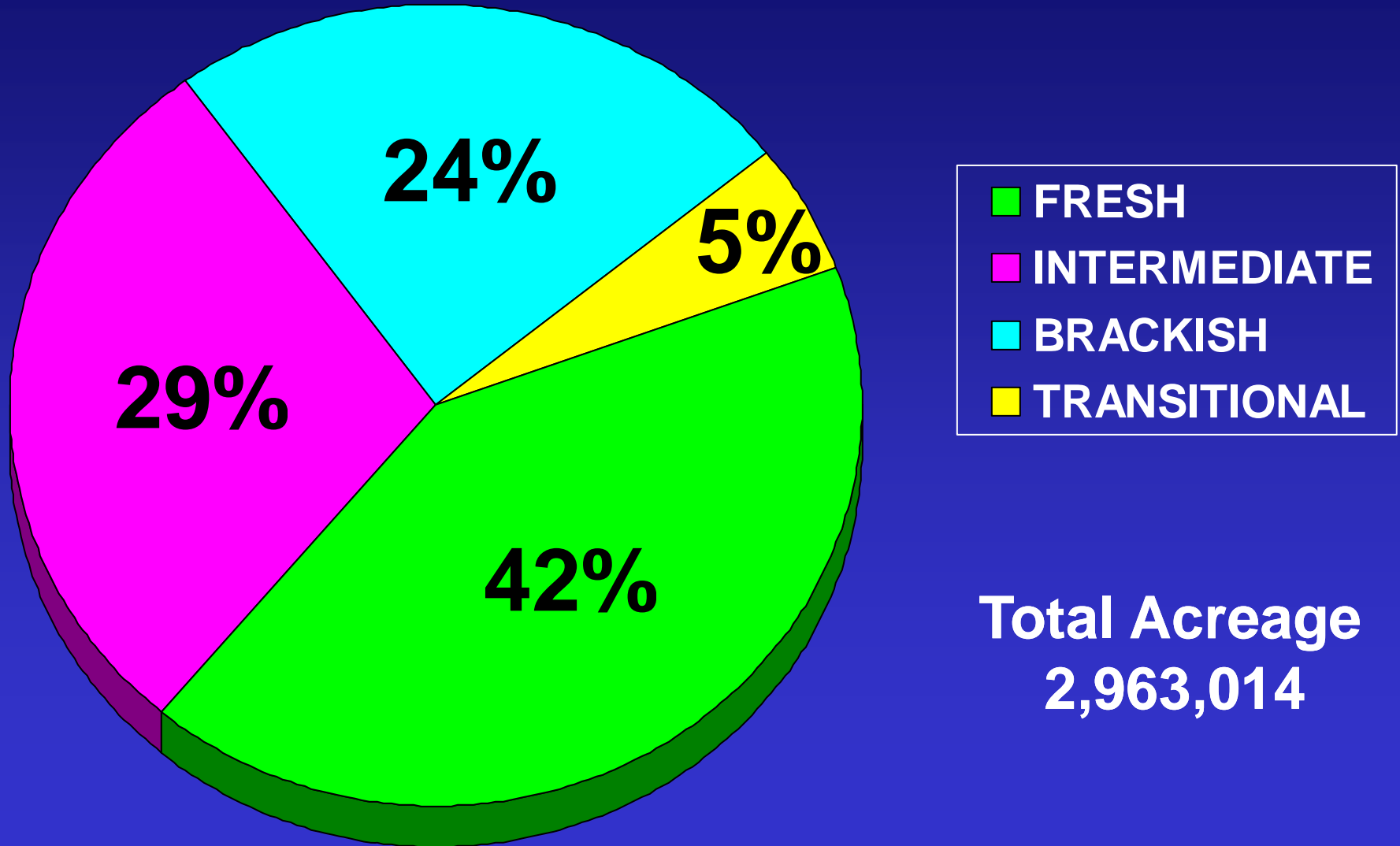
■ ATCHAFALAYA BASIN SWAMPS

Louisiana's Coastal Marsh Alligator Habitats By Ownership



Total Acreage
2,963,014

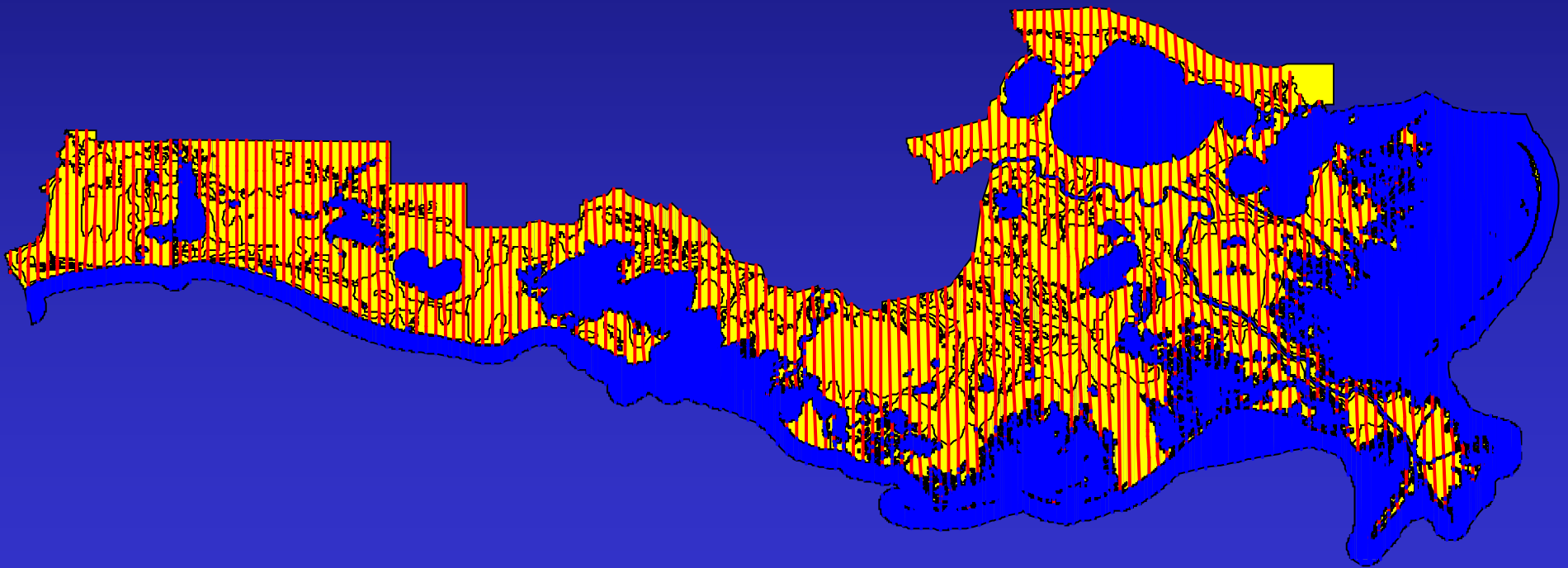
Louisiana's Coastal Marsh Alligator Habitats



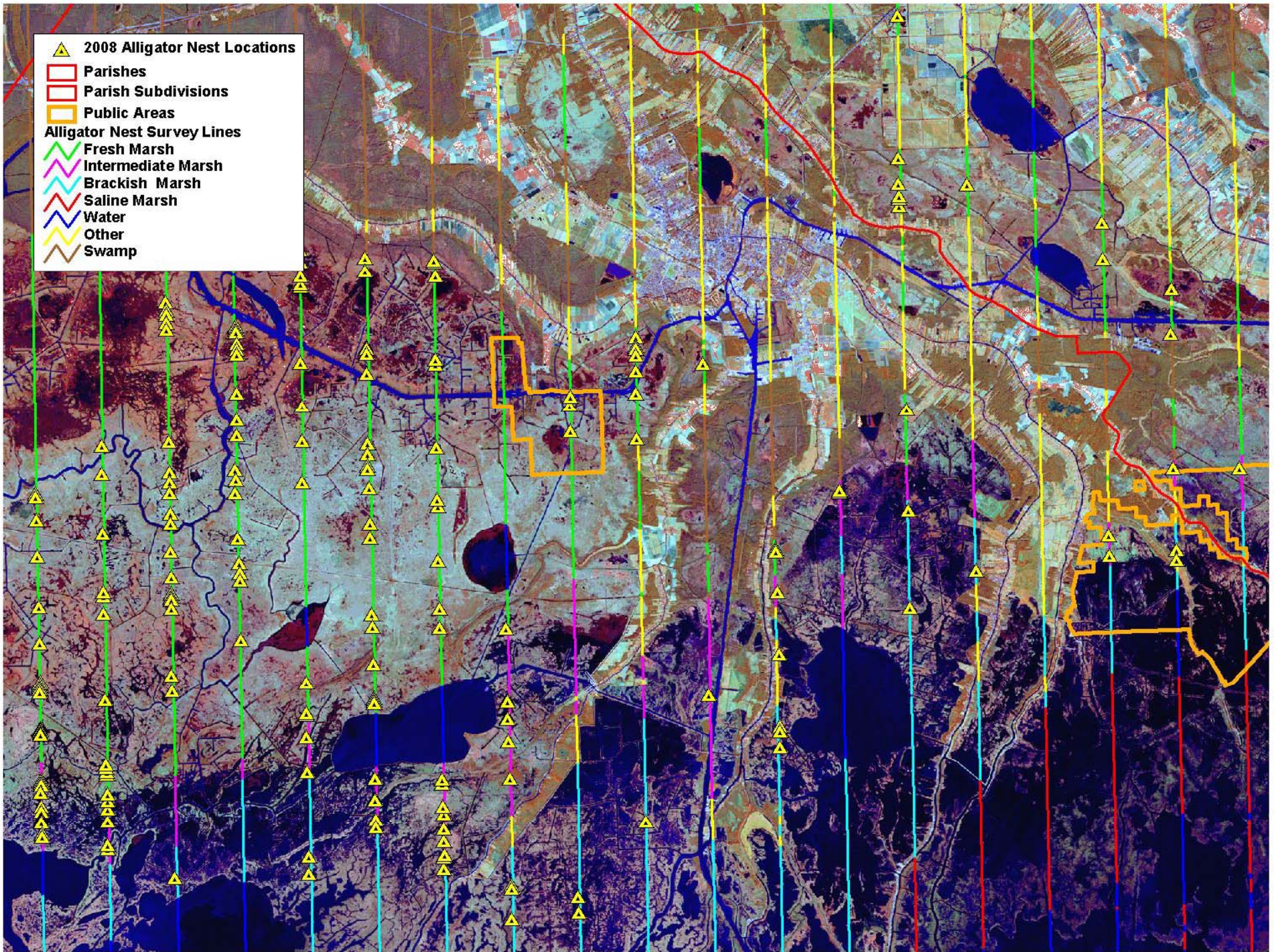
ANNUAL ALLIGATOR NEST SURVEY

- **9 day helicopter survey**
- **2,885 miles flown**
- **138,729 acres surveyed**
- **Survey 3.4% of coastal marsh**

