Fishing, Hunting, Wildlife Viewing, and Shellfishing in Oregon
2008 State and County Expenditure Estimates

May 2009

Summer Lake Wildlife Area
Photo Credit: Oregon Department of Fish and Wildlife

Prepared for the

Oregon Department of Fish and Wildlife
Travel Oregon
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May 2009

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Oregon Department of Fish and Wildlife
Travel Oregon

Dean Runyan Associates
833 SW 11th Ave., Suite 920
Portland, Oregon 97205
503.226.2973  www.deanrunyan.com
Executive Summary

This study, the result of a comprehensive effort by the Oregon Department of Fish and Wildlife (ODFW) and Travel Oregon, describes hunting, fishing, wildlife viewing, and shellfish harvest participation and related expenditures made throughout Oregon and the state’s travel regions and counties.

Participation and Expenditures in Oregon

In 2008, nearly 2.8 million Oregon residents and nonresidents participated in fishing, hunting, wildlife viewing, and shellfish harvesting in Oregon. Of the total number of participants, 631 thousand fished, 282 thousand hunted, 175 thousand harvested shellfish, and 1.7 million participated in outdoor recreation where wildlife viewing was a planned activity.

In 2008, state residents and nonresidents made three distinct types of fish and wildlife recreation expenditures:

- Travel-Generated
- Local Recreation (less than 50 miles from home)
- Equipment Purchases (includes boats and recreation vehicles)

When all three categories are combined, fish and wildlife recreation resulted in expenditures of $2.5 billion in 2008. Oregon residents and nonresidents who traveled overnight and on day trips of 50 or more miles (one-way) from home made travel-generated expenditures of $862 million. Local recreation expenditures of $147 million were made by Oregon residents while participating in these activities less than 50 miles from home. State residents and nonresidents also spent an additional $1.5 billion on specialty equipment and other activity-related purchases from retail establishments and suppliers based in Oregon.

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Fish and Wildlife Activities Benefit All Regions of Oregon

During 2008, travel-generated expenditures accounted for over $100 million in four of Oregon's travel regions (North Coast, Central Coast, Central, and Eastern). In all nine travel regions, travel-generated expenditures for wildlife viewing and fishing were particularly notable. While travel-generated expenditures for hunting occurred in each of the nine travel regions of the state, spending made in the Eastern, Southern, and Willamette Valley travel regions accounted for nearly two-thirds of the total.

Local recreation expenditures occurred most notably in travel regions with large urban-centered populations (Willamette Valley, Portland Metro/Columbia, and Southern), with fishing, hunting, and wildlife viewing representing the bulk of all local recreation expenditures made throughout the state.
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<td>Expenditures for Shellfishing by Trip Type for Counties, 2008</td>
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<td>Expenditures for Hunting by Trip Type for Counties, 2008</td>
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<td>Expenditures for Wildlife Viewing by Trip Type for Counties, 2008</td>
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<td>C-6</td>
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Preface

This study, the result of a comprehensive effort by the Oregon Department of Fish and Wildlife (ODFW) and Travel Oregon, documents the economic significance of fishing, hunting, wildlife viewing and shellfish harvest in Oregon and its 36 counties in 2008. The report is intended to assist ODFW watershed and regional managers, state and local officials, as well as local chapters of sports groups or other organizations interested in fish and wildlife.

Dean Runyan Associates and The Pulse Group prepared this study for ODFW and Travel Oregon. Dean Runyan Associates has specialized in research and planning services for the travel, tourism, and recreation industry since 1984. Dean Runyan Associates also has extensive experience in project feasibility analysis, market evaluation, survey research, and travel and recreation planning. The Pulse Group is a market research and strategic planning firm specializing in large-scale study design and implementation.

In preparing this report, we have received essential guidance and assistance from numerous ODFW staff, whom we thankfully acknowledge. Stephen Williams, Deputy Administrator Fish Division, Larry Cooper, Deputy Administrator Wildlife Division, Dave Fox, Marine Resource Program Assessment and Management Section Leader, Tom Thornton, Game Program Manager, Dave Budeau, Upland Game Bird Coordinator, Christine Broniak, Economist, Christopher Carter, Ph.D., Natural Resource Economist, as well as many others who provided information and advice for this report.

In addition, we want to express our thanks for the cooperation of over 11,000 individuals who voluntarily provided detailed information about their hunting, fishing, wildlife viewing or shellfish harvest activity in Oregon.

Finally, special thanks are due to Roger Fuhrman, Administrator, Information and Education Division, ODFW, and Todd Davidson, CEO, Travel Oregon for their project support and assistance.

Dean Runyan Associates
833 SW 11th Ave., Suite 920
Portland, OR 97205

503.226.2397
info@deanrunyan.com
www.deanrunyan.com
I. Introduction

In Oregon, fishing, hunting, wildlife viewing, and shellfish harvesting generates economic activity for regions and counties throughout the state. Many locations within Oregon serve as appealing overnight and day destinations for both Oregon residents and out-of-state visitors (nonresidents) who participate in fishing, hunting, wildlife viewing, and shellfish harvesting activities while traveling away from home. In addition, many Oregon residents participate in these same fish and wildlife recreation activities close to home, supporting local businesses by spending dollars within their region and county of residence.

Based on results reported from detailed questionnaires and phone interviews, this study describes detailed expenditures made by Oregon residents and nonresidents for fishing, hunting, wildlife viewing and shellfish harvesting in Oregon during 2008. This study also estimates the retail expenditures for fish and wildlife activity-related equipment purchased in Oregon during 2008.

Detailed statewide information on trip characteristics and demographics for each recreation activity type is also included, providing details such as the purpose and length of the trips, the distance traveled, the type of fish or wildlife pursued or viewed, travel party size, as well as other associated trip-related characteristics (shown in Appendix A).

Objectives

This study represents a comprehensive effort by Oregon Department of Fish and Wildlife (ODFW) and Travel Oregon to document the economic significance of fishing, hunting, wildlife viewing, and shellfish harvest in Oregon. Other previous research, including the U.S. Department of the Interior, Fish and Wildlife Service 2006 National Survey of Fishing, Hunting and Wildlife-Associated Recreation, provide economic information at the statewide level. While this information is helpful, many of the decisions that directly affect fish and wildlife, habitat and recreation are made at the local level – by ODFW watershed or regional managers, by state and local officials, by local chapters of sports groups, or by other organizations interested in fish and wildlife.

The information contained in this help will help further the following objectives:

- Highlight the economic impact of decisions that may affect fishing, hunting or wildlife viewing opportunities. This information will help local decision makers more accurately evaluate the impact of changes in regulations, habitat, invasive species, land use, fish passage and other activities that could affect recreation and fish and wildlife.

- Provide additional information to help secure grants and other funding to improve fishing, hunting and wildlife viewing opportunities such as handicap access, boat launches, fishing piers, viewing blinds, and public access. The information may also be used for
grants for habitat improvement projects and other efforts to improve fish and wildlife habitat.

- Increase understanding of who is involved in fishing, hunting, shellfish harvest, and wildlife viewing. This will help ODFW prioritize efforts to meet public demand for fishing, hunting, shellfish, and wildlife viewing activities.

- Increase understanding of where individuals fish, hunt, harvest shellfish, and view wildlife. This will help ODFW prioritize funding for restoration, enhancement, and development of fishing, hunting, shellfish, and wildlife viewing opportunities.

- Provide communities, industry, groups and others information on the economic value of fish and wildlife recreation and how they may benefit from these activities.

- Help ODFW more effectively target outreach efforts to contact hunters, anglers and wildlife viewers in their home communities and where they recreate.

**Survey Method**

Four separate surveys were conducted in 2008 in order to accurately assess the economic significance of fishing, hunting, wildlife viewing, and shellfish harvesting in Oregon. For fishing, hunting and shellfishing, survey participants were selected at random from license sales records – more than 50,000 questionnaires were mailed to ODFW resident and non-resident license holders (see Appendix D for self-administered questionnaires). For wildlife viewing, participants were identified through random digit dialing of Oregon telephone numbers. Those agreeing to participate were asked questions similar to those in the written questionnaires. Samples were stratified by certain portions of the state (groups of counties) and by collection period (quarterly). Overall, nearly 12,000 individuals provided information about their fishing, hunting, shellfishing, and wildlife viewing trips.

**Survey Sample and Respondents**

<table>
<thead>
<tr>
<th></th>
<th>Hunting</th>
<th>Fishing</th>
<th>Shellfish</th>
<th>Wildlife</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Survey Method</strong></td>
<td>Mail</td>
<td>Mail</td>
<td>Mail</td>
<td>Telephone</td>
</tr>
<tr>
<td><strong>Collection Period</strong></td>
<td>Annual</td>
<td>Bi-Annual</td>
<td>Annual</td>
<td>Quarterly</td>
</tr>
<tr>
<td><strong>Number of Contacts</strong></td>
<td>19,833</td>
<td>24,911</td>
<td>3,224</td>
<td>1,624</td>
</tr>
<tr>
<td><strong>Completed Questionnaires</strong></td>
<td>5,200</td>
<td>4,533</td>
<td>1,122</td>
<td>1,000</td>
</tr>
<tr>
<td><strong>Response Rate</strong></td>
<td>26%</td>
<td>18%</td>
<td>35%</td>
<td>62%</td>
</tr>
</tbody>
</table>

Note: Number of contacts does not include mailed questionnaires that were undeliverable.
In order to test for nonresponse bias, a telephone interview was conducted for a random sample of nonrespondents (those who did not return a questionnaire) for each of the segments contacted with mailed self-administered questionnaires. The responses of these groups were similar to those of the initial respondents. Through these telephone interviews, additional detail was gathered with regard to where to the allocation of expenditures -- before, during, or in the community closest to where the recreation activity occurred. The additional information was used to allocate expenditures at the county-level.

Generally, representative samples of 1,000 or more provide very reliable results. Confidence levels for respondent segments are shown in the table below. Appendix E describes the sampling design for the study and describes the approach taken to produce findings from the completed questionnaires.

