



# Department of Natural Resources

## Division of Fish and Wildlife

### FY 2010-11 Biennial Budget

Environment, Energy, and Natural Resources Budget Division

Bob Meier, Assistant Commissioner for Policy and Government Relations  
Dave Schad, Director, Division of Fish and Wildlife

February 17, 2009



## Presentation Outline

- Fish and Wildlife – Budget and Critical Trends
- Strategic Objectives
- Priority Outcomes, Measures, and FY 2010-11 Change Items



## DNR Fish and Wildlife

### Conserve and restore fish and wildlife populations and habitats and support nature-based recreation:

- Protect and restore fish and wildlife habitat
- Conduct fish and wildlife inventory, research, and monitoring
- Provide technical assistance and education to the public
- Manage over 50 big game, small game, waterfowl, migratory bird, and furbearer species through regulated harvest



## DNR Fish and Wildlife

### - DNR Serves -

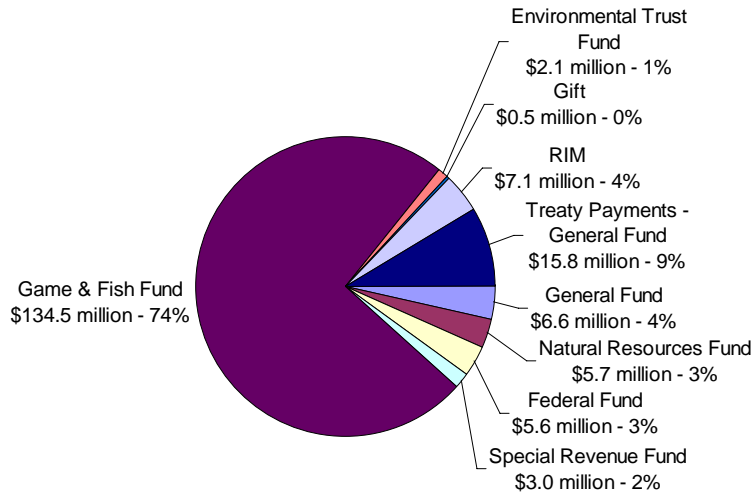
- 1.4 million licensed anglers, 600,000 anglers not required to be licensed, 1,700 commercial fisheries operators, and over 2,000 resort and tourist businesses
- 578,000 licensed hunters and trappers
- 2.1 million wildlife watchers – a 54% participation rate, 2<sup>nd</sup> highest participation rate in the nation
- Fishing, hunting, wildlife watching, and trapping generate \$3.5 billion in annual expenditures in Minnesota





## DNR Fish and Wildlife

FY 2008-09 Fish and Wildlife Budgeted Expenditures  
\$180.9 million

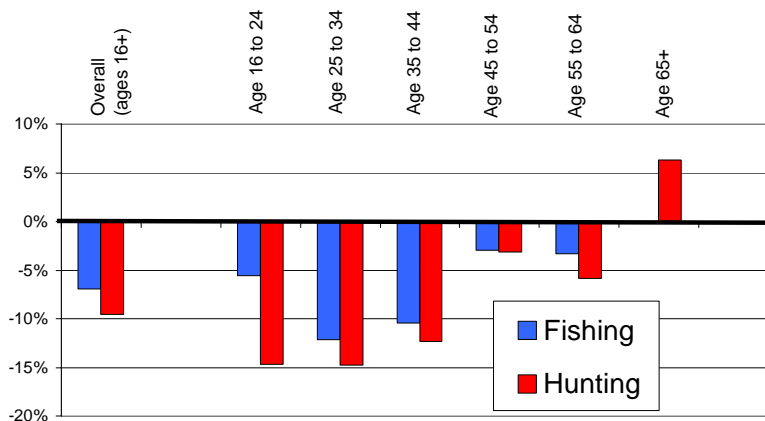


## DNR Fish and Wildlife

### Critical Trend – Outdoor Recreation Participation

Participation rate changes by age class for Minnesotans licensed to fish and hunt in Minnesota, 2000 to 2005

(participation rate = participants / population; based on ELS records)





## DNR Fish and Wildlife

### *Critical Trend – Habitat Loss and Fragmentation*

Landscape change – both historic and ongoing – results in the loss and fragmentation of habitat.



## DNR Fish and Wildlife

### *Critical Trend – Climate Change*

- An overarching driver of change with broad and varied impacts on Minnesota's fish and wildlife populations and habitat.
- Key role promoting new conservation-based energy sources and mitigating and adapting to climate change and its effects.