AERIAL ALLIGATOR NEST SURVEY FLIGHT LINES



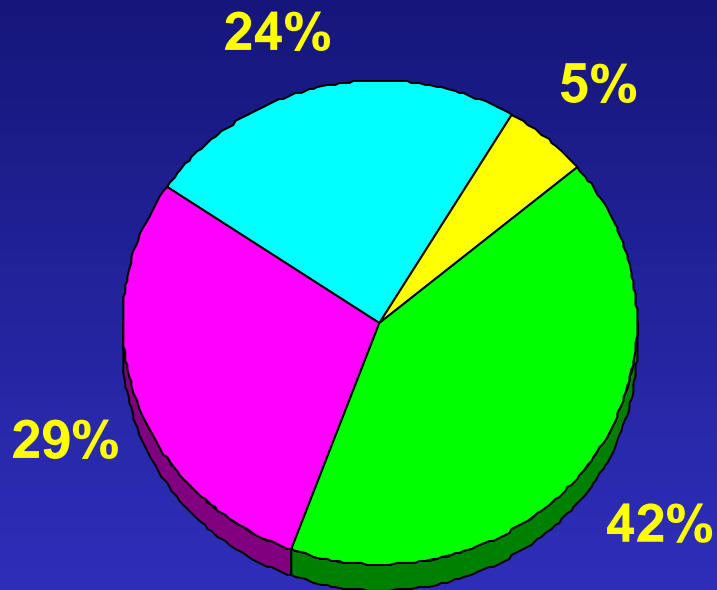




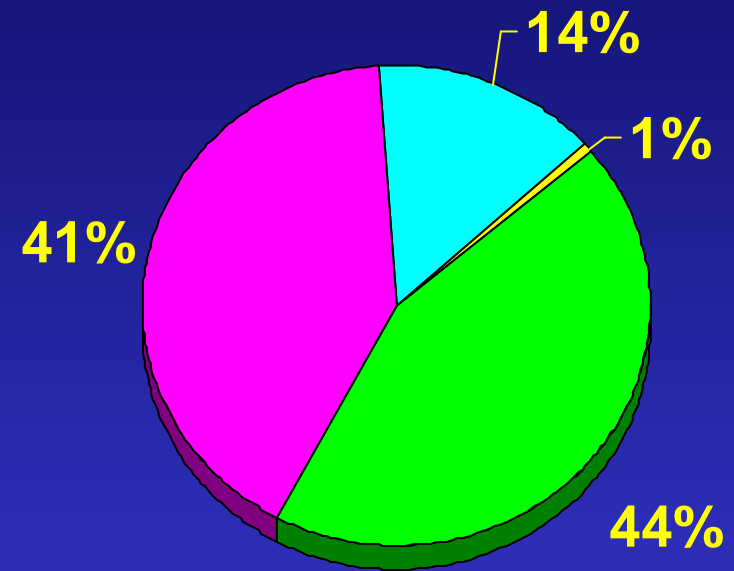
ALLIGATOR NEST SURVEY EVALUATION

- **Estimate total coastal nest production**
- **Calculate current & 5-year average nest densities & nest production for**
 - **each parish/sub-parish or public area by habitat type**
 - **regions & ownership by habitat type**
- **Compare to previous years**

Louisiana's Coastal Marsh Alligator Habitat Acreages & Nest Production



2,963,014 acres



40,633 nests

FRESH

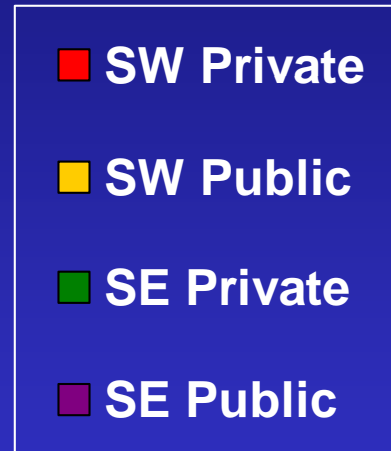
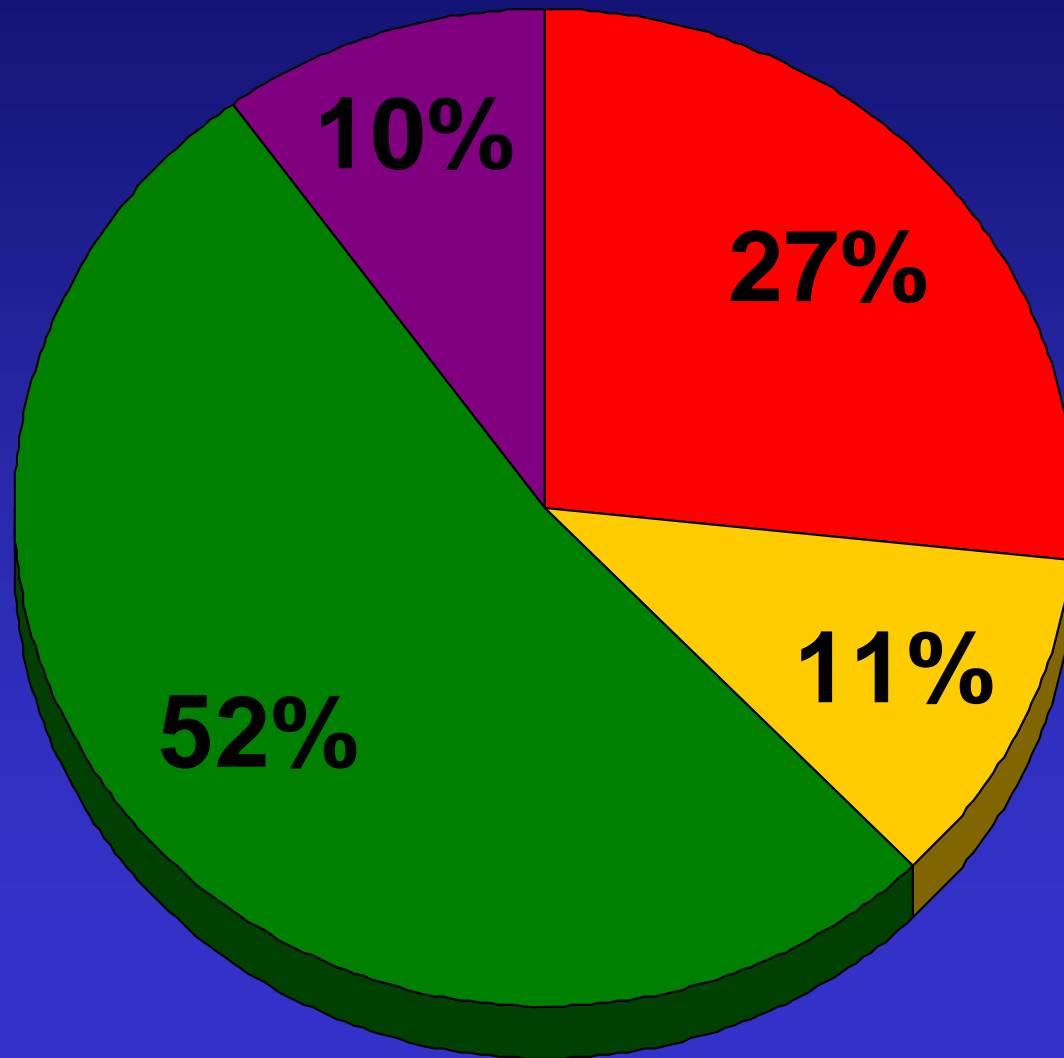
INTERMEDIATE

BRACKISH

TRANSITIONAL

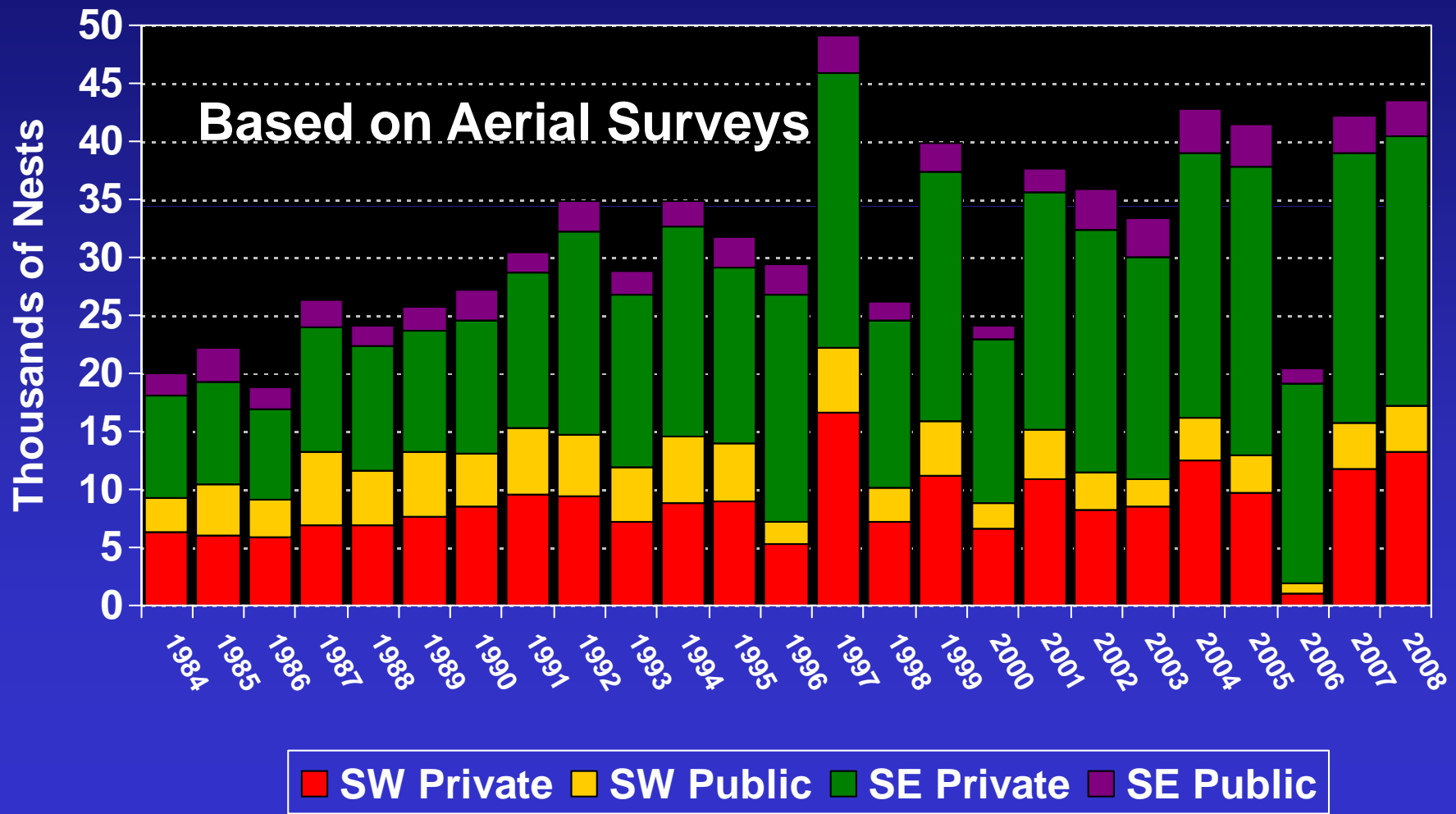
2003-08 average nest production (excludes 2006)