<table>
<thead>
<tr>
<th>Segment</th>
<th>Sample Size</th>
<th>90% Level (+/-)</th>
<th>95% Level (+/-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunters</td>
<td>5,200</td>
<td>1.2</td>
<td>1.4</td>
</tr>
<tr>
<td>Fishers</td>
<td>4,533</td>
<td>1.3</td>
<td>1.5</td>
</tr>
<tr>
<td>Shellfishers</td>
<td>1,122</td>
<td>2.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Oregon Households</td>
<td>1,000</td>
<td>2.6</td>
<td>3.1</td>
</tr>
</tbody>
</table>

**Types of Expenditures Included**

All of the expenditures associated with overnight and day trips where fishing, hunting, and shellfish harvest occurred in Oregon are included in the scope of this analysis. Expenditures made by both Oregon residents and nonresidents are included. For wildlife viewing, all of the expenditures associated with trips where wildlife viewing was a planned activity - *the primary reason or one of several reasons* for the trip – are included. Wildlife viewing expenditures made by nonresidents were estimated based on the data provided by survey participants and the U.S. Department of the Interior, Fish and Wildlife Service 2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation.

The analysis distinguishes between *travel-generated expenditures* – defined as those expenditures associated with overnight trips and day trips 50 + miles (one-way) – and *local recreation expenditures*, associated with activities occurring in locations under 50 miles from the participant’s home. In addition, expenditures made for equipment used while participating in the above activities, if the equipment was purchased from a retailer or supplier located in Oregon during 2008 – such as gear, clothing, campers, recreational vehicles, boats etc. – are reported as *equipment expenditures*. Expenditures made by Oregon residents associated with trips, recreation, or equipment purchases that occurred or were made in locations **outside of Oregon** are **not** included.
The specific categories of expenditures included in this analysis are as follows:

<table>
<thead>
<tr>
<th>Expenditure Categories</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Travel-Generated</td>
<td>Travel-generated expenditures associated with <em>all</em> overnight trips and <em>all</em> day trips 50+ miles (one-way) from a participant's home.</td>
</tr>
<tr>
<td>Local Recreation</td>
<td>Local Recreation expenditures associated with <em>all</em> day recreation less than 50 miles (<em>one-way</em>) from a participant's home.</td>
</tr>
<tr>
<td>Equipment purchases</td>
<td>Equipment expenditures made for specific activity-related equipment, as well as special clothing, tents, boats, campers, recreational vehicles and other, additional assorted purchases.</td>
</tr>
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**Report Contents**

Following this introductory section, Section II provides a statewide review. Section III provides detailed expenditures by region (based on Travel Oregon regions). Section IV provides detailed expenditures for each of Oregon’s 36 counties. Appendices A through C shows detailed trip characteristics, demographics, and number of trips by type of fish and wildlife. Copies of the survey questionnaires are shown in Appendix D. Appendix E describes the sampling design in more detail and highlights the steps taken to produce estimates from the completed questionnaires.
II. Oregon Statewide Summary
Participation and Expenditures in Oregon

In 2008, 2.8 million Oregon residents and nonresidents participated in fishing, hunting, wildlife viewing, and shellfish harvesting in Oregon. Of the total number of participants, 631 thousand fished, 282 thousand hunted, 175 thousand harvested shellfish, and 1.7 million participated in outdoor recreation where wildlife viewing was a planned activity, which includes observing, feeding, and photographing any kind of wildlife (not including visits to zoos or aquariums).

In 2008, state residents and nonresidents made three distinct types of wildlife recreation expenditures: travel-generated, local recreation, and equipment purchases. Oregon residents and nonresidents who traveled overnight and on day trips of 50+ miles (one-way) from home made *travel-generated expenditures* of $862 million. Local recreation expenditures of $147 million were made by Oregon residents while participating in these activities less than 50 miles from home. State residents and nonresidents also spent an additional $1.5 billion on equipment and activity-related purchases from retail establishments and suppliers based in Oregon.

### Statewide Participants, Trips and Expenditures in Oregon, 2008

<table>
<thead>
<tr>
<th>Total (in thousands)</th>
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<tbody>
<tr>
<td>Participants in Oregon</td>
<td>2,788</td>
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<tr>
<td>Trips in Oregon</td>
<td>21,163</td>
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<tr>
<td>Travel-Generated Expenditures</td>
<td>$862,188</td>
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<tr>
<td>Local Recreation Expenditures</td>
<td>$146,908</td>
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<tr>
<td>Equipment Expenditures</td>
<td>$1,486,932</td>
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</tbody>
</table>

Notes: Resident and nonresident expenditures associated with all reported activities in Oregon. Travel-Generated expenditures associated with overnight and day trips 50+ miles (one-way).  
Source: Dean Runyan Associates.

### Fish and Wildlife Recreation Expenditures in Oregon, 2008

(Does not include visit to zoos or aquariums)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Total Participants by Activity, 2008</th>
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<tr>
<td>Shellfishing</td>
<td>175 (Thousands)</td>
</tr>
<tr>
<td>Hunting</td>
<td>282 (Thousands)</td>
</tr>
<tr>
<td>Fishing</td>
<td>631 (Thousands)</td>
</tr>
<tr>
<td>Wildlife Viewing</td>
<td>1,700 (Thousands)</td>
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</tbody>
</table>

(Total: $2.5 billion)
Participants, Trips and Expenditures in Oregon by Activity, 2008

<table>
<thead>
<tr>
<th>Fishing</th>
<th>Shellfishing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anglers in Oregon</td>
<td>Shellfishers in Oregon</td>
</tr>
<tr>
<td>631</td>
<td>175</td>
</tr>
<tr>
<td>Angler Trips in Oregon</td>
<td>Shellfisher Trips in Oregon</td>
</tr>
<tr>
<td>5,241</td>
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<tr>
<td>Travel-Generated Expenditures</td>
<td>Travel-Generated Expenditures</td>
</tr>
<tr>
<td>Local Recreation Expenditures</td>
<td>Local Recreation Expenditures</td>
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<tr>
<td>Equipment Expenditures</td>
<td>Equipment Expenditures</td>
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<table>
<thead>
<tr>
<th>Hunting</th>
<th>Wildlife Viewing*</th>
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<tbody>
<tr>
<td>Hunters in Oregon</td>
<td>Wildlife-Viewing Participants in Oregon</td>
</tr>
<tr>
<td>282</td>
<td>1,700</td>
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<tr>
<td>Hunter Trips in Oregon</td>
<td>Wildlife Viewing Trips in Oregon</td>
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<tr>
<td>1,754</td>
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<tr>
<td>Travel-Generated Expenditures</td>
<td>Travel-Generated Expenditures</td>
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<tr>
<td>Local Recreation Expenditures</td>
<td>Local Recreation Expenditures</td>
</tr>
<tr>
<td>Equipment Expenditures</td>
<td>Equipment Expenditures</td>
</tr>
</tbody>
</table>

* Trips and Expenditures where wildlife viewing was a planned activity -- the primary reason or one of several reasons for the trip. Does not include expenditures associated with trip where incidental wildlife viewing occurred.

Notes:
- Resident and nonresident expenditures associated with all reported activities in Oregon.
- Travel-Generated expenditures associated with overnight and day trips 50+ miles (one-way).
- Source: Dean Runyan Associates.

Expenditures in Oregon by Type and Activity, 2008

- **Travel-Generated Expenditures** (Total: $862 Million)
  - Fishing: 30.7%
  - Shellfishing: 3.6%
  - Hunting: 12.1%
  - Wildlife Viewing: 53.6%

- **Local Recreation Expenditures** (Total: $147 Million)
  - Fishing: 52.3%
  - Shellfishing: 9.1%
  - Hunting: 21.5%
  - Wildlife Viewing: 35.5%

- **Equipment Expenditures** (Total: $1.5 Billion)
  - Fishing: 29.7%
  - Shellfishing: 3.6%
  - Hunting: 25.7%
  - Wildlife Viewing: 35.5%

Note: Wildlife viewing expenditures on trips where wildlife viewing was a planned activity.
Source: Dean Runyan Associates.
Table 1. Expenditures for Fishing in Oregon, 2008

<table>
<thead>
<tr>
<th></th>
<th>(Thousands)</th>
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<tbody>
<tr>
<td><strong>Freshwater Fishing</strong></td>
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<tr>
<td><strong>Travel-Generated Expenditures</strong></td>
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<tr>
<td>Accommodations</td>
<td>$31,378</td>
</tr>
<tr>
<td>Food &amp; Beverage Services</td>
<td>$31,059</td>
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<tr>
<td>Food Stores</td>
<td>$42,032</td>
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<tr>
<td>Ground Transportation</td>
<td>$43,876</td>
</tr>
<tr>
<td>Retail</td>
<td>$17,871</td>
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<tr>
<td>Outfitter/Guide/Charter Fees</td>
<td>$20,680</td>
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<tr>
<td>Other Recreation &amp; Entertainment</td>
<td>$8,692</td>
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<tr>
<td><strong>Total Travel Expenditures</strong></td>
<td>$195,587</td>
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<tr>
<td><strong>Local Recreation Expenditures</strong></td>
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<tr>
<td><strong>Saltwater Fishing</strong></td>
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<tr>
<td><strong>Travel-Generated Expenditures</strong></td>
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<tr>
<td>Accommodations</td>
<td>$12,217</td>
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<tr>
<td>Food &amp; Beverage Services</td>
<td>$13,394</td>
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<tr>
<td>Food Stores</td>
<td>$9,842</td>
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<tr>
<td>Ground Transportation</td>
<td>$13,646</td>
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<tr>
<td>Retail</td>
<td>$6,981</td>
</tr>
<tr>
<td>Outfitter/Guide/Charter Fees</td>
<td>$8,074</td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment</td>
<td>$4,864</td>
</tr>
<tr>
<td><strong>Total Travel Expenditures</strong></td>
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<tr>
<td><strong>Local Recreation Expenditures</strong></td>
<td>$2,612</td>
</tr>
<tr>
<td><strong>Total, All Fishing</strong></td>
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<tr>
<td><strong>Travel-Generated Expenditures</strong></td>
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<tr>
<td>Accommodations</td>
<td>$43,595</td>
</tr>
<tr>
<td>Food &amp; Beverage Services</td>
<td>$44,453</td>
</tr>
<tr>
<td>Food Stores</td>
<td>$51,873</td>
</tr>
<tr>
<td>Ground Transportation</td>
<td>$57,522</td>
</tr>
<tr>
<td>Retail</td>
<td>$24,852</td>
</tr>
<tr>
<td>Outfitter/Guide/Charter Fees</td>
<td>$28,754</td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment</td>
<td>$13,556</td>
</tr>
<tr>
<td><strong>Total Travel Expenditures</strong></td>
<td>$264,605</td>
</tr>
<tr>
<td><strong>Local Recreation Expenditures</strong></td>
<td>$76,905</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Recreation expenditures associated with local trips under 50 miles.