## DNR Fish and Wildlife

### - *Strategic Objectives* -

- Fish and Wildlife Population Management
- Fish and Wildlife Habitat Management
- Technical Assistance, Planning, and Public Participation
- Outreach and Department Programs
- Public Information and Customer Service



## DNR Fish and Wildlife

### *Strategic Objective 1: Fish and Wildlife Population Management*

Support healthy and productive fish and wildlife populations and provide high quality and abundant fishing, hunting, trapping, and wildlife recreation opportunities.

#### **Supporting Programs:**

- Lake and stream assessments and surveys
- Monitoring
- Fisheries permitting
- Population research
- Treaty coordination
- Fish culture and stocking
- Fish and wildlife health
- Capture and release
- Depredation
- Season management and regulation
- Information systems

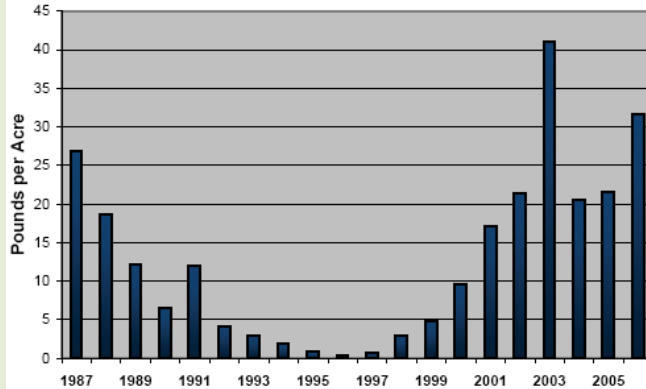




# DNR Fish and Wildlife

## - Priority Outcomes and Measures -

### Red Lake Walleye Biomass



The Red Lake walleye population collapsed in the 1990s. It recovered after joint efforts from DNR and the Red Lake Band of Chippewa Indians.

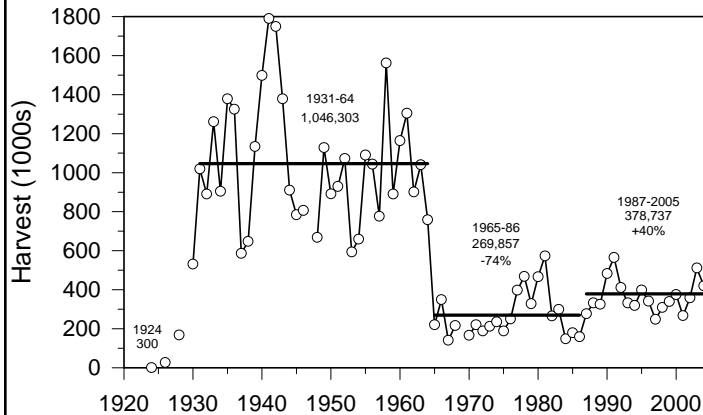
**Target:** Maintain a self-sustaining walleye population that supports a thriving sport fishery. Mature female spawning stock will exceed 2.0 pounds per acre and be composed of a diverse age structure.



# DNR Fish and Wildlife

## - Priority Outcomes and Measures -

### Pheasant Harvest



#### Pheasant Populations:

The target requires a habitat base that can support an average fall population of 3 million pheasants.

**Target:** Achieve an annual average harvest of 450,000 pheasants by 2008 and 750,000 pheasants by 2025.



## DNR Fish and Wildlife

- Change Item -

### - *Gray Wolf Management and Research* -

(\$220,000 FY2010; \$220,000 FY2011)

Natural Resources Fund

#### Outcomes

Implementation of the Minnesota Wolf Management Plan:

- Improved wolf population monitoring and research
  - Two-year pilot study to address an aerial survey method to enumerate wolves in Minnesota.
  - Monitoring to assess mortality and disease influence to meet USFWS reporting requirements.
- Wolf-livestock depredation response
  - Cost-share wolf damage management programs.



## DNR Fish and Wildlife

- Change Item -

### - *Bovine Tuberculosis Monitoring and Management* -

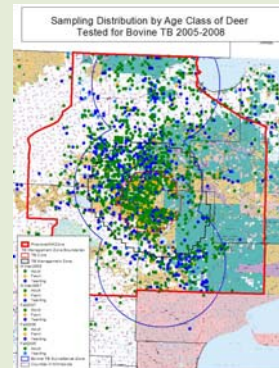
(\$600,000 FY2010; \$600,000 FY2011)

General Fund

#### Outcomes

One-time appropriation for wild deer disease surveillance and management efforts meet needs to restore Minnesota's bovine tuberculosis (TB) free status.