Louisiana's Coastal Marsh Alligator Habitats by Regional Ownership

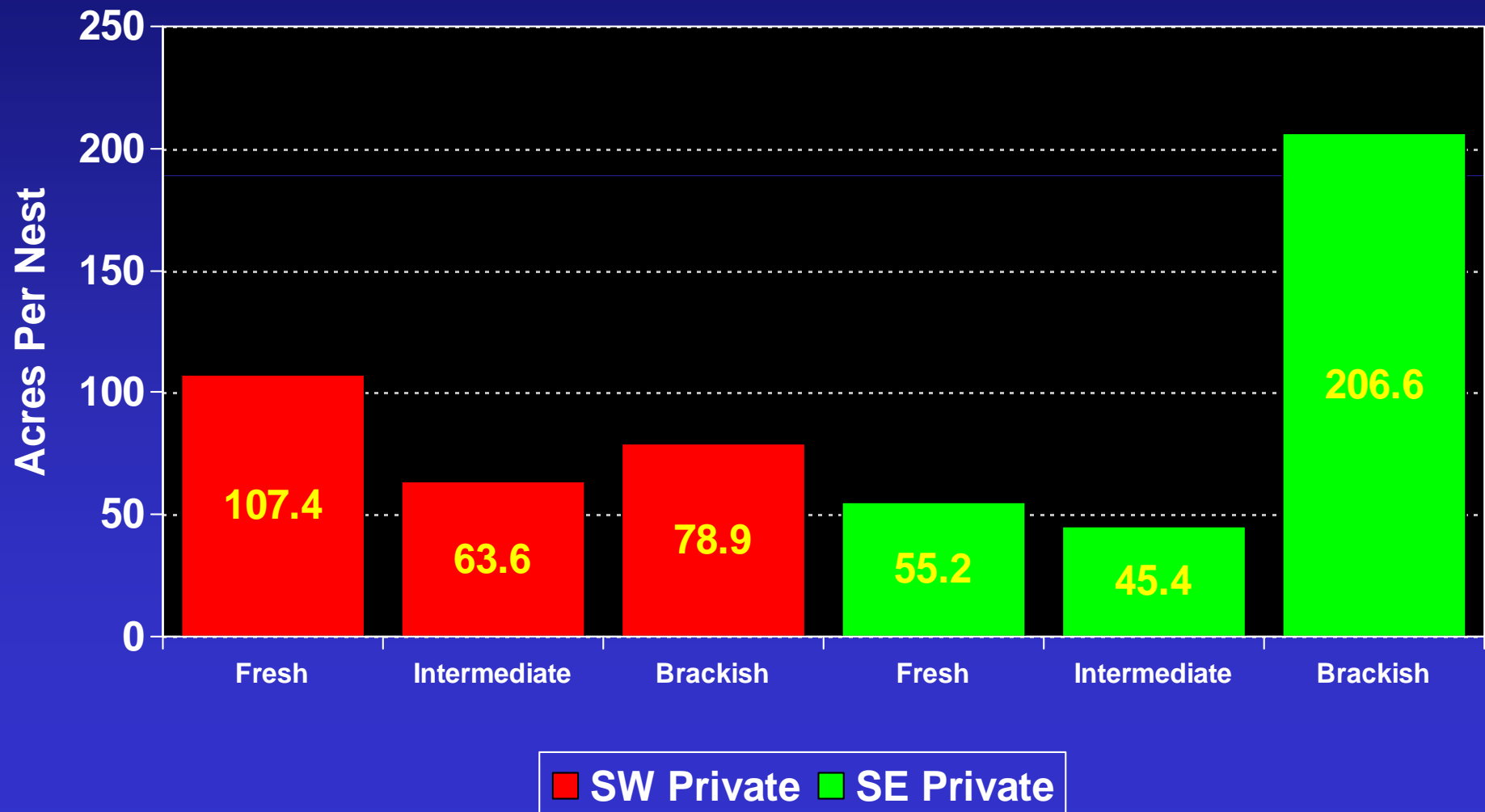


**Total Acreage
2,963,014**

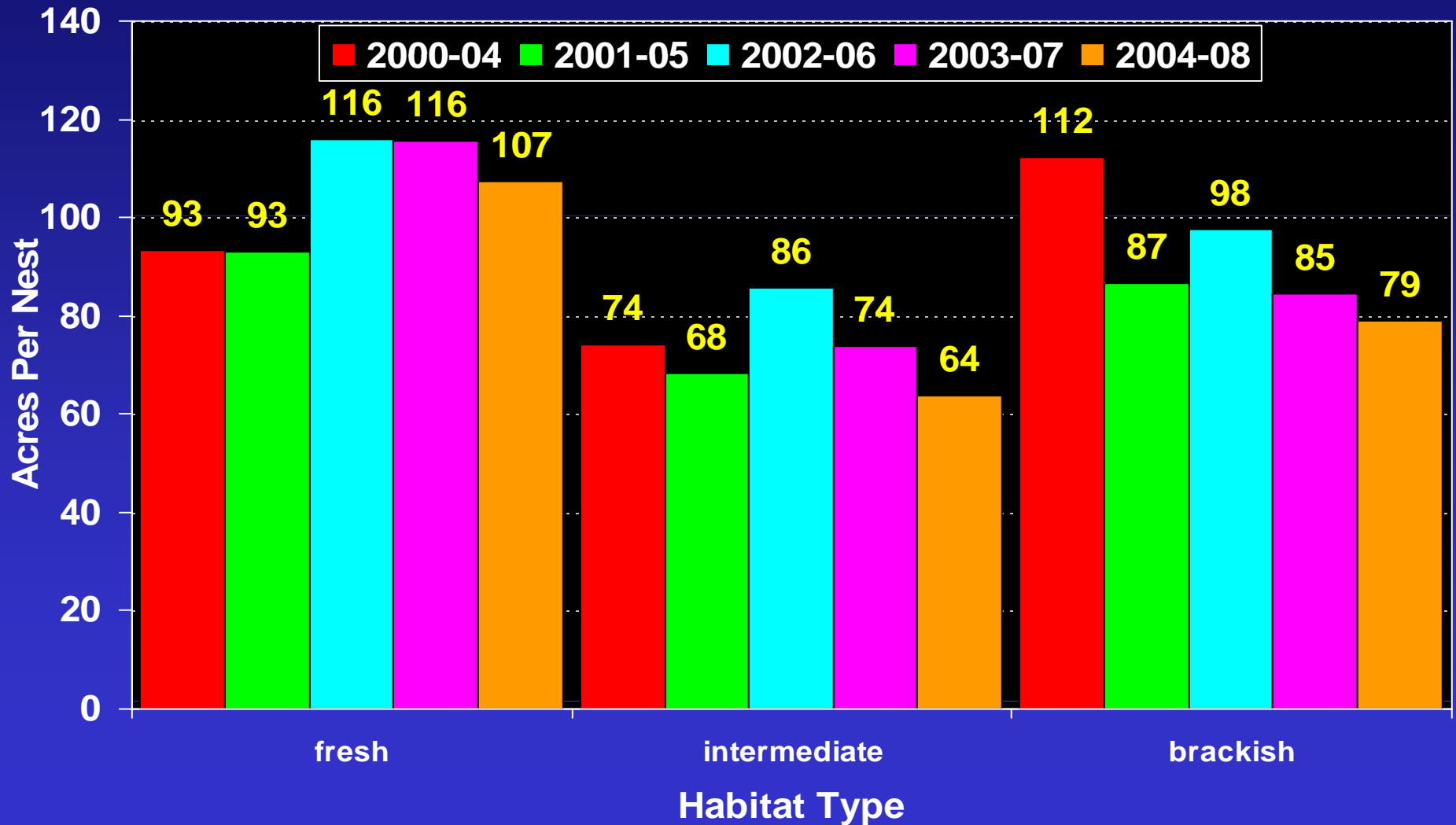
Louisiana's Coastal Marsh Alligator Nest Production by Regional Ownership 1984-2008



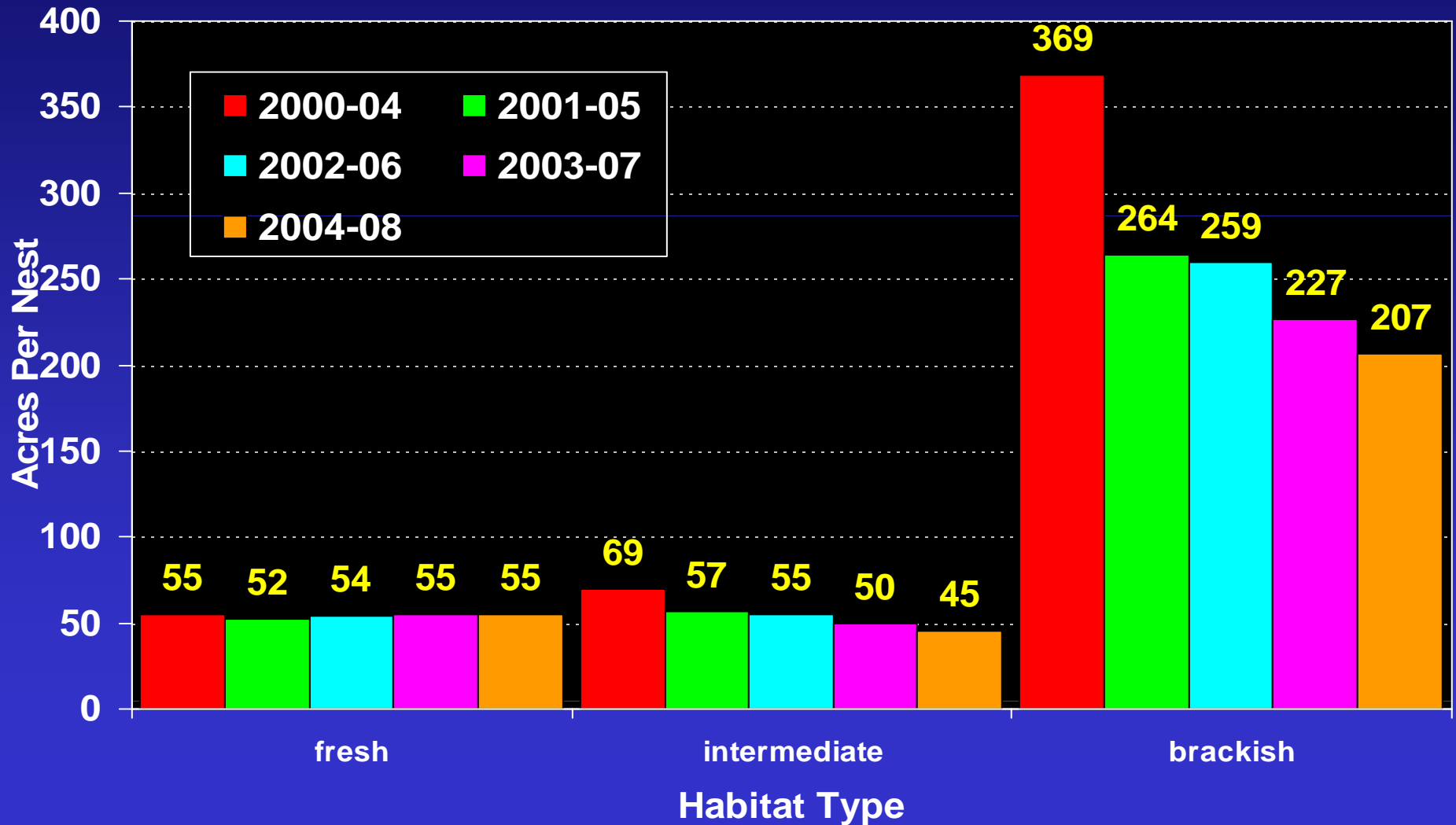
Louisiana's Coastal Marsh Alligator Nest Densities by Regional Ownership and Habitat Type, 2004-2008