Note: Resident and nonresident expenditures associated with fishing in Oregon.
Additionally, an estimated $5.3 million was made in airfares (round-trip) by those visitors who traveled to Oregon by air.
Source: Dean Runyan Associates.
Table 2. Expenditures for Shellfishing in Oregon, 2008

<table>
<thead>
<tr>
<th>Shellfishing</th>
<th>(Thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Travel-Generated Expenditures</strong></td>
<td></td>
</tr>
<tr>
<td>Accommodations</td>
<td>$6,848</td>
</tr>
<tr>
<td>Food &amp; Beverage Services</td>
<td>$7,570</td>
</tr>
<tr>
<td>Food Stores</td>
<td>$6,496</td>
</tr>
<tr>
<td>Ground Transportation</td>
<td>$4,975</td>
</tr>
<tr>
<td>Retail</td>
<td>$2,996</td>
</tr>
<tr>
<td>Outfitter/Guide/Charter Fees</td>
<td>$580</td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment</td>
<td>$1,574</td>
</tr>
<tr>
<td><strong>Total Travel Expenditures</strong></td>
<td><strong>$31,039</strong></td>
</tr>
<tr>
<td><strong>Local Recreation Expenditures</strong></td>
<td><strong>$5,256</strong></td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Recreation expenditures associated with local trips under 50 miles.

Note: Resident and nonresident expenditures associated with shellfishing in Oregon.
Source: Dean Runyan Associates.

Table 3. Expenditures for Hunting in Oregon, 2008

<table>
<thead>
<tr>
<th>Hunting</th>
<th>(Thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Travel-Generated Expenditures</strong></td>
<td></td>
</tr>
<tr>
<td>Accommodations</td>
<td>$10,664</td>
</tr>
<tr>
<td>Food &amp; Beverage Services</td>
<td>$16,579</td>
</tr>
<tr>
<td>Food Stores</td>
<td>$33,381</td>
</tr>
<tr>
<td>Ground Transportation</td>
<td>$17,212</td>
</tr>
<tr>
<td>Retail</td>
<td>$21,199</td>
</tr>
<tr>
<td>Outfitter/Guide/Charter Fees</td>
<td>$2,435</td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment</td>
<td>$2,989</td>
</tr>
<tr>
<td><strong>Total Travel Expenditures</strong></td>
<td><strong>$104,458</strong></td>
</tr>
<tr>
<td><strong>Local Recreation Expenditures</strong></td>
<td><strong>$31,574</strong></td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Recreation expenditures associated with local trips under 50 miles.

Note: Resident and nonresident expenditures associated with hunting in Oregon.
Source: Dean Runyan Associates.
Table 4. Expenditures for Wildlife Viewing in Oregon, 2008

<table>
<thead>
<tr>
<th>Wildlife Viewing</th>
<th>(Thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Travel-Generated Expenditures</strong>*</td>
<td>$129,033</td>
</tr>
<tr>
<td>Accommodations</td>
<td></td>
</tr>
<tr>
<td>Food &amp; Beverage Services</td>
<td>$102,369</td>
</tr>
<tr>
<td>Food Stores</td>
<td>$88,780</td>
</tr>
<tr>
<td>Ground Transportation</td>
<td>$71,905</td>
</tr>
<tr>
<td>Retail</td>
<td>$44,542</td>
</tr>
<tr>
<td>Outfitter/Guide/Charter Fees</td>
<td>...</td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment</td>
<td>$25,459</td>
</tr>
<tr>
<td><strong>Total Travel Expenditures</strong></td>
<td>$462,087</td>
</tr>
<tr>
<td><strong>Local Recreation Expenditures</strong></td>
<td>$33,173</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Recreation expenditures associated with local trips under 50 miles.

Note: Expenditures where wildlife viewing was a planned activity -- the primary reason or one of several reasons for the trip. Resident and nonresident expenditures associated with wildlife viewing in Oregon.
Source: Dean Runyan Associates.

Table 5. Equipment Expenditures in Oregon, 2008 ($Millions)

<table>
<thead>
<tr>
<th></th>
<th>Fishing</th>
<th>Hunting</th>
<th>Shellfishing</th>
<th>Wildlife Viewing</th>
<th>Combined Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment (hunting, fishing, etc.)</td>
<td>$41.2</td>
<td>$73.7</td>
<td>$4.9</td>
<td>$37.6</td>
<td>$157.4</td>
</tr>
<tr>
<td>Clothing</td>
<td>$17.8</td>
<td>$26.7</td>
<td>$4.4</td>
<td>$31.6</td>
<td>$80.6</td>
</tr>
<tr>
<td>Related Equipment</td>
<td>$32.8</td>
<td>$22.7</td>
<td>$4.3</td>
<td>$36.8</td>
<td>$96.6</td>
</tr>
<tr>
<td>Specialized Equipment</td>
<td>$342.7</td>
<td>$234.3</td>
<td>$117.8</td>
<td>$349.4</td>
<td>$1,044.1</td>
</tr>
<tr>
<td>Other Expenditures</td>
<td>$6.8</td>
<td>$24.6</td>
<td>$4.3</td>
<td>$38.3</td>
<td>$74.0</td>
</tr>
<tr>
<td>Plants/Shrubs</td>
<td>$0.0</td>
<td>$0.0</td>
<td>$0.0</td>
<td>$34.2</td>
<td>$34.2</td>
</tr>
<tr>
<td><strong>Total Equipment Expenditures</strong></td>
<td>$441.4</td>
<td>$381.9</td>
<td>$135.7</td>
<td>$528.0</td>
<td>$1,486.9</td>
</tr>
</tbody>
</table>

Note: Special Equipment includes boats, campers, ATVs and other recreation vehicles.
For Hunting, Other Expenditures may include meat processing, and taxidermy.
Plants/Shrubs include plants and materials purchased for wildlife habitat areas.
Source: Dean Runyan Associates.

Equipment Expenditures in Oregon, 2008

- Other Expenditures 5%
- Plants/Shrubs 2%
- Equipment (hunting, fishing, etc.) 11%
- Specialized Equipment 70%
- Clothing 5%
- Related Equipment 6%
The tables in this section provide detailed estimates for the regions of Oregon for 2008.
<table>
<thead>
<tr>
<th>Region</th>
<th>Shell-fishing</th>
<th>Fishing</th>
<th>Hunting</th>
<th>Wildlife Viewing *</th>
<th>Combined Activities</th>
<th>All Oregon Travel**</th>
<th>Combined Activities (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Willamette Valley</td>
<td>$26.7</td>
<td>$17.3</td>
<td>$52.1</td>
<td>$96.1</td>
<td>$1,337.9</td>
<td>$1,337.9</td>
<td>7.2%</td>
</tr>
<tr>
<td>North Coast</td>
<td>$13.3</td>
<td>$44.4</td>
<td>$4.7</td>
<td>$74.1</td>
<td>$136.5</td>
<td>$551.0</td>
<td>24.8%</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$12.2</td>
<td>$50.1</td>
<td>$2.9</td>
<td>$61.0</td>
<td>$126.2</td>
<td>$624.5</td>
<td>20.2%</td>
</tr>
<tr>
<td>South Coast</td>
<td>$5.5</td>
<td>$21.7</td>
<td>$3.3</td>
<td>$24.1</td>
<td>$54.6</td>
<td>$283.0</td>
<td>19.3%</td>
</tr>
<tr>
<td>Portland Metro/Columbia</td>
<td>$18.1</td>
<td>$12.3</td>
<td>$56.6</td>
<td>$87.0</td>
<td>$3,567.3</td>
<td>$3,567.3</td>
<td>2.4%</td>
</tr>
<tr>
<td>Southern</td>
<td>$28.3</td>
<td>$17.9</td>
<td>$52.8</td>
<td>$99.0</td>
<td>$831.3</td>
<td>$831.3</td>
<td>11.9%</td>
</tr>
<tr>
<td>Central</td>
<td>$35.4</td>
<td>$11.4</td>
<td>$63.6</td>
<td>$110.4</td>
<td>$581.4</td>
<td>$581.4</td>
<td>19.0%</td>
</tr>
<tr>
<td>Eastern</td>
<td>$27.6</td>
<td>$32.8</td>
<td>$46.3</td>
<td>$106.7</td>
<td>$361.1</td>
<td>$361.1</td>
<td>29.5%</td>
</tr>
<tr>
<td>Mt. Hood/Gorge</td>
<td>$12.3</td>
<td>$1.8</td>
<td>$31.6</td>
<td>$45.7</td>
<td>$279.2</td>
<td>$279.2</td>
<td>16.4%</td>
</tr>
<tr>
<td>State</td>
<td>**$31.0</td>
<td>**$264.6</td>
<td>**$104.4</td>
<td>**$462.2</td>
<td>**$862.2</td>
<td>**$8,416.7</td>
<td>10.2%</td>
</tr>
</tbody>
</table>

* Expenditures associated with overnight and day trips where wildlife viewing was primary or one of several reasons for the trip.
** All Oregon Travel expenditures based on Oregon Travel Impacts, 1991-2008p (statewide preliminary estimates).

Note: Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way). Resident and nonresident expenditures associated with all reported activities in Oregon.

The estimates of travel-generated expenditures by county in this report will necessarily differ somewhat from estimates generated from different models, methodologies, and data sources, including Oregon Travel Impacts.