- Monitoring disease in wild deer
- Reducing overall deer numbers in TB affected areas
- Intensive removal by sharp shooting of deer from targeted areas





## DNR Fish and Wildlife

- Change Item -

### - Walleye Stamp Appropriation -

(\$285,000 FY2010; \$285,000 FY2011)

Game and Fish Fund

#### Outcomes

- Proceeds from sale of voluntary \$5 walleye stamp used for stocking walleye in state waters.
- Appropriation ensures revenues generated from sale of stamp committed to dedicated uses.



## DNR Fish and Wildlife

### *Strategic Objective 2: Fish and Wildlife Habitat Management*

Conserve and restore fish and wildlife habitat and provide access to high quality and abundant fishing, hunting, trapping, and wildlife recreation opportunities.

#### Supporting Programs:

- Habitat acquisition (e.g., WMAs, AMAs)
- Stream, lake, wildlife area habitat improvement (e.g., shallow lakes management)
- Habitat research, assessment, and monitoring
- Aquatic plant management

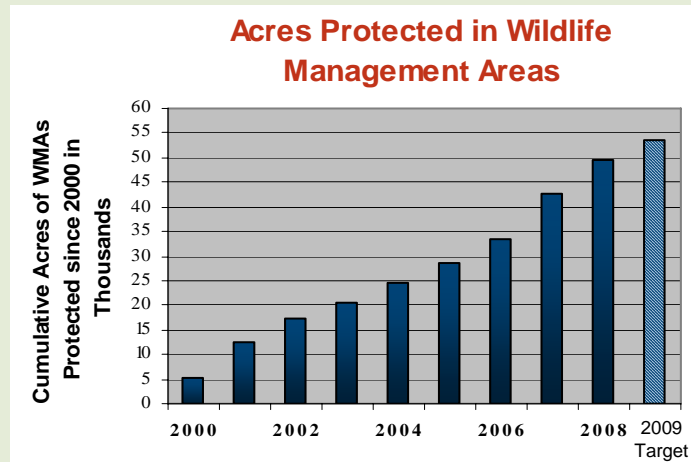






## DNR Fish and Wildlife

- *Priority Outcomes and Measures* -



**FY 2008 Result:** 6,882 new WMA acres acquired

**FY 2008 Target:** 8,000 acres

**2012 Target:** 210,000 acres protected since 2002 (stakeholder recommendation)

**2052 Target:** 700,000 acres protected since 2002 (stakeholder recommendation)



## DNR Fish and Wildlife

- *Change Item* -

- *Clean Water Legacy* -

(\$950,000 FY2011)

Clean Water Fund

### Outcomes

- Complete 110 full lake and/or stream surveys in targeted watersheds to identify and assess impaired waters and provide data for TMDL studies
- Expand field crews in lake Index of Biotic Integrity (IBI) work to meet MPCA goal of assessing 100 lakes/year
- Contribute fisheries technical expertise towards development of TMDL plans in 8 watersheds in FY 2011



## DNR Fish and Wildlife

### *Strategic Objective 3: Technical Assistance, Planning, and Public Participation*

Minnesotans are knowledgeable about the value of healthy environments and supportive of the conservation of natural resources.

#### **Supporting Programs:**

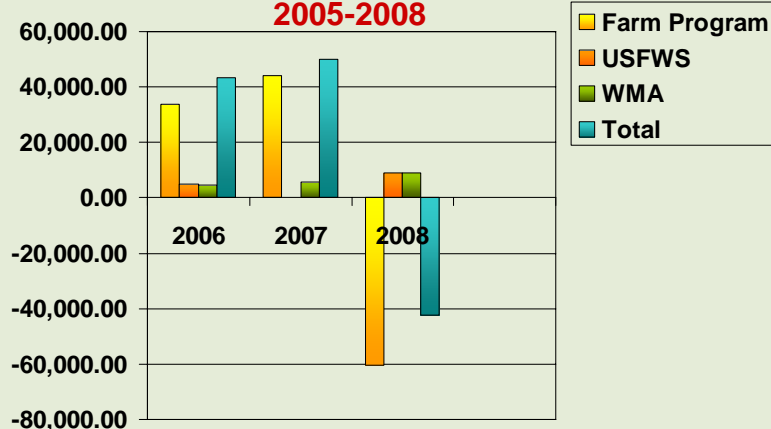
- Technical guidance (e.g., private lands assistance)
- Planning and Coordination
- Environmental review
- Permitting



## DNR Fish and Wildlife

### *- Priority Outcomes and Measures -*

#### **Annual Habitat Change 2005-2008**



FY 2010 Target: Maintain enrollment of the highest priority farm program acres following CRP contract expirations in 2008 and 2009



## DNR Fish and Wildlife

### Strategic Objective 4: Outreach and Department Programs

Increase multicultural, urban, and youth recreation participation and appreciation of Minnesota's outdoor heritage.