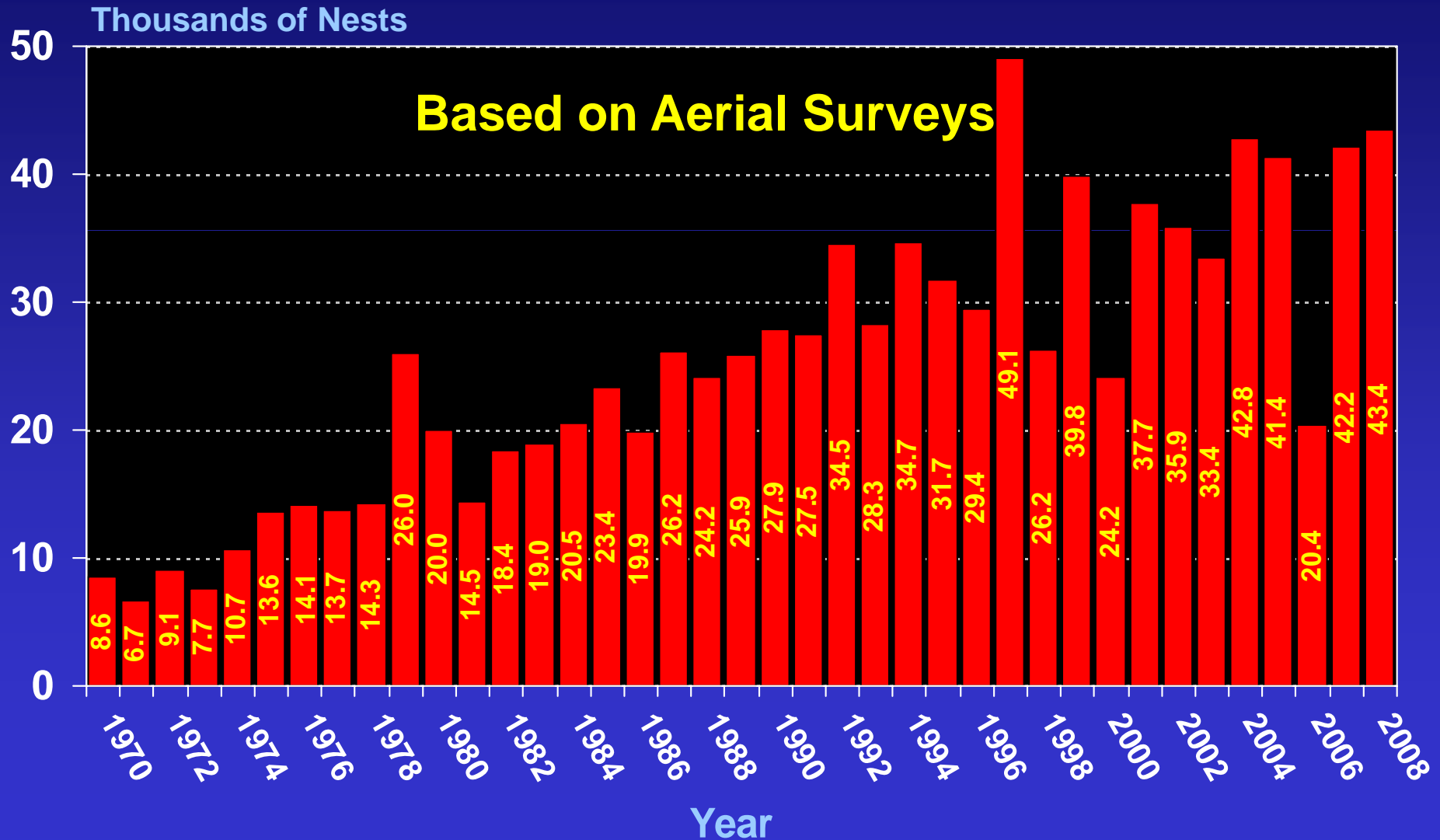
Louisiana's Coastal Marsh Alligator Nest Densities (Southwest Private) 2000-2008



Louisiana's Coastal Marsh Alligator Nest Densities (Southeast Private) 2000-2008



LOUISIANA COASTAL MARSH ALLIGATOR NEST PRODUCTION, 1970-2008



QUESTIONS?



2008 WILD ALLIGATOR SEASON UPDATE



April 1, 2009

2008 ALLIGATOR NEST PRODUCTION

- **Second highest estimated nest production**
- **3% increase from 2007**
- **Southwest Louisiana increased by 8.7%**
- **Southeast Louisiana increased by 0.3%**

2006 HARVEST RESULTS

- Issued 32,211 tags
- Harvested 30,852 alligators

2007 HARVEST RESULTS

- Issued 37,724 tags
- Harvested 35,005 alligators

WILD ALLIGATOR HARVEST QUOTAS

- **Calculate nest densities by parish, habitat type and land ownership (private vs public)**
- **Utilize a 5 - year average nest density**
- **Review prior year harvest statistics**
- **Assess habitat status**
- **Calculate over 50 wild alligator harvest quotas**

2008 TAGS ISSUED

~ 36,325 Standard Tags


~ 4,423 Bonus Tags

40,748 Total Tags

LOUISIANA'S WILD ALLIGATOR SEASON ZONES



Legend

-  Parishes
-  West
-  East



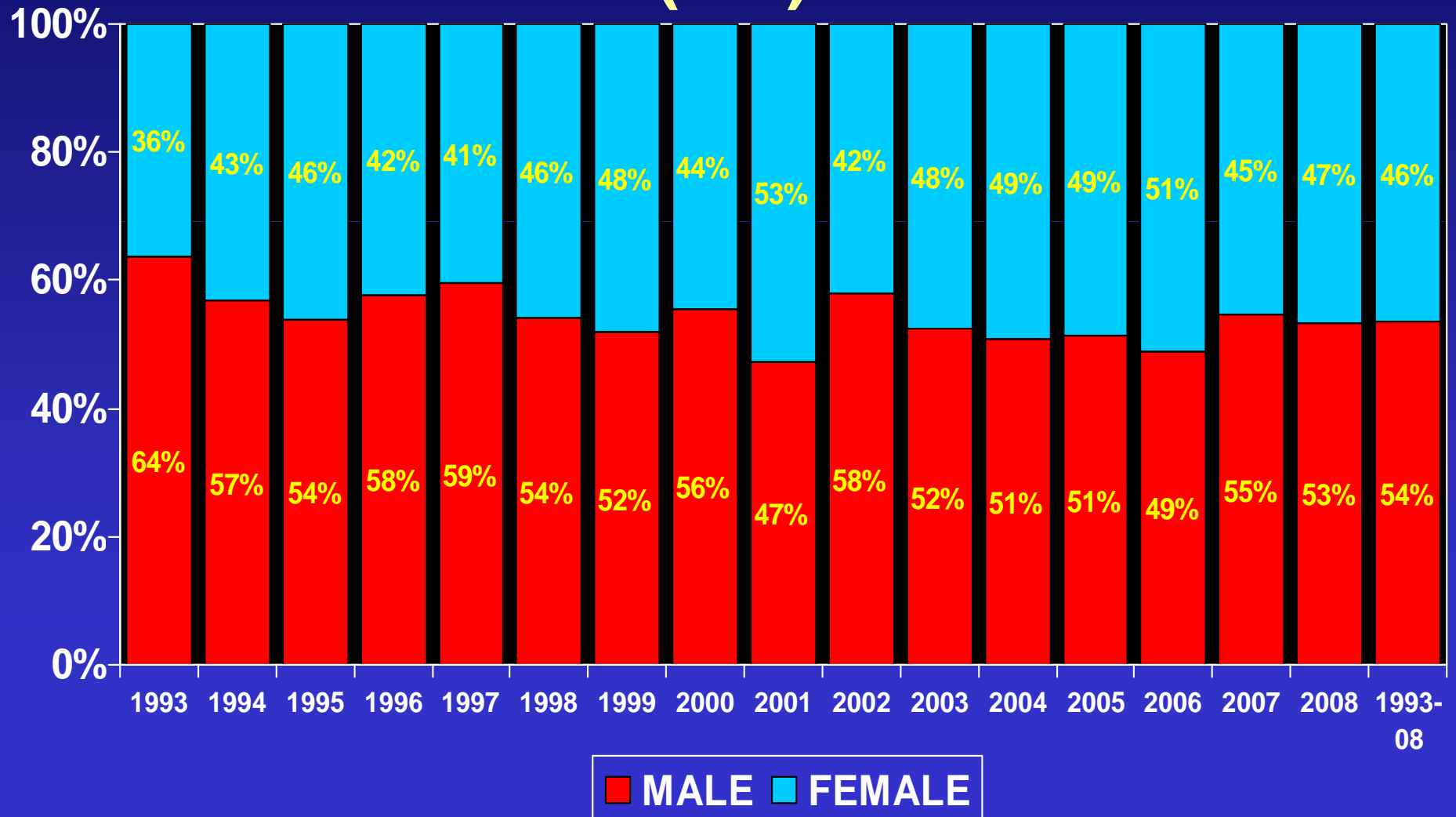
2008 WILD SEASON

- **East Zone - Opened Aug 27th**
- **West Zone - Opened Sept 3rd**
- **Statewide - Closed Oct 19th**