Source: Dean Runyan Associates.
Table 7. **Local Recreation** Expenditures by Activity for Oregon Travel Regions, 2008  
($Million)

<table>
<thead>
<tr>
<th>Region</th>
<th>Shell-fishing</th>
<th>Fishing</th>
<th>Hunting</th>
<th>Wildlife Viewing *</th>
<th>Combined Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Willamette Valley</td>
<td>$17.6</td>
<td>$9.7</td>
<td>$4.6</td>
<td>$31.9</td>
<td></td>
</tr>
<tr>
<td>North Coast</td>
<td>$2.0</td>
<td>$3.6</td>
<td>$1.2</td>
<td>$4.3</td>
<td>$11.1</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$1.7</td>
<td>$5.0</td>
<td>$0.9</td>
<td>$4.9</td>
<td>$12.5</td>
</tr>
<tr>
<td>South Coast</td>
<td>$1.6</td>
<td>$3.5</td>
<td>$1.3</td>
<td>$1.9</td>
<td>$8.3</td>
</tr>
<tr>
<td>Portland Metro/Columbia</td>
<td>$16.6</td>
<td>$4.8</td>
<td>$3.0</td>
<td>$24.4</td>
<td></td>
</tr>
<tr>
<td>Southern</td>
<td>$11.3</td>
<td>$5.6</td>
<td>$4.2</td>
<td>$21.1</td>
<td></td>
</tr>
<tr>
<td>Central</td>
<td>$7.3</td>
<td>$2.9</td>
<td>$1.9</td>
<td>$12.1</td>
<td></td>
</tr>
<tr>
<td>Eastern</td>
<td>$6.1</td>
<td>$3.9</td>
<td>$1.8</td>
<td>$11.8</td>
<td></td>
</tr>
<tr>
<td>Mt. Hood/Gorge</td>
<td>$6.0</td>
<td>$1.3</td>
<td>$6.6</td>
<td>$13.9</td>
<td></td>
</tr>
<tr>
<td><strong>State</strong></td>
<td><strong>$5.3</strong></td>
<td><strong>$77.0</strong></td>
<td><strong>$31.6</strong></td>
<td><strong>$33.2</strong></td>
<td><strong>$147.1</strong></td>
</tr>
</tbody>
</table>

* Expenditures associated with local trips where wildlife viewing was primary or one of several reasons for the trip.

Note: Any Nonresidents, who reported less than 50 miles, are included in Travel-Generated Expenditures. Local Recreation expenditures associated with trips under 50 miles.

Source: Dean Runyan Associates.
### Table 8. Expenditures for Freshwater Fishing by Trip Type for Oregon Travel Regions, 2008

<table>
<thead>
<tr>
<th>Region</th>
<th>Travel-Generated Expenditures* ($Million)</th>
<th>Local Recreation Expenditures** ($Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Willamette Valley</td>
<td>$14.4</td>
<td>$12.3</td>
</tr>
<tr>
<td>North Coast</td>
<td>$9.1</td>
<td>$8.9</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$12.0</td>
<td>$8.1</td>
</tr>
<tr>
<td>South Coast</td>
<td>$6.3</td>
<td>$2.7</td>
</tr>
<tr>
<td>Portland Metro/Columbia</td>
<td>$8.9</td>
<td>$9.2</td>
</tr>
<tr>
<td>Southern</td>
<td>$16.8</td>
<td>$11.5</td>
</tr>
<tr>
<td>Central</td>
<td>$25.8</td>
<td>$9.6</td>
</tr>
<tr>
<td>Eastern</td>
<td>$20.6</td>
<td>$7.0</td>
</tr>
<tr>
<td>Mt. Hood/Gorge</td>
<td>$6.9</td>
<td>$5.4</td>
</tr>
<tr>
<td>State</td>
<td>$120.8</td>
<td>$74.8</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).

** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with freshwater fishing in Oregon.
Source: Dean Runyan Associates.

### Table 9. Expenditures for Saltwater Fishing by Trip Type for Oregon Travel Regions, 2008

<table>
<thead>
<tr>
<th>Region</th>
<th>Travel-Generated Expenditures* ($Million)</th>
<th>Local Recreation Expenditures** ($Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>North Coast</td>
<td>$18.3</td>
<td>$8.1</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$19.9</td>
<td>$10.1</td>
</tr>
<tr>
<td>South Coast</td>
<td>$7.6</td>
<td>$5.0</td>
</tr>
<tr>
<td>State</td>
<td>$45.8</td>
<td>$23.2</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).

** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with saltwater fishing in Oregon.
Source: Dean Runyan Associates.
Table 10. Expenditures for Shellfishing by Trip Type for Oregon Travel Regions, 2008

<table>
<thead>
<tr>
<th>Region</th>
<th>Travel-Generated Expenditures* ($Million)</th>
<th>Local Recreation Expenditures** ($Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>North Coast</td>
<td>$10.1</td>
<td>$3.2</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$9.3</td>
<td>$2.9</td>
</tr>
<tr>
<td>South Coast</td>
<td>$4.7</td>
<td>$0.8</td>
</tr>
<tr>
<td>State</td>
<td>$24.1</td>
<td>$6.9</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).  
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with shellfishing in Oregon.
Source: Dean Runyan Associates.

Table 11. Expenditures for Hunting by Trip Type for Oregon Travel Regions, 2008

<table>
<thead>
<tr>
<th>Region</th>
<th>Travel-Generated Expenditures* ($Million)</th>
<th>Local Recreation Expenditures** ($Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Willamette Valley</td>
<td>$11.9</td>
<td>$5.4</td>
</tr>
<tr>
<td>North Coast</td>
<td>$3.4</td>
<td>$1.3</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$2.2</td>
<td>$0.7</td>
</tr>
<tr>
<td>South Coast</td>
<td>$2.4</td>
<td>$0.9</td>
</tr>
<tr>
<td>Portland Metro/Columbia</td>
<td>$8.5</td>
<td>$3.8</td>
</tr>
<tr>
<td>Southern</td>
<td>$13.5</td>
<td>$4.4</td>
</tr>
<tr>
<td>Central</td>
<td>$9.0</td>
<td>$2.4</td>
</tr>
<tr>
<td>Eastern</td>
<td>$29.0</td>
<td>$3.8</td>
</tr>
<tr>
<td>Mt. Hood/Gorge</td>
<td>$1.4</td>
<td>$0.4</td>
</tr>
<tr>
<td>State</td>
<td>$81.3</td>
<td>$23.1</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).  
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with hunting in Oregon.
Source: Dean Runyan Associates.
## Table 12. Expenditures for Wildlife Viewing by Trip Type for Oregon Travel Regions, 2008

<table>
<thead>
<tr>
<th>Region</th>
<th>Travel-Generated Expenditures* ($Million)</th>
<th>Local Recreation Expenditures** ($Million)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Willamette Valley</td>
<td>$40.7</td>
<td>$11.4</td>
</tr>
<tr>
<td>North Coast</td>
<td>$67.5</td>
<td>$6.6</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$53.7</td>
<td>$7.3</td>
</tr>
<tr>
<td>South Coast</td>
<td>$20.8</td>
<td>$3.3</td>
</tr>
<tr>
<td>Portland Metro/Columbia</td>
<td>$44.2</td>
<td>$12.4</td>
</tr>
<tr>
<td>Southern</td>
<td>$44.2</td>
<td>$8.6</td>
</tr>
<tr>
<td>Central</td>
<td>$59.6</td>
<td>$4.0</td>
</tr>
<tr>
<td>Eastern</td>
<td>$42.8</td>
<td>$3.5</td>
</tr>
<tr>
<td>Mt. Hood/Gorge</td>
<td>$22.0</td>
<td>$9.6</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td><strong>$395.5</strong></td>
<td><strong>$66.7</strong></td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with wildlife viewing in Oregon.
Source: Dean Runyan Associates.
IV. Oregon Counties

A description of the expenditure impact categories used in the detailed county tables follows:

*Travel-Generated Expenditures by Activity* includes the total travel spending made by Oregon residents and nonresidents in the county of destination, plus other specific trip-related purchases such as gasoline, food and beverages, and other retail purchases made before or while traveling to the destination. Expenditures for gasoline, food, and retail items made *before* the trip are allocated to the participant’s home county. All other expenditures are allocated to the county in which the recreation activity occurred.

*Local Recreation Expenditures by Activity* includes the total recreation-related expenditures made by Oregon residents for day recreation activities less than 50 miles (one-way) from a participant’s home.

The next five tables show detailed *Expenditures by Trip Type by County* for each of the five activities: freshwater fishing, saltwater fishing, shellfishing, hunting, and wildlife viewing. Trip types include overnight, day, and local recreation (less than 50 miles from participant’s home).
Table 13. Travel-Generated Expenditures by Activity for Counties, 2008

($000s)