#### Supporting Programs:

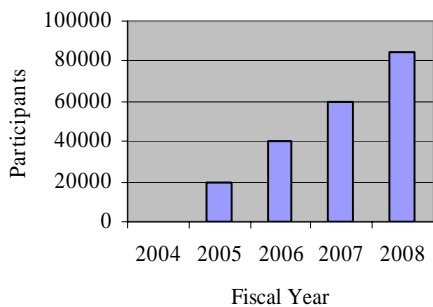
- Aquatic and angling education
- Angling and hunting mentoring
- Hunter recruitment and retention
- Southeast Asian Program
- Becoming an Outdoors Woman Program
- Fishing in the Neighborhood
- Archery in the Schools
- Market research



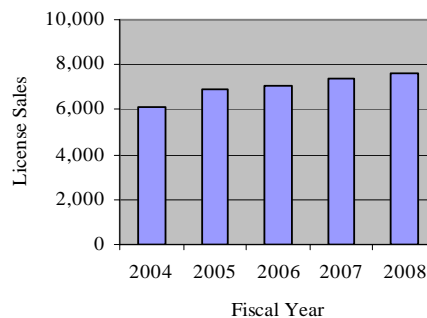
## DNR Fish and Wildlife

### - Priority Outcomes and Measures -

Archery in the Schools Participants



Youth Archery License Sales



**FY 2009 Target:** Maintain youth hunter participation as measured by license sales and increase special youth hunt opportunities



## DNR Fish and Wildlife

### Strategic Objective 5: Public Information and Customer Service

#### Supporting Programs:

- Recreational vehicle, game and fish permitting and licensing
- Web-based registration and titling
- Public information



## DNR Fish and Wildlife

- Change Item -

- General Fund Reduction -

(((\$2.77 million) FY2010; (\$2.77 million) FY2011)

#### Impacts of Expected General Fund Reduction:

Population Management (44% of the FY 10-11 base budget)

- ↓ 3.5% (\$1.0 million FY 2010; \$1.0 million FY2011)
  - Population surveys, creels, hatchery efficiencies, research

Habitat Management (33% of the FY 10-11 base budget)

- ↓ 3.5% (\$0.8 million FY 2010; \$0.8 million FY2011)
  - SWCD/shoreland grants, informal environmental review

Technical Assistance (14% of the FY 10-11 base budget)

- ↓ 4.3% (\$0.4 million FY 2010; \$0.4 million FY2011)
  - Watershed planning, private lands work, forest planning

Outreach (3% of the FY 10-11 base budget)

- ↓ 5.8% (\$0.1 million FY 2010; \$0.1 million FY2011)
  - MSSEC, volunteer programs, MinnAqua

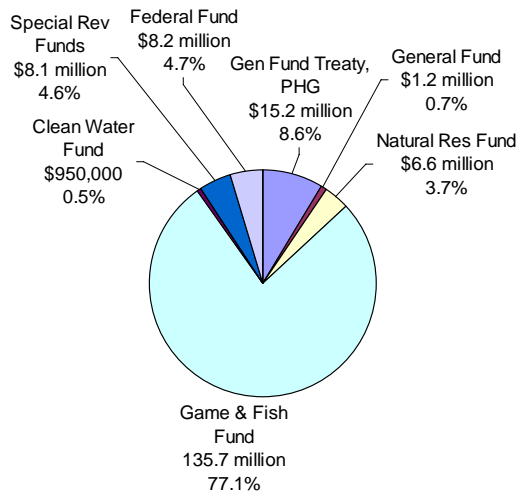
Public Information and Customer Service (6% of the FY 10-11 base budget)

- ↓ 10.3% (\$0.4 million FY 2010; \$0.4 million FY2011)
  - Office consolidation, vacancy holding will provide less public contact



# DNR Fish and Wildlife

## FY 2010-11 Governor's Recommendation Fish and Wildlife \$175.9 million



# DNR Fish and Wildlife

Fish and Wildlife	General Fund	Other Funds	Total
Current Spending	5,540	157,607	163,147
Current Spending Treaty Payments	15,174		15,174
Governor's Initiatives:			
General Fund Reduction	(5,540)		(5,540)
Bovine TB Monitoring	1,200		1,200
Clean Water Legacy		950	950
Gray Wolf Management and Research		440	440
Walleye Stamp Appropriation		570	570
Total Governor's Initiatives:	(4,340)	1,960	(2,380)
<b>Fish and Wildlife</b>	<b>16,374</b>	<b>159,567</b>	<b>175,941</b>