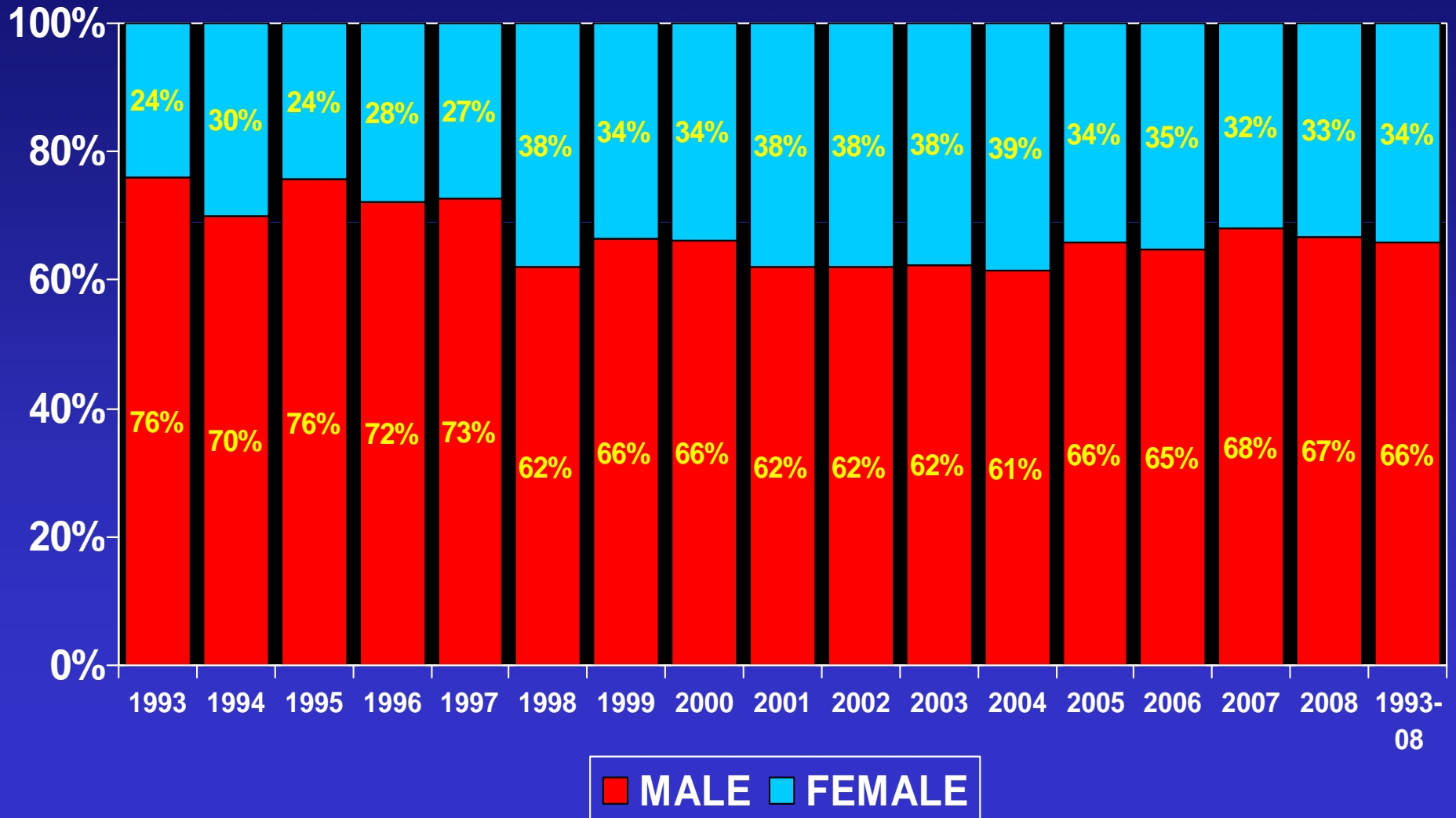
2008 WILD SEASON

- **Estimated harvest – 35,000**
- **Average skin length – 7.5'**
- **Average price – \$34.50/ft.**

Sex Ratio of Sub-adult Alligators Harvested During September Seasons (<6')

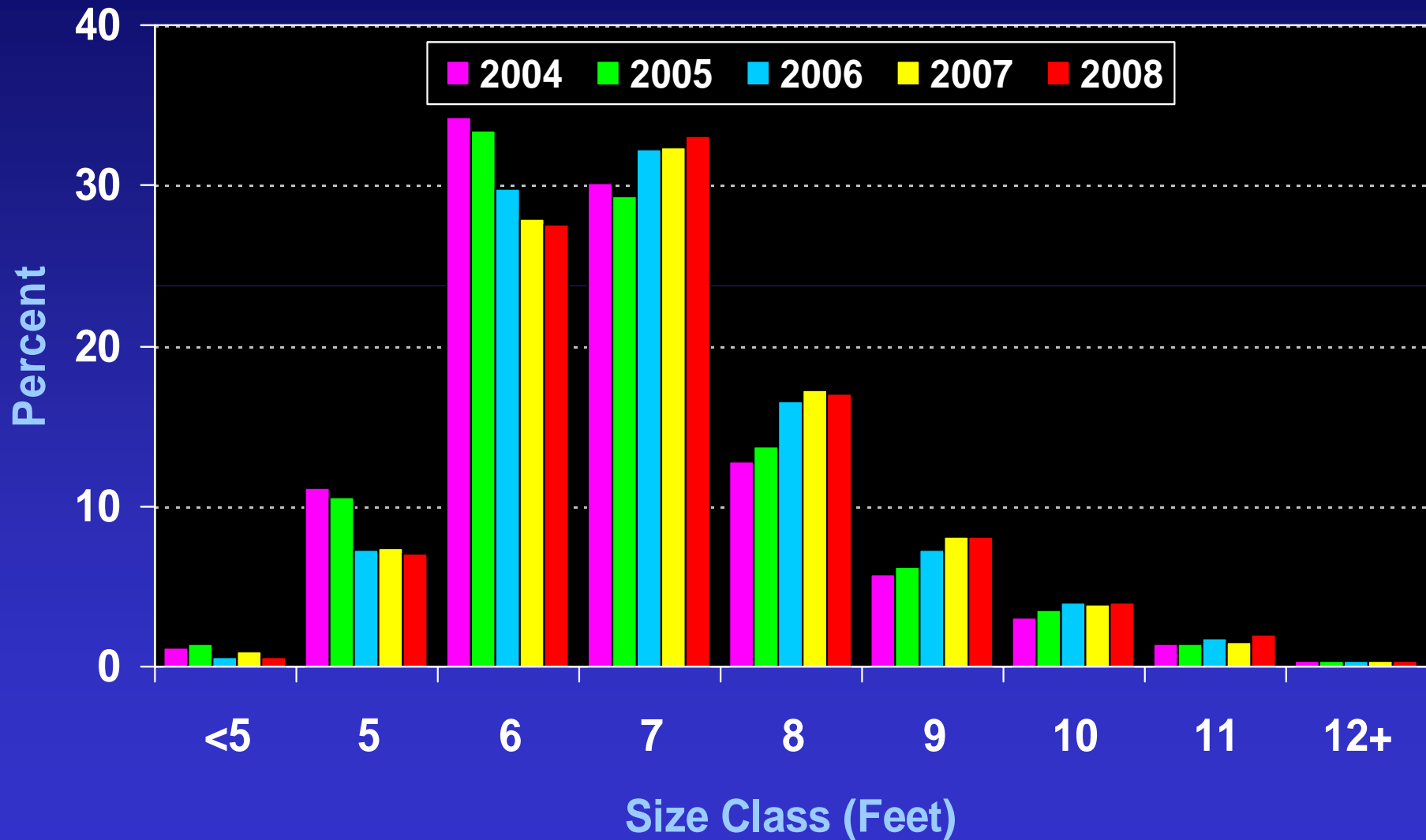


Sex Ratio of Adult Alligators Harvested During September Seasons (6'+)