<table>
<thead>
<tr>
<th>County</th>
<th>Shellfishing</th>
<th>Fishing</th>
<th>Hunting</th>
<th>Wildlife Viewing*</th>
<th>Combined Activities</th>
<th>All Oregon Travel**</th>
<th>Combined Activities (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker</td>
<td>$5,670</td>
<td>$4,524</td>
<td>$8,259</td>
<td>$18,452</td>
<td>$47,851</td>
<td>38.6%</td>
<td></td>
</tr>
<tr>
<td>Benton</td>
<td>$1,677</td>
<td>$953</td>
<td>$4,941</td>
<td>$7,572</td>
<td>$91,532</td>
<td>8.3%</td>
<td></td>
</tr>
<tr>
<td>Clackamas</td>
<td>$7,158</td>
<td>$4,421</td>
<td>$21,632</td>
<td>$33,211</td>
<td>$435,661</td>
<td>7.6%</td>
<td></td>
</tr>
<tr>
<td>Clatsop</td>
<td>$5,661</td>
<td>$2,313</td>
<td>$55,481</td>
<td>$73,147</td>
<td>$389,494</td>
<td>18.3%</td>
<td></td>
</tr>
<tr>
<td>Columbia</td>
<td>$790</td>
<td>$1,177</td>
<td>$3,367</td>
<td>$5,733</td>
<td>$31,220</td>
<td>17.1%</td>
<td></td>
</tr>
<tr>
<td>Coos</td>
<td>$4,552</td>
<td>$2,535</td>
<td>$14,111</td>
<td>$33,452</td>
<td>$183,020</td>
<td>18.3%</td>
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</tr>
<tr>
<td>Crook</td>
<td>$3,010</td>
<td>$2,584</td>
<td>$6,769</td>
<td>$12,363</td>
<td>$29,663</td>
<td>41.7%</td>
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</tr>
<tr>
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<td>$9,374</td>
<td>$728</td>
<td>$10,022</td>
<td>$100,025</td>
<td>21.1%</td>
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</tr>
<tr>
<td>Deschutes</td>
<td>$20,410</td>
<td>$6,663</td>
<td>$42,771</td>
<td>$69,844</td>
<td>$475,684</td>
<td>14.7%</td>
<td></td>
</tr>
<tr>
<td>Douglas</td>
<td>$2,616</td>
<td>$6,233</td>
<td>$9,698</td>
<td>$37,658</td>
<td>$247,649</td>
<td>15.2%</td>
<td></td>
</tr>
<tr>
<td>Gilliam</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>$548</td>
<td>$3,812</td>
<td>14.4%</td>
<td></td>
</tr>
<tr>
<td>Grant</td>
<td>$3,279</td>
<td>$5,138</td>
<td>$3,147</td>
<td>$11,564</td>
<td>$9,107</td>
<td>***</td>
<td></td>
</tr>
<tr>
<td>Harney</td>
<td>$2,812</td>
<td>$4,564</td>
<td>$7,953</td>
<td>$15,329</td>
<td>$19,645</td>
<td>78.0%</td>
<td></td>
</tr>
<tr>
<td>Hood River</td>
<td>$4,117</td>
<td>$789</td>
<td>$13,005</td>
<td>$17,910</td>
<td>$67,622</td>
<td>26.5%</td>
<td></td>
</tr>
<tr>
<td>Jackson</td>
<td>$8,520</td>
<td>$5,906</td>
<td>$18,664</td>
<td>$32,280</td>
<td>$380,721</td>
<td>8.5%</td>
<td></td>
</tr>
<tr>
<td>Jefferson</td>
<td>$4,010</td>
<td>$730</td>
<td>$9,596</td>
<td>$14,336</td>
<td>$55,014</td>
<td>26.1%</td>
<td></td>
</tr>
<tr>
<td>Josephine</td>
<td>$3,432</td>
<td>$1,558</td>
<td>$6,695</td>
<td>$11,685</td>
<td>$121,530</td>
<td>9.6%</td>
<td></td>
</tr>
<tr>
<td>Klamath</td>
<td>$5,741</td>
<td>$3,179</td>
<td>$13,993</td>
<td>$22,913</td>
<td>$130,820</td>
<td>17.5%</td>
<td></td>
</tr>
<tr>
<td>Lake</td>
<td>$2,560</td>
<td>$2,490</td>
<td>$4,940</td>
<td>$9,991</td>
<td>$11,272</td>
<td>88.6%</td>
<td></td>
</tr>
<tr>
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<td>$1,840</td>
<td>$7,907</td>
<td>$27,570</td>
<td>$54,959</td>
<td>$580,771</td>
<td>9.5%</td>
<td></td>
</tr>
<tr>
<td>Lincoln</td>
<td>$7,660</td>
<td>$1,607</td>
<td>$53,229</td>
<td>$94,974</td>
<td>$453,023</td>
<td>21.0%</td>
<td></td>
</tr>
<tr>
<td>Linn</td>
<td>$3,070</td>
<td>$2,776</td>
<td>$4,114</td>
<td>$9,959</td>
<td>$117,906</td>
<td>8.4%</td>
<td></td>
</tr>
<tr>
<td>Malheur</td>
<td>$3,996</td>
<td>$2,157</td>
<td>$1,345</td>
<td>$7,498</td>
<td>$47,102</td>
<td>15.9%</td>
<td></td>
</tr>
<tr>
<td>Marion</td>
<td>$8,601</td>
<td>$3,718</td>
<td>$16,360</td>
<td>$28,679</td>
<td>$357,095</td>
<td>8.0%</td>
<td></td>
</tr>
<tr>
<td>Morrow</td>
<td>$921</td>
<td>$2,652</td>
<td>$4,942</td>
<td>$8,514</td>
<td>$13,251</td>
<td>64.3%</td>
<td></td>
</tr>
<tr>
<td>Multnomah</td>
<td>$7,955</td>
<td>$3,387</td>
<td>$31,511</td>
<td>$42,853</td>
<td>$2,803,647</td>
<td>1.5%</td>
<td></td>
</tr>
<tr>
<td>Polk</td>
<td>$925</td>
<td>$957</td>
<td>$2,375</td>
<td>$4,256</td>
<td>$139,551</td>
<td>3.0%</td>
<td></td>
</tr>
<tr>
<td>Sherman</td>
<td>$2,032</td>
<td>$746</td>
<td>$1,193</td>
<td>$3,970</td>
<td>$10,582</td>
<td>37.5%</td>
<td></td>
</tr>
<tr>
<td>Tillamook</td>
<td>$7,689</td>
<td>$34,710</td>
<td>$18,569</td>
<td>$63,446</td>
<td>$161,523</td>
<td>39.3%</td>
<td></td>
</tr>
<tr>
<td>Umatilla</td>
<td>$2,576</td>
<td>$3,543</td>
<td>$9,703</td>
<td>$15,821</td>
<td>$146,254</td>
<td>10.8%</td>
<td></td>
</tr>
<tr>
<td>Union</td>
<td>$1,729</td>
<td>$5,435</td>
<td>$4,318</td>
<td>$11,481</td>
<td>$33,194</td>
<td>34.6%</td>
<td></td>
</tr>
<tr>
<td>Wallowa</td>
<td>$2,821</td>
<td>$2,771</td>
<td>$5,172</td>
<td>$10,765</td>
<td>$26,778</td>
<td>40.2%</td>
<td></td>
</tr>
<tr>
<td>Wasco</td>
<td>$13,607</td>
<td>$2,099</td>
<td>$7,800</td>
<td>$23,506</td>
<td>$85,449</td>
<td>27.5%</td>
<td></td>
</tr>
<tr>
<td>Washington</td>
<td>$4,816</td>
<td>$3,727</td>
<td>$15,226</td>
<td>$23,769</td>
<td>$514,450</td>
<td>4.6%</td>
<td></td>
</tr>
<tr>
<td>Wheeler</td>
<td>$1,462</td>
<td>$1,168</td>
<td>...</td>
<td>$2,776</td>
<td>$3,539</td>
<td>78.4%</td>
<td></td>
</tr>
<tr>
<td>Yamhill</td>
<td>$1,341</td>
<td>$1,580</td>
<td>$3,308</td>
<td>$6,229</td>
<td>$91,252</td>
<td>6.8%</td>
<td></td>
</tr>
<tr>
<td><strong>State</strong></td>
<td>$31,039</td>
<td>$264,605</td>
<td>$104,458</td>
<td>$462,087</td>
<td>$8,416,710</td>
<td>10.2%</td>
<td></td>
</tr>
</tbody>
</table>

* Expenditures associated with overnight and day trips where wildlife viewing was primary or one of several reasons for the trip.

** All Oregon Travel expenditures based on Oregon Travel Impacts, 1991-2008p (statewide preliminary estimates).

*** Percent FHW exceeds 100 due to dispersed camping related activity not included in Oregon Travel Impacts.

.... Sample size too small to report data reliably.

Note: Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way). Resident and nonresident expenditures associated with all reported activities in Oregon. The estimates of travel-generated expenditures by county in this report will necessarily differ somewhat from estimates generated from different models, methodologies, and data sources, including Oregon Travel Impacts.

Source: Dean Runyan Associates.
Table 14. **Local Recreation Expenditures by Activity for Counties, 2008**

($000s)

<table>
<thead>
<tr>
<th>County</th>
<th>Shellfishing</th>
<th>Fishing</th>
<th>Hunting</th>
<th>Wildlife Viewing*</th>
<th>Combined Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker</td>
<td>$640</td>
<td>$491</td>
<td>$317</td>
<td>$1,448</td>
<td></td>
</tr>
<tr>
<td>Benton</td>
<td>$1,353</td>
<td>$1,075</td>
<td>...</td>
<td>$2,428</td>
<td></td>
</tr>
<tr>
<td>Clackamas</td>
<td>$8,704</td>
<td>$2,496</td>
<td>$621</td>
<td>$11,820</td>
<td></td>
</tr>
<tr>
<td>Clatsop</td>
<td>$1,016</td>
<td>$1,515</td>
<td>$666</td>
<td>$2,715</td>
<td>$5,912</td>
</tr>
<tr>
<td>Columbia</td>
<td>...</td>
<td>...</td>
<td>$134</td>
<td>$133</td>
<td></td>
</tr>
<tr>
<td>Coos</td>
<td>$1,081</td>
<td>$2,551</td>
<td>$905</td>
<td>$1,637</td>
<td>$6,175</td>
</tr>
<tr>
<td>Crook</td>
<td>$999</td>
<td>$683</td>
<td>$218</td>
<td>$1,900</td>
<td></td>
</tr>
<tr>
<td>Curry</td>
<td>$483</td>
<td>$935</td>
<td>$413</td>
<td>$309</td>
<td>$2,140</td>
</tr>
<tr>
<td>Deschutes</td>
<td>$5,321</td>
<td>$1,817</td>
<td>$1,520</td>
<td>$8,657</td>
<td></td>
</tr>
<tr>
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<td>$175</td>
<td>$3,577</td>
<td>$1,785</td>
<td>$835</td>
<td>$6,373</td>
</tr>
<tr>
<td>Gilliam</td>
<td>...</td>
<td>...</td>
<td>$106</td>
<td>$106</td>
<td></td>
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<tr>
<td>Grant</td>
<td>$377</td>
<td>$391</td>
<td>...</td>
<td>$768</td>
<td></td>
</tr>
<tr>
<td>Harney</td>
<td>$330</td>
<td>$262</td>
<td>...</td>
<td>$654</td>
<td></td>
</tr>
<tr>
<td>Hood River</td>
<td>$1,960</td>
<td>$282</td>
<td>$3,249</td>
<td>$5,492</td>
<td></td>
</tr>
<tr>
<td>Jackson</td>
<td>$4,512</td>
<td>$2,025</td>
<td>$1,906</td>
<td>$8,443</td>
<td></td>
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<tr>
<td>Jefferson</td>
<td>$822</td>
<td>$288</td>
<td>$170</td>
<td>$1,280</td>
<td></td>
</tr>
<tr>
<td>Josephine</td>
<td>$1,600</td>
<td>$745</td>
<td>$648</td>
<td>$2,993</td>
<td></td>
</tr>
<tr>
<td>Klamath</td>
<td>$2,134</td>
<td>$1,035</td>
<td>$938</td>
<td>$4,108</td>
<td></td>
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<tr>
<td>Lake</td>
<td>$339</td>
<td>$283</td>
<td>...</td>
<td>$660</td>
<td></td>
</tr>
<tr>
<td>Lane</td>
<td>$324</td>
<td>$7,689</td>
<td>$3,047</td>
<td>$2,714</td>
<td>$13,774</td>
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<tr>
<td>Lincoln</td>
<td>$1,185</td>
<td>$2,408</td>
<td>$482</td>
<td>$3,557</td>
<td>$7,631</td>
</tr>
<tr>
<td>Linn</td>
<td>$3,699</td>
<td>$1,392</td>
<td>$391</td>
<td>$5,482</td>
<td></td>
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<tr>
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<td>$460</td>
<td>$167</td>
<td>$1,689</td>
<td></td>
</tr>
<tr>
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<td>$3,586</td>
<td>$1,660</td>
<td>$1,408</td>
<td>$6,654</td>
<td></td>
</tr>
<tr>
<td>Morrow</td>
<td>$593</td>
<td>$185</td>
<td>...</td>
<td>$857</td>
<td></td>
</tr>
<tr>
<td>Multnomah</td>
<td>$8,215</td>
<td>$2,662</td>
<td>$3,835</td>
<td>$14,712</td>
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</tr>
<tr>
<td>Polk</td>
<td>$507</td>
<td>$830</td>
<td>$883</td>
<td>$2,220</td>
<td></td>
</tr>
<tr>
<td>Sherman</td>
<td>$198</td>
<td>$223</td>
<td>...</td>
<td>$420</td>
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</tr>
<tr>
<td>Tillamook</td>
<td>$992</td>
<td>$2,080</td>
<td>$541</td>
<td>$1,607</td>
<td>$5,221</td>
</tr>
<tr>
<td>Umatilla</td>
<td>$1,541</td>
<td>$990</td>
<td>$741</td>
<td>$3,271</td>
<td></td>
</tr>
<tr>
<td>Union</td>
<td>$700</td>
<td>$596</td>
<td>$170</td>
<td>$1,465</td>
<td></td>
</tr>
<tr>
<td>Wallowa</td>
<td>$567</td>
<td>$217</td>
<td>$115</td>
<td>$898</td>
<td></td>
</tr>
<tr>
<td>Wasco</td>
<td>$645</td>
<td>$278</td>
<td>$945</td>
<td>$1,868</td>
<td></td>
</tr>
<tr>
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<td>$3,584</td>
<td>$1,489</td>
<td>$796</td>
<td>$5,868</td>
<td></td>
</tr>
<tr>
<td>Wheeler</td>
<td>$139</td>
<td>$103</td>
<td>...</td>
<td>$255</td>
<td></td>
</tr>
<tr>
<td>Yamhill</td>
<td>$2,025</td>
<td>$778</td>
<td>$330</td>
<td>$3,133</td>
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</tr>
<tr>
<td><strong>State</strong></td>
<td><strong>$5,256.33</strong></td>
<td><strong>$76,905.23</strong></td>
<td><strong>$31,574</strong></td>
<td><strong>$33,172.99</strong></td>
<td><strong>$146,908.27</strong></td>
</tr>
</tbody>
</table>

* Expenditures associated with local trips where wildlife viewing was *primary* or *one of several reasons* for the trip.

... Sample size too small to report data reliably.

Note: Any Nonresidents, who reported less than 50 miles, are included in Travel-Generated Expenditures. Local Recreation expenditures associated with trips under 50 miles.

Source: Dean Runyan Associates.
Table 15. Expenditures for Freshwater Fishing by Trip Type for Counties, 2008

<table>
<thead>
<tr>
<th>County</th>
<th>Travel-Generated Expenditures* ($000s)</th>
<th>Local Recreation Expenditures** ($000s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Baker</td>
<td>$4,773</td>
<td>$896</td>
</tr>
<tr>
<td>Benton</td>
<td>$395</td>
<td>$1,282</td>
</tr>
<tr>
<td>Clackamas</td>
<td>$3,997</td>
<td>$3,161</td>
</tr>
<tr>
<td>Clatsop</td>
<td>$2,080</td>
<td>$1,989</td>
</tr>
<tr>
<td>Columbia</td>
<td>$423</td>
<td>$367</td>
</tr>
<tr>
<td>Coos</td>
<td>$2,714</td>
<td>$1,842</td>
</tr>
<tr>
<td>Crook</td>
<td>$2,300</td>
<td>$710</td>
</tr>
<tr>
<td>Curry</td>
<td>$3,545</td>
<td>$907</td>
</tr>
<tr>
<td>Deschutes</td>
<td>$15,854</td>
<td>$4,555</td>
</tr>
<tr>
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<td>$7,247</td>
<td>$5,187</td>
</tr>
<tr>
<td>Gilliam</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Grant</td>
<td>$2,934</td>
<td>$346</td>
</tr>
<tr>
<td>Harney</td>
<td>$2,362</td>
<td>$450</td>
</tr>
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<td>$1,238</td>
<td>$2,879</td>
</tr>
<tr>
<td>Jackson</td>
<td>$4,720</td>
<td>$3,801</td>
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<tr>
<td>Jefferson</td>
<td>$2,558</td>
<td>$1,452</td>
</tr>
<tr>
<td>Josephine</td>
<td>$1,926</td>
<td>$1,507</td>
</tr>
<tr>
<td>Klamath</td>
<td>$3,853</td>
<td>$1,889</td>
</tr>
<tr>
<td>Lake</td>
<td>$1,938</td>
<td>$623</td>
</tr>
<tr>
<td>Lane</td>
<td>$8,957</td>
<td>$6,331</td>
</tr>
<tr>
<td>Lincoln</td>
<td>$6,516</td>
<td>$4,992</td>
</tr>
<tr>
<td>Linn</td>
<td>$1,581</td>
<td>$1,489</td>
</tr>
<tr>
<td>Malheur</td>
<td>$2,811</td>
<td>$1,185</td>
</tr>
<tr>
<td>Marion</td>
<td>$4,923</td>
<td>$3,678</td>
</tr>
<tr>
<td>Morrow</td>
<td>$685</td>
<td>$236</td>
</tr>
<tr>
<td>Multnomah</td>
<td>$4,079</td>
<td>$3,876</td>
</tr>
<tr>
<td>Polk</td>
<td>$505</td>
<td>$420</td>
</tr>
<tr>
<td>Sherman</td>
<td>$1,785</td>
<td>$247</td>
</tr>
<tr>
<td>Tillamook</td>
<td>$7,026</td>
<td>$6,913</td>
</tr>
<tr>
<td>Umatilla</td>
<td>$1,054</td>
<td>$1,522</td>
</tr>
<tr>
<td>Union</td>
<td>$872</td>
<td>$857</td>
</tr>
<tr>
<td>Wallowa</td>
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<td>$740</td>
</tr>
<tr>
<td>Wasco</td>
<td>$9,056</td>
<td>$4,551</td>
</tr>
<tr>
<td>Washington</td>
<td>$2,207</td>
<td>$2,609</td>
</tr>
<tr>
<td>Wheeler</td>
<td>$948</td>
<td>$514</td>
</tr>
<tr>
<td>Yamhill</td>
<td>$573</td>
<td>$768</td>
</tr>
<tr>
<td>State</td>
<td>$120,798</td>
<td>$74,789</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with freshwater fishing in Oregon.
Source: Dean Runyan Associates.
Table 16. Expenditures for Saltwater Fishing by Trip Type for Counties, 2008

<table>
<thead>
<tr>
<th>County</th>
<th>Travel-Generated Expenditures* ($000s)</th>
<th>Local Recreation Expenditures** ($000s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Clatsop</td>
<td>$3,991</td>
<td>$1,633</td>
</tr>
<tr>
<td>Coos</td>
<td>$3,587</td>
<td>$4,111</td>
</tr>
<tr>
<td>Curry</td>
<td>$4,019</td>
<td>$902</td>
</tr>
<tr>
<td>Douglas</td>
<td>$4,643</td>
<td>$2,036</td>
</tr>
<tr>
<td>Lane</td>
<td>$909</td>
<td>$1,445</td>
</tr>
<tr>
<td>Lincoln</td>
<td>$14,355</td>
<td>$6,615</td>
</tr>
<tr>
<td>Tillamook</td>
<td>$14,344</td>
<td>$6,428</td>
</tr>
<tr>
<td>State</td>
<td>$45,848</td>
<td>$23,170</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with saltwater fishing in Oregon.
Source: Dean Runyan Associates.

Table 17. Expenditures for Shellfishing by Trip Type for Counties, 2008

<table>
<thead>
<tr>
<th>County</th>
<th>Travel-Generated Expenditures* ($000s)</th>
<th>Local Recreation Expenditures** ($000s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Clatsop</td>
<td>$3,999</td>
<td>$1,662</td>
</tr>
<tr>
<td>Coos</td>
<td>$3,770</td>
<td>$782</td>
</tr>
<tr>
<td>Curry</td>
<td>$972</td>
<td>$48</td>
</tr>
<tr>
<td>Douglas</td>
<td>$1,894</td>
<td>$721</td>
</tr>
<tr>
<td>Lane</td>
<td>$1,487</td>
<td>$353</td>
</tr>
<tr>
<td>Lincoln</td>
<td>$5,876</td>
<td>$1,784</td>
</tr>
<tr>
<td>Tillamook</td>
<td>$6,145</td>
<td>$1,545</td>
</tr>
<tr>
<td>State</td>
<td>$24,143</td>
<td>$6,896</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with shellfishing in Oregon.
Source: Dean Runyan Associates.
Table 18. Expenditures for Hunting by Trip Type for Counties, 2008