Louisiana Wild Alligators Harvested, 2004-08

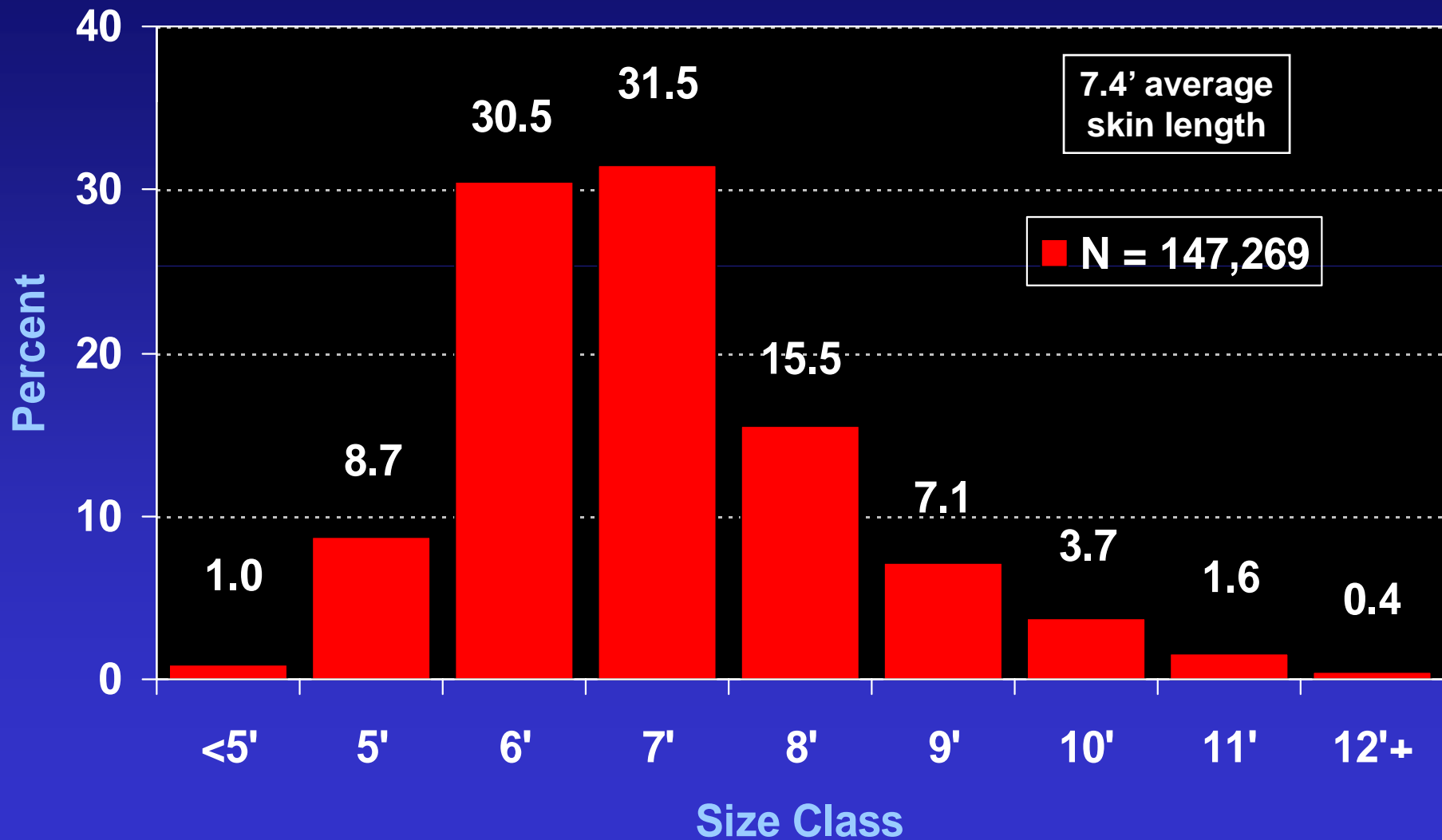
Regular Harvest Skin Lengths



Updated 1/30/09

Louisiana Wild Alligators Harvested, 2004-08

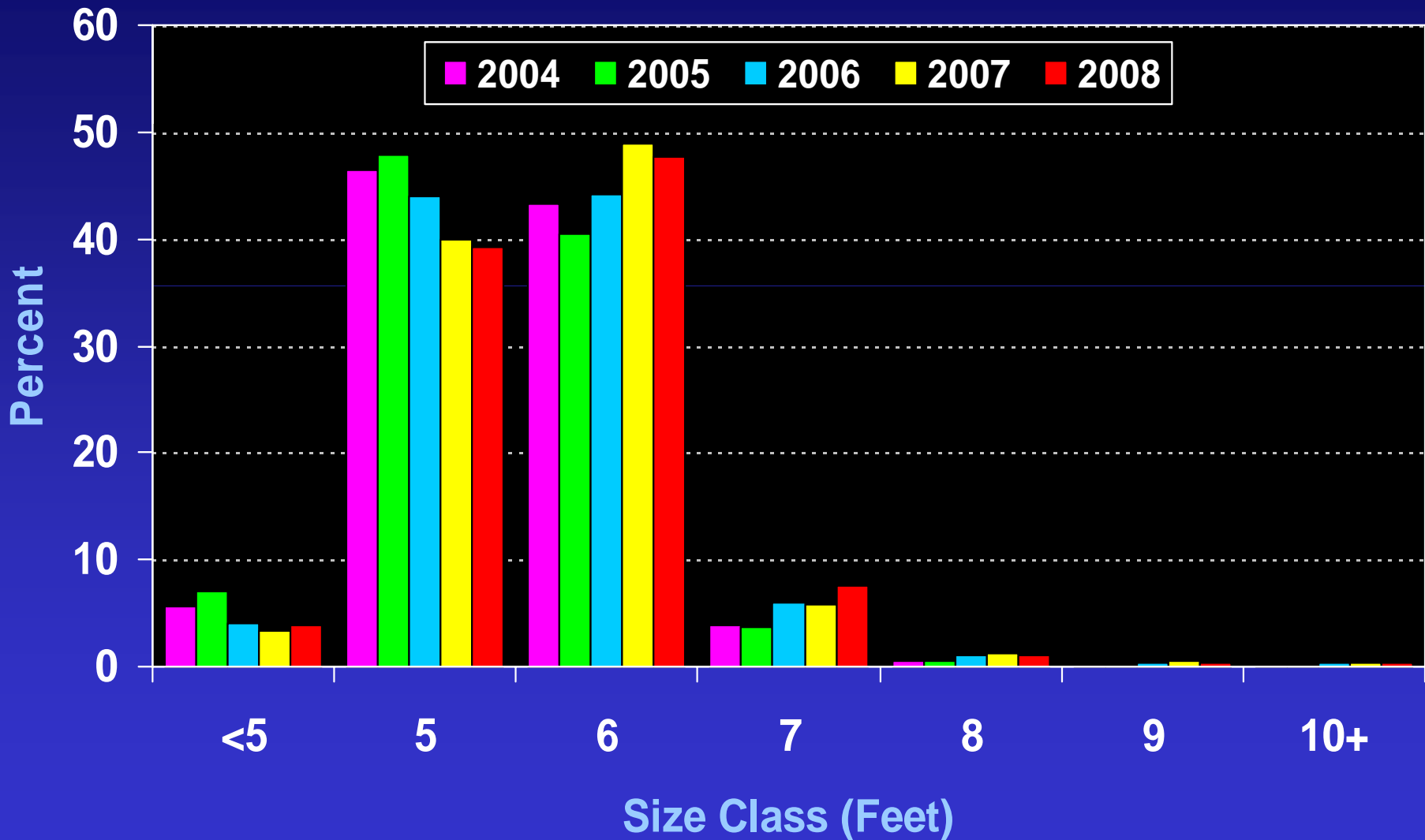
Regular Harvest Skin Lengths



Updated 2/16/09

Louisiana Wild Alligators Harvested, 2004-08