<table>
<thead>
<tr>
<th>County</th>
<th>Travel-Generated Expenditures* ($000s)</th>
<th>Local Recreation Expenditures** ($000s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Baker</td>
<td>$4,010</td>
<td>$514</td>
</tr>
<tr>
<td>Benton</td>
<td>$612</td>
<td>$341</td>
</tr>
<tr>
<td>Clackamas</td>
<td>$3,112</td>
<td>$1,309</td>
</tr>
<tr>
<td>Clatsop</td>
<td>$1,661</td>
<td>$652</td>
</tr>
<tr>
<td>Columbia</td>
<td>$840</td>
<td>$337</td>
</tr>
<tr>
<td>Coos</td>
<td>$1,834</td>
<td>$701</td>
</tr>
<tr>
<td>Crook</td>
<td>$2,060</td>
<td>$524</td>
</tr>
<tr>
<td>Curry</td>
<td>$519</td>
<td>$209</td>
</tr>
<tr>
<td>Deschutes</td>
<td>$5,495</td>
<td>$1,167</td>
</tr>
<tr>
<td>Douglas</td>
<td>$4,758</td>
<td>$1,475</td>
</tr>
<tr>
<td>Gilliam</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>Grant</td>
<td>$4,748</td>
<td>$390</td>
</tr>
<tr>
<td>Harney</td>
<td>$4,215</td>
<td>$349</td>
</tr>
<tr>
<td>Hood River</td>
<td>$632</td>
<td>$157</td>
</tr>
<tr>
<td>Jackson</td>
<td>$3,879</td>
<td>$1,217</td>
</tr>
<tr>
<td>Jefferson</td>
<td>$512</td>
<td>$217</td>
</tr>
<tr>
<td>Josephine</td>
<td>$1,032</td>
<td>$526</td>
</tr>
<tr>
<td>Klamath</td>
<td>$2,321</td>
<td>$858</td>
</tr>
<tr>
<td>Lake</td>
<td>$2,114</td>
<td>$377</td>
</tr>
<tr>
<td>Lane</td>
<td>$5,687</td>
<td>$2,220</td>
</tr>
<tr>
<td>Lincoln</td>
<td>$1,167</td>
<td>$441</td>
</tr>
<tr>
<td>Linn</td>
<td>$1,879</td>
<td>$897</td>
</tr>
<tr>
<td>Malheur</td>
<td>$1,704</td>
<td>$453</td>
</tr>
<tr>
<td>Marion</td>
<td>$2,473</td>
<td>$1,245</td>
</tr>
<tr>
<td>Morrow</td>
<td>$2,377</td>
<td>$275</td>
</tr>
<tr>
<td>Multnomah</td>
<td>$2,320</td>
<td>$1,067</td>
</tr>
<tr>
<td>Polk</td>
<td>$647</td>
<td>$310</td>
</tr>
<tr>
<td>Sherman</td>
<td>$448</td>
<td>$298</td>
</tr>
<tr>
<td>Tillamook</td>
<td>$1,789</td>
<td>$688</td>
</tr>
<tr>
<td>Umatilla</td>
<td>$2,851</td>
<td>$692</td>
</tr>
<tr>
<td>Union</td>
<td>$4,896</td>
<td>$539</td>
</tr>
<tr>
<td>Wallowa</td>
<td>$2,553</td>
<td>$217</td>
</tr>
<tr>
<td>Wasco</td>
<td>$1,459</td>
<td>$640</td>
</tr>
<tr>
<td>Washington</td>
<td>$2,516</td>
<td>$1,211</td>
</tr>
<tr>
<td>Wheeler</td>
<td>$1,101</td>
<td>...</td>
</tr>
<tr>
<td>Yamhill</td>
<td>$1,051</td>
<td>$529</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td><strong>$81,326</strong></td>
<td><strong>$23,132</strong></td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Local Recreation expenditures associated with trips under 50 miles.

Note: Resident and nonresident expenditures associated with hunting in Oregon.
Source: Dean Runyan Associates.
Table 19. Expenditures for Wildlife Viewing by Trip Type for Counties, 2008

<table>
<thead>
<tr>
<th>County</th>
<th>Travel-Generated Expenditures* ($000s)</th>
<th>Local Recreation Expenditures** ($000s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Baker</td>
<td>$7,709</td>
<td>$550</td>
</tr>
<tr>
<td>Benton</td>
<td>$4,556</td>
<td>$385</td>
</tr>
<tr>
<td>Clackamas</td>
<td>$19,013</td>
<td>$2,619</td>
</tr>
<tr>
<td>Clatsop</td>
<td>$51,349</td>
<td>$4,132</td>
</tr>
<tr>
<td>Columbia</td>
<td>$2,914</td>
<td>$463</td>
</tr>
<tr>
<td>Coos</td>
<td>$11,376</td>
<td>$2,735</td>
</tr>
<tr>
<td>Crook</td>
<td>$6,331</td>
<td>$439</td>
</tr>
<tr>
<td>Curry</td>
<td>$9,438</td>
<td>$585</td>
</tr>
<tr>
<td>Deschutes</td>
<td>$39,719</td>
<td>$3,052</td>
</tr>
<tr>
<td>Douglas</td>
<td>$7,909</td>
<td>$1,788</td>
</tr>
<tr>
<td>Gilliam</td>
<td>...</td>
<td>$163</td>
</tr>
<tr>
<td>Grant</td>
<td>$3,107</td>
<td>...</td>
</tr>
<tr>
<td>Harney</td>
<td>$7,825</td>
<td>$128</td>
</tr>
<tr>
<td>Hood River</td>
<td>$8,214</td>
<td>$4,791</td>
</tr>
<tr>
<td>Jackson</td>
<td>$14,803</td>
<td>$3,861</td>
</tr>
<tr>
<td>Jefferson</td>
<td>$9,247</td>
<td>$349</td>
</tr>
<tr>
<td>Josephine</td>
<td>$5,292</td>
<td>$1,403</td>
</tr>
<tr>
<td>Klamath</td>
<td>$12,269</td>
<td>$1,725</td>
</tr>
<tr>
<td>Lake</td>
<td>$4,842</td>
<td>...</td>
</tr>
<tr>
<td>Lane</td>
<td>$21,961</td>
<td>$5,609</td>
</tr>
<tr>
<td>Lincoln</td>
<td>$47,820</td>
<td>$5,409</td>
</tr>
<tr>
<td>Linn</td>
<td>$3,010</td>
<td>$1,104</td>
</tr>
<tr>
<td>Malheur</td>
<td>$961</td>
<td>$384</td>
</tr>
<tr>
<td>Marion</td>
<td>$12,949</td>
<td>$3,412</td>
</tr>
<tr>
<td>Morrow</td>
<td>$4,774</td>
<td>$168</td>
</tr>
<tr>
<td>Multnomah</td>
<td>$22,487</td>
<td>$9,025</td>
</tr>
<tr>
<td>Polk</td>
<td>$762</td>
<td>$1,613</td>
</tr>
<tr>
<td>Sherman</td>
<td>$1,183</td>
<td>...</td>
</tr>
<tr>
<td>Tillamook</td>
<td>$16,104</td>
<td>$2,465</td>
</tr>
<tr>
<td>Umatilla</td>
<td>$8,264</td>
<td>$1,439</td>
</tr>
<tr>
<td>Union</td>
<td>$3,934</td>
<td>$384</td>
</tr>
<tr>
<td>Wallowa</td>
<td>$4,967</td>
<td>$205</td>
</tr>
<tr>
<td>Wasco</td>
<td>$6,305</td>
<td>$1,495</td>
</tr>
<tr>
<td>Washington</td>
<td>$11,535</td>
<td>$3,691</td>
</tr>
<tr>
<td>Wheeler</td>
<td>$117</td>
<td>...</td>
</tr>
<tr>
<td>Yamhill</td>
<td>$2,389</td>
<td>$919</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td>$395,430</td>
<td>$66,657</td>
</tr>
</tbody>
</table>

* Travel-generated expenditures associated with overnight and day trips 50+ miles (one-way).
** Local Recreation expenditures associated with trips under 50 miles.
... Sample size too small to report data reliably.

Note: Resident and nonresident expenditures associated with wildlife viewing in Oregon.
Source: Dean Runyan Associates.
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APPENDIX A

Trip Characteristics by Activity
Table A-1. Travel Characteristics of Oregon Freshwater Anglers: 2008