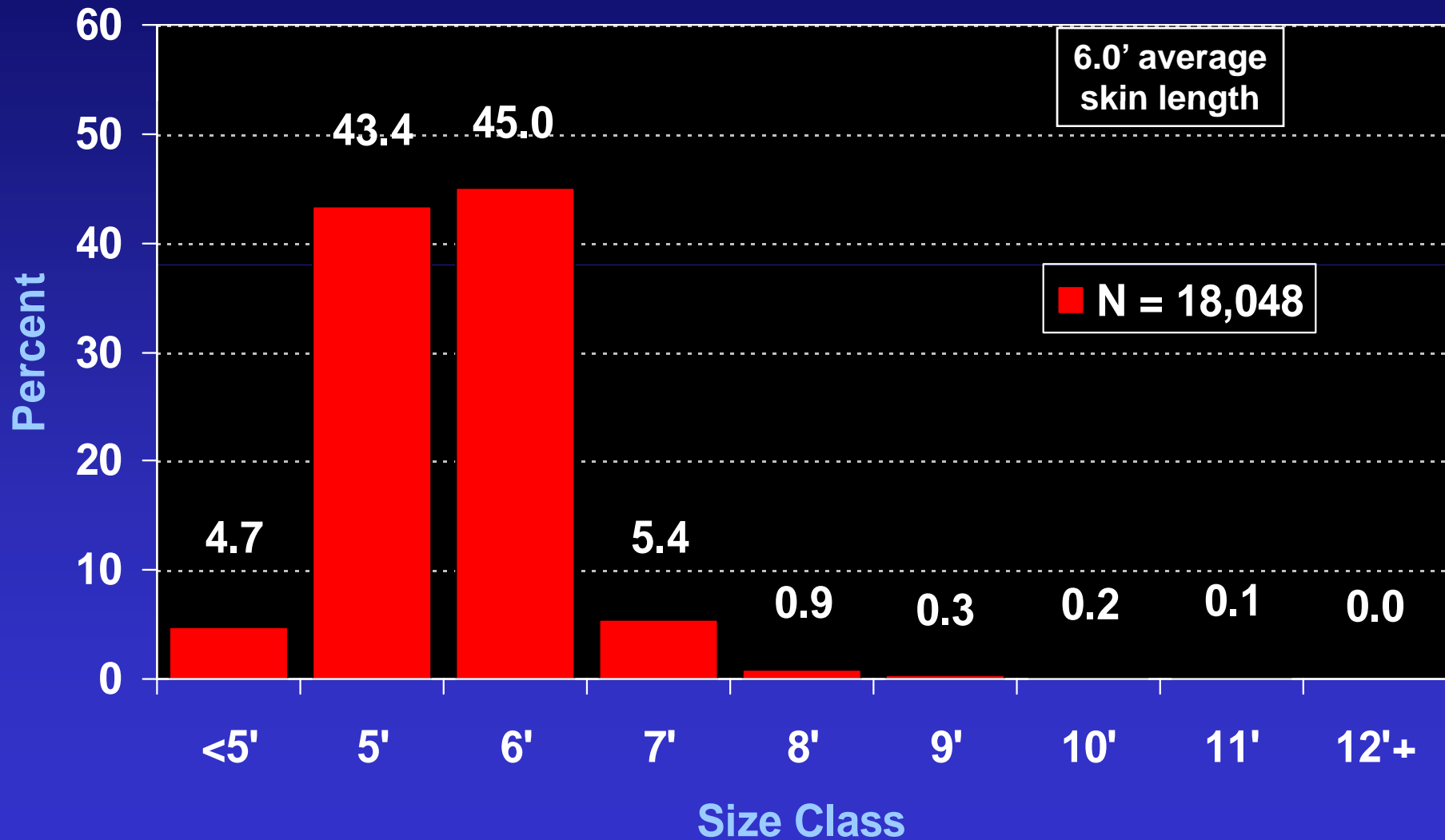
Bonus Harvest Skin Lengths



Updated 1/30/09

Louisiana Wild Alligators Harvested, 2004-08

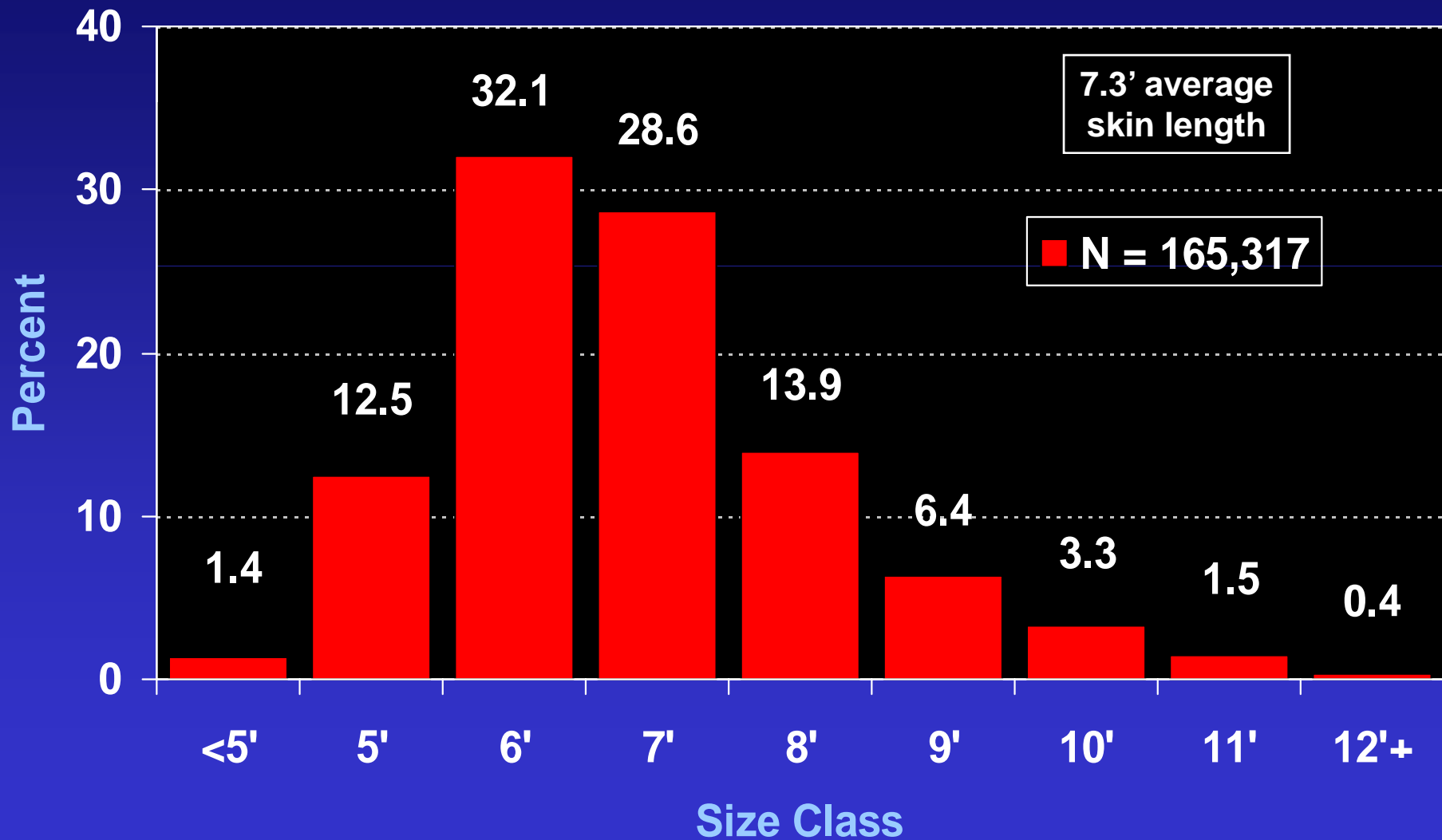
Bonus Harvest Skin Lengths



Updated 2/16/09

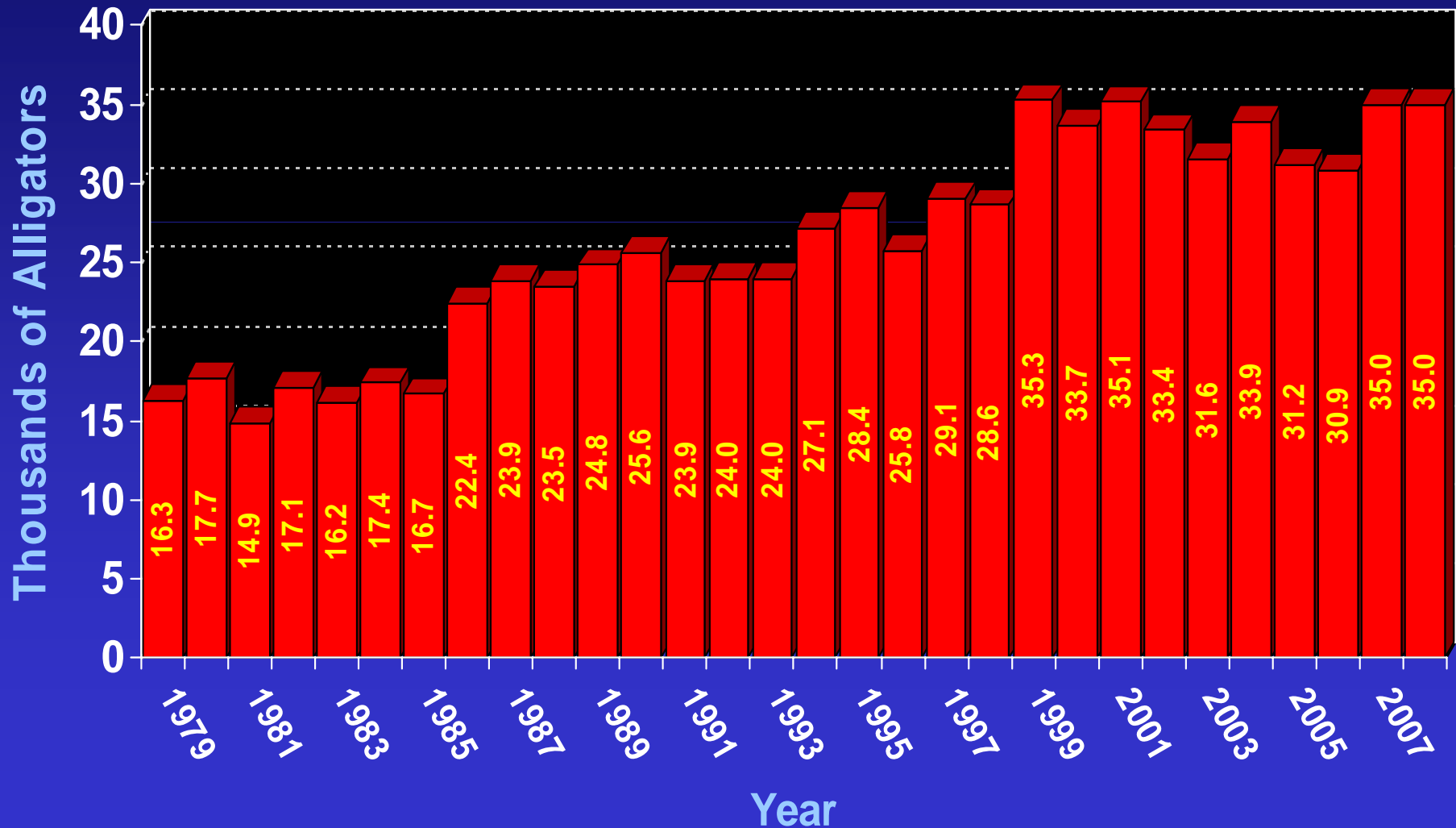
Louisiana Wild Alligators Harvested, 2004-08

Regular & Bonus Harvest Skin Lengths



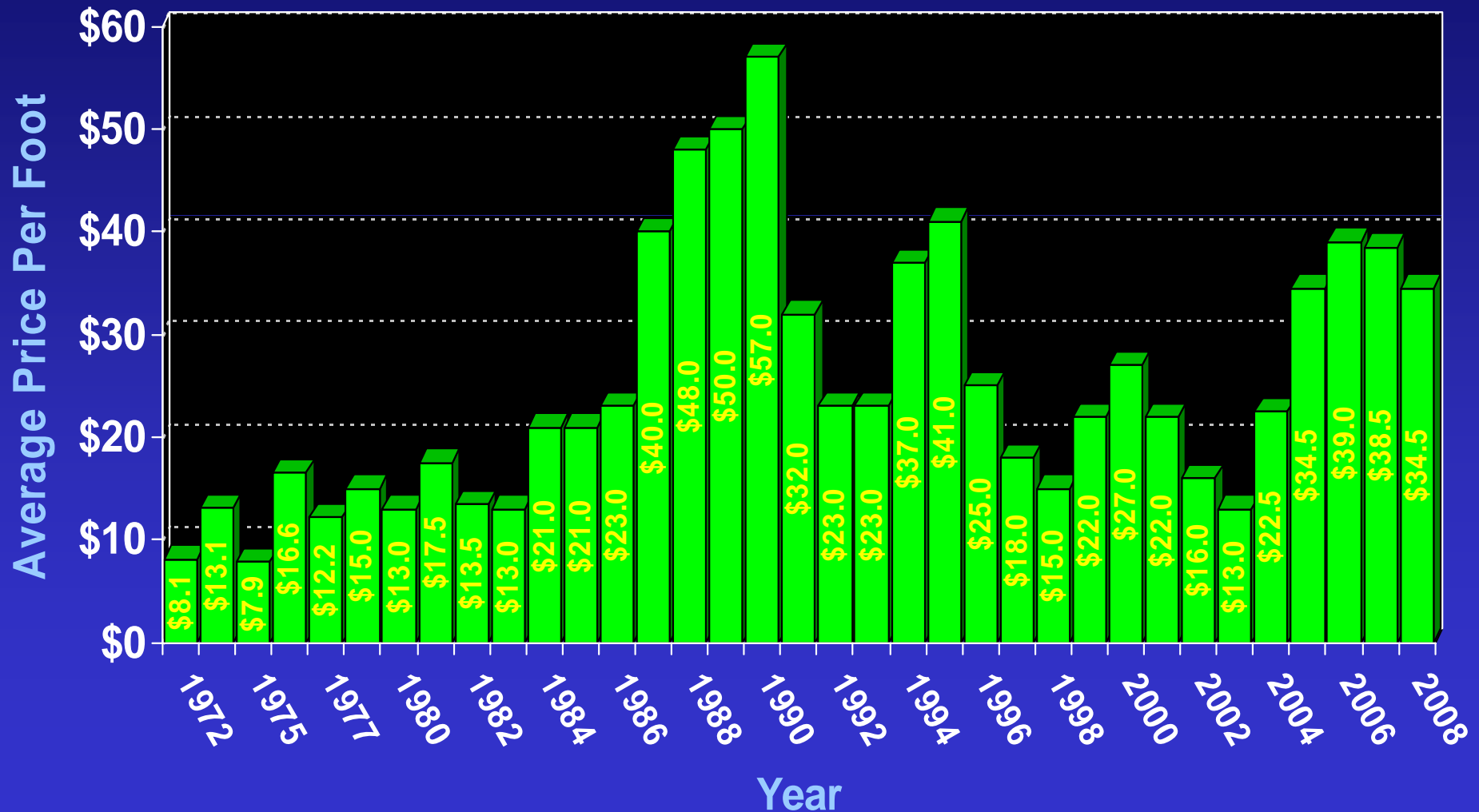
Updated 2/16/09

LOUISIANA WILD ALLIGATOR HARVESTS, 1979-2008



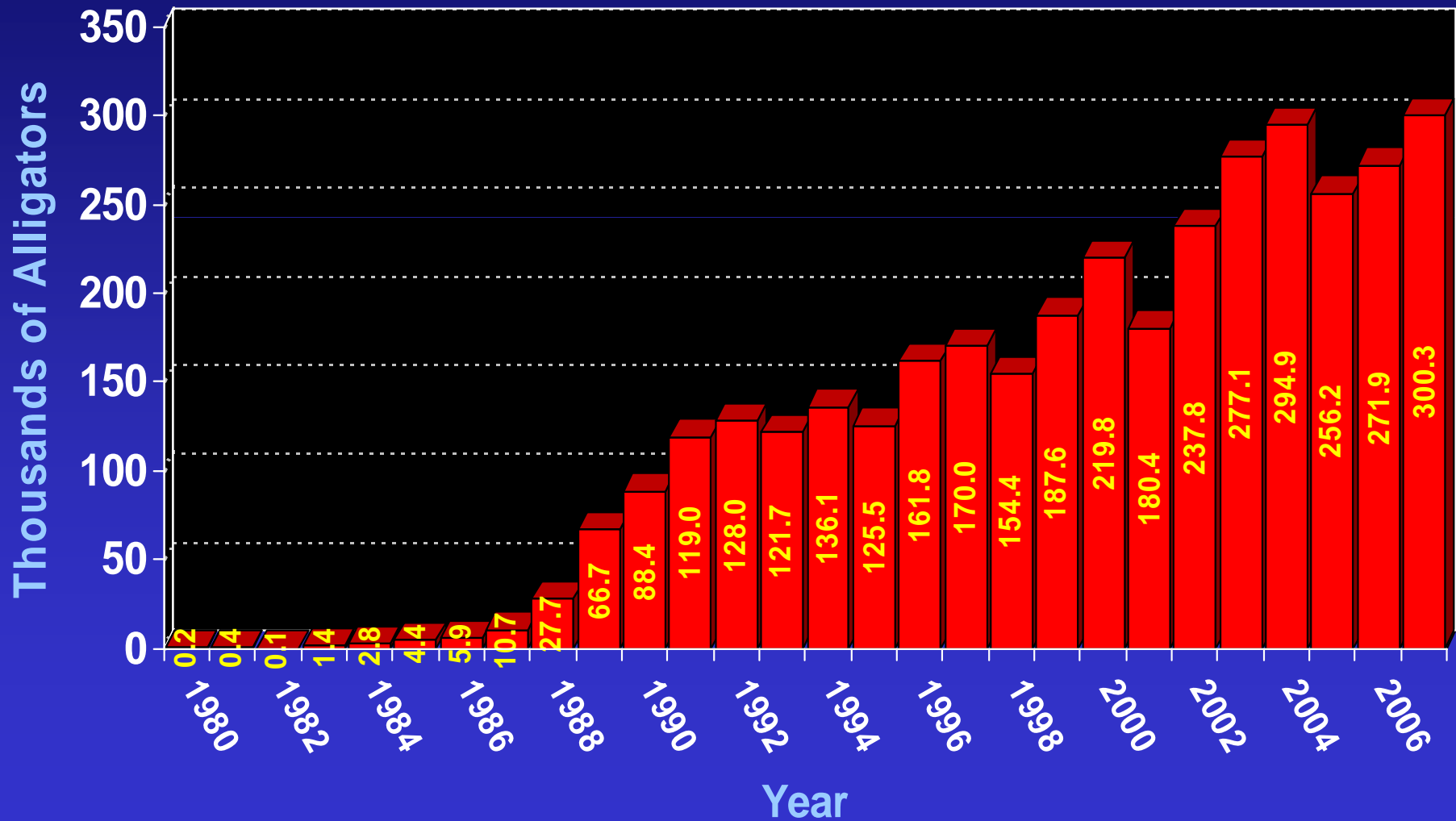
Updated 1/14/09

LOUISIANA WILD ALLIGATOR AVERAGE PRICES, 1972-2008



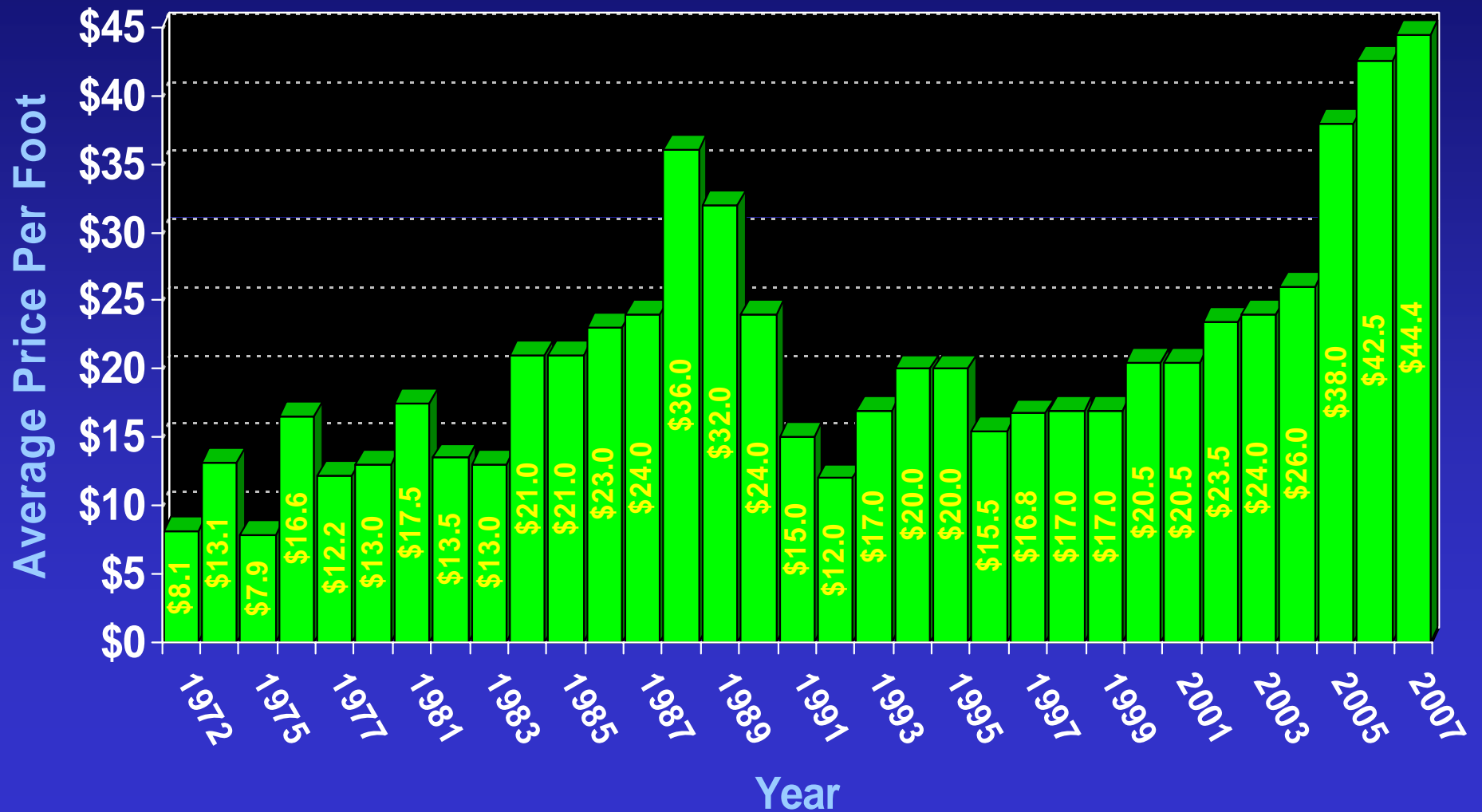
Updated 1/14/09

LOUISIANA FARM ALLIGATOR HARVESTS, 1980-2007



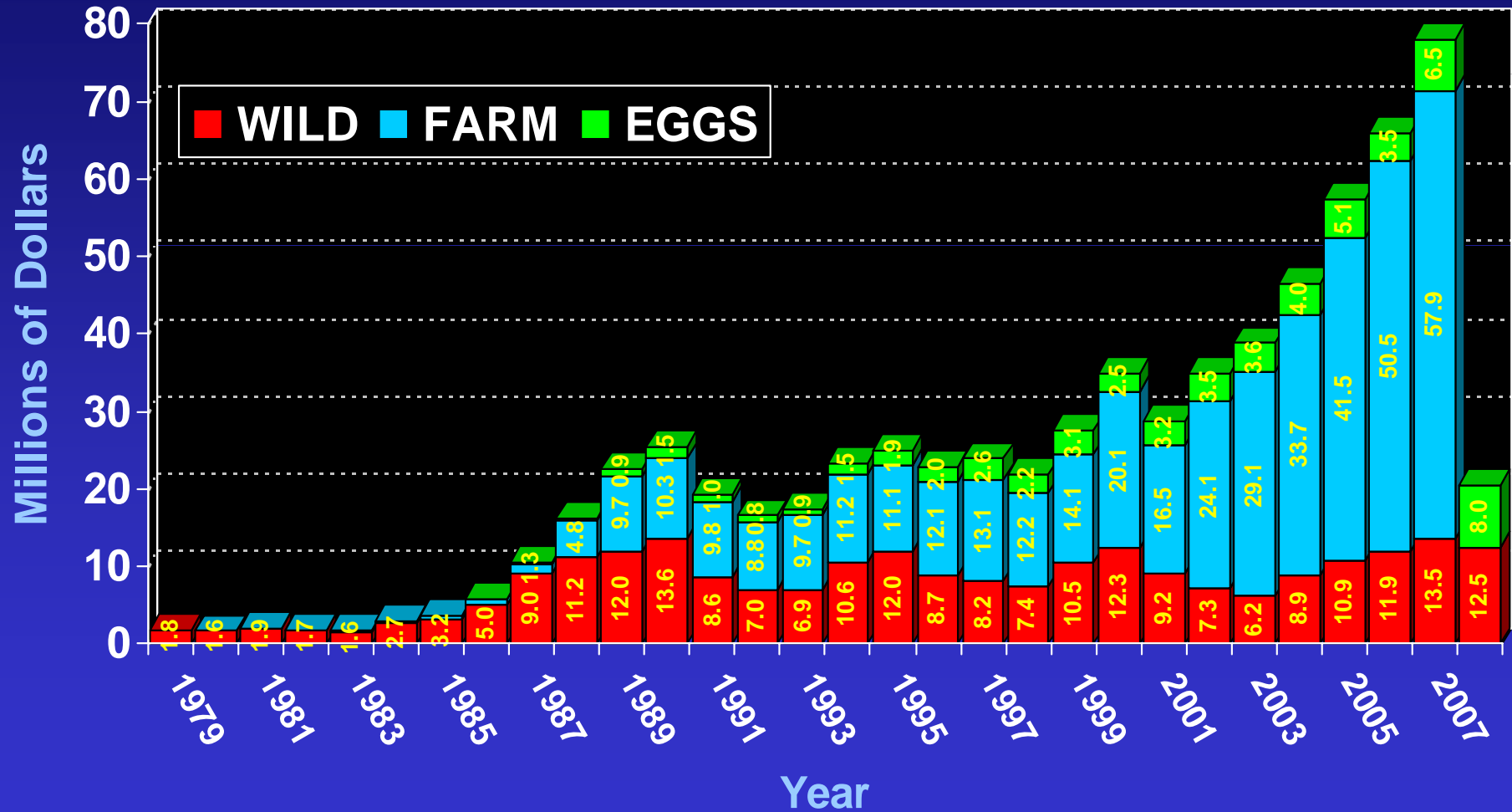
Updated 1/14/09

LOUISIANA FARM ALLIGATOR AVERAGE PRICES, 1972-2007



Updated 1/14/09

VALUE OF ALLIGATORS HARVESTED IN LOUISIANA, 1979-2008



Updated 1/14/09

QUESTIONS?