<table>
<thead>
<tr>
<th></th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight Day Total</td>
<td>Local Recreation</td>
<td>Travel Characteristics</td>
</tr>
<tr>
<td>Purpose of Trip</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Reason</td>
<td>63.7% 87.4% 74.9% 93.1%</td>
<td>72.5% 85.4% 78.2%</td>
<td></td>
</tr>
<tr>
<td>One Of Several Reasons</td>
<td>33.3% 11.3% 22.9% 5.9%</td>
<td>24.8% 8.6% 17.7%</td>
<td></td>
</tr>
<tr>
<td>Incidental Activity</td>
<td>2.9% 1.3% 2.1% 1.1%</td>
<td>2.7% 6.0% 4.1%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>100.0% 100.0% 100.0% 100.0%</td>
<td>100.0% 100.0% 100.0%</td>
<td></td>
</tr>
<tr>
<td>Type of Accommodation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hotel, Motel, Rented Cabin</td>
<td>72.3% NA 72.3% NA</td>
<td>51.4% NA 51.4%</td>
<td></td>
</tr>
<tr>
<td>Campground/Camping</td>
<td>20.4% NA 20.4% NA</td>
<td>39.4% NA 39.4%</td>
<td></td>
</tr>
<tr>
<td>Friends/Relatives</td>
<td>11.3% NA 11.3% NA</td>
<td>19.0% NA 19.0%</td>
<td></td>
</tr>
<tr>
<td>Second Home</td>
<td>7.4% NA 7.4% NA</td>
<td>2.9% NA 2.9%</td>
<td></td>
</tr>
<tr>
<td>Total *</td>
<td>111.4% 111.4% 112.7% 112.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Nights</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Night</td>
<td>9.6% NA 9.6% NA</td>
<td>7.4% NA 7.4%</td>
<td></td>
</tr>
<tr>
<td>2 Nights</td>
<td>28.8% NA 28.8% NA</td>
<td>16.9% NA 16.9%</td>
<td></td>
</tr>
<tr>
<td>3-4 Nights</td>
<td>32.3% NA 32.3% NA</td>
<td>32.7% NA 32.7%</td>
<td></td>
</tr>
<tr>
<td>5-6 Nights</td>
<td>13.1% NA 13.1% NA</td>
<td>23.0% NA 23.0%</td>
<td></td>
</tr>
<tr>
<td>7-13 Nights</td>
<td>11.7% NA 11.7% NA</td>
<td>13.4% NA 13.4%</td>
<td></td>
</tr>
<tr>
<td>14+ Nights</td>
<td>4.5% NA 4.5% NA</td>
<td>6.5% NA 6.5%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>100.0% 100.0% 100.0% 100.0%</td>
<td>100.0% 100.0% 100.0%</td>
<td></td>
</tr>
<tr>
<td>Miles Traveled</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>less than 50</td>
<td>10.3% NA 5.4% 100.0%</td>
<td>4.2% 20.5% 11.2%</td>
<td></td>
</tr>
<tr>
<td>50-99</td>
<td>28.7% 72.5% 49.5% NA</td>
<td>11.3% 44.7% 25.6%</td>
<td></td>
</tr>
<tr>
<td>100-199</td>
<td>41.8% 22.8% 32.8% NA</td>
<td>21.5% 16.9% 19.5%</td>
<td></td>
</tr>
<tr>
<td>200-299</td>
<td>12.1% 4.3% 8.4% NA</td>
<td>12.9% 4.0% 9.1%</td>
<td></td>
</tr>
<tr>
<td>300+</td>
<td>7.1% 0.3% 3.9% NA</td>
<td>50.1% 13.9% 34.5%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>100.0% 100.0% 100.0% 100.0%</td>
<td>100.0% 100.0% 100.0%</td>
<td></td>
</tr>
<tr>
<td>Average Party Size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Adults</td>
<td>2.6 2.2 2.4 2.0</td>
<td>2.6 2.0 2.3</td>
<td></td>
</tr>
<tr>
<td>with Oregon License</td>
<td>2.3 2.0 2.2 1.7</td>
<td>2.2 1.7 2.0</td>
<td></td>
</tr>
<tr>
<td>Number of Children</td>
<td>0.8 0.5 0.7 0.4</td>
<td>0.2 0.3 0.2</td>
<td></td>
</tr>
<tr>
<td>Travel Companions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Just Myself</td>
<td>5.0% 6.7% 5.8% 12.8%</td>
<td>7.8% 5.5% 6.8%</td>
<td></td>
</tr>
<tr>
<td>Immediate Family Only</td>
<td>46.2% 38.0% 42.4% 36.1%</td>
<td>37.2% 30.3% 34.1%</td>
<td></td>
</tr>
<tr>
<td>Multiple Families</td>
<td>22.0% 20.3% 21.2% 14.8%</td>
<td>25.0% 27.0% 25.9%</td>
<td></td>
</tr>
<tr>
<td>Other Adult Friends</td>
<td>23.6% 29.6% 26.4% 30.2%</td>
<td>26.2% 32.2% 29.0%</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>3.3% 5.5% 4.3% 6.0%</td>
<td>3.7% 4.9% 4.2%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>100.0% 100.0% 100.0% 100.0%</td>
<td>100.0% 100.0% 100.0%</td>
<td></td>
</tr>
<tr>
<td>Freshwater Species Fished</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trout</td>
<td>66.6% 54.8% 61.0% 54.9%</td>
<td>46.9% 53.6% 49.9%</td>
<td></td>
</tr>
<tr>
<td>Salmon</td>
<td>21.2% 35.4% 27.9% 34.1%</td>
<td>24.4% 26.9% 25.5%</td>
<td></td>
</tr>
<tr>
<td>Steelhead</td>
<td>23.3% 34.3% 28.5% 35.9%</td>
<td>35.8% 29.5% 33.0%</td>
<td></td>
</tr>
<tr>
<td>Bass</td>
<td>22.6% 18.0% 20.4% 23.3%</td>
<td>17.9% 24.0% 20.6%</td>
<td></td>
</tr>
<tr>
<td>Sturgeon</td>
<td>7.1% 10.4% 8.6% 10.5%</td>
<td>6.2% 6.7% 6.4%</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>13.6% 10.4% 12.1% 7.8%</td>
<td>14.9% 13.7% 14.3%</td>
<td></td>
</tr>
<tr>
<td>Total *</td>
<td>154.4% 163.3% 158.5% 166.5%</td>
<td>146.1% 154.4% 149.7%</td>
<td></td>
</tr>
</tbody>
</table>

* Detail may total more than 100% due to multiple response.
Note: Local Recreation represents local trips of less than 50 miles (one-way).
Source: Dean Runyan Associates.
Table A-2. Travel Characteristics of Oregon Saltwater Anglers: 2008

<table>
<thead>
<tr>
<th>Purpose of Trip</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Day</td>
<td>Total Overnight</td>
<td>Total Day</td>
</tr>
<tr>
<td></td>
<td>Total Local</td>
<td>Recreation</td>
<td>Overnight</td>
</tr>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
<td>Day</td>
</tr>
<tr>
<td>Primary Reason</td>
<td>80.5% 87.1%</td>
<td>83.4% 94.2%</td>
<td>69.8% 85.1%</td>
</tr>
<tr>
<td>One Of Several Reasons</td>
<td>19.5% 12.9%</td>
<td>16.6% 5.8%</td>
<td>30.2% 10.6%</td>
</tr>
<tr>
<td>Incidental Activity</td>
<td>0.0% 0.0%</td>
<td>0.0% 0.0%</td>
<td>0.0% 4.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
<td>Day</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>Local</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td>Overnight</td>
<td>Recreation</td>
<td>Overnight</td>
</tr>
<tr>
<td>Hotel, Motel, Rented Cabin</td>
<td>36.2% NA</td>
<td>36.2% NA</td>
<td>39.2% NA</td>
</tr>
<tr>
<td>Campground/Camping</td>
<td>50.1% NA</td>
<td>50.1% NA</td>
<td>24.3% NA</td>
</tr>
<tr>
<td>Friends/Relatives</td>
<td>17.5% NA</td>
<td>17.5% NA</td>
<td>32.4% NA</td>
</tr>
<tr>
<td>Second Home</td>
<td>13.7% NA</td>
<td>13.7% NA</td>
<td>18.9% NA</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>117.5%</strong></td>
<td><strong>117.5%</strong></td>
<td><strong>114.8%</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of Nights</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Day</td>
<td>Total</td>
<td>Total</td>
</tr>
<tr>
<td>1 Night</td>
<td>12.8% NA</td>
<td>12.8% NA</td>
<td>7.1% NA</td>
</tr>
<tr>
<td>2 Nights</td>
<td>31.9% NA</td>
<td>31.9% NA</td>
<td>21.2% NA</td>
</tr>
<tr>
<td>3-4 Nights</td>
<td>27.6% NA</td>
<td>27.6% NA</td>
<td>30.6% NA</td>
</tr>
<tr>
<td>5-6 Nights</td>
<td>6.0% NA</td>
<td>6.0% NA</td>
<td>9.4% NA</td>
</tr>
<tr>
<td>7-13 Nights</td>
<td>15.6% NA</td>
<td>15.6% NA</td>
<td>5.9% NA</td>
</tr>
<tr>
<td>14+ Nights</td>
<td>6.2% NA</td>
<td>6.2% NA</td>
<td>25.9% NA</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

| Miles Traveled                  | Oregon Residents | Nonresidents | Nonresidents |
|                                 | Day              | Total        | Total        |
| less than 50                     | 1.5% NA          | 0.8% 100.0% | 2.4% 18.4%   |
| 50-99                            | 43.9% 63.1%      | 52.7% NA     | 25.9% 6.1%  |
| 100-199                          | 44.7% 34.9%      | 40.2% NA     | 20.0% 20.4% |
| 200-299                          | 7.0% 1.7%        | 4.6% NA      | 22.4% 42.9% |
| 300+                             | 3.0% 0.2%        | 1.7% NA      | 29.4% 12.2% |
| **Total**                        | **100.0%**       | **100.0%**   | **100.0%**   |

| Average Party Size               | Oregon Residents | Nonresidents | Nonresidents |
|                                 | Day              | Total        | Total        |
| Number of Adults                 | 2.8 2.6 2.7 2.1 | 2.6 1.3 1.3 | 2.6 1.1 1.1 |
| with Oregon License              | 2.5 2.4 2.4 2.0 | 2.8 1.1 1.1 | 2.8 1.1 1.1 |
| Number of Children               | 0.6 0.5 0.6 0.3 | 0.1 0.4 0.4 | 0.1 0.4 0.4 |

| Travel Companions                | Oregon Residents | Nonresidents | Nonresidents |
|                                 | Day              | Total        | Total        |
| Just Myself                      | 2.1% 0.8% 1.6% 6.3% | 1.4% 2.0% 1.7% | 1.4% 2.0% 1.7% |
| Immediate Family Only            | 47.3% 38.9% 43.7% | 22.5% 39.4% 22.4% | 39.4% 22.4% 32.5% |
| Multiple Families                | 26.2% 17.5% 22.4% | 16.2% 32.4% 28.6% | 32.4% 28.6% 30.8% |
| Other Adult Friends              | 19.8% 38.0% 27.6% | 51.5% 26.8% 46.9% | 26.8% 46.9% 35.0% |
| Other                            | 4.6% 4.8% 4.7% 3.5% | 0.0% 0.0% 0.0% | 0.0% 0.0% 0.0% |
| **Total**                        | **100.0%**       | **100.0%**   | **100.0%**   |

| Saltwater Species Fished         | Oregon Residents | Nonresidents | Nonresidents |
|                                 | Day              | Total        | Total        |
| Salmon                          | 65.0% 63.8% 43.5% | 62.6% 69.8% 67.5% | 67.5% 70.4% |
| Halibut                         | 22.8% 35.2% 19.2% | 22.2% 26.7% 57.5% | 57.5% 34.1% |
| Tuna                            | 17.5% 21.9% 13.2% | 17.4% 27.9% 55.0% | 55.0% 39.3% |
| Rock/Bottom                     | 49.2% 55.1% 35.0% | 69.5% 45.3% 75.0% | 75.0% 57.8% |
| Perch                           | 12.8% 13.7% 8.9%  | 11.9% 4.7% 7.5%  | 7.5% 5.2%  |
| Other                           | 18.7% 17.0% 12.1% | 13.7% 9.3% 5.0%  | 5.0% 7.4%  |
| **Total**                       | **186.0%**       | **100.0%**   | **131.8%**   |

* Detail may total more than 100% due to multiple response.

Note: Local Recreation represents local trips of less than 50 miles (one-way).
Source: Dean Runyan Associates.
### Table A-3. Travel Characteristics of Oregon Shellfishers: 2008

<table>
<thead>
<tr>
<th>Purpose of Trip</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Primary Reason</td>
<td>39.6%</td>
<td>74.3%</td>
</tr>
<tr>
<td>One Of Several Reasons</td>
<td>54.5%</td>
<td>21.5%</td>
</tr>
<tr>
<td>Incidental Activity</td>
<td>5.9%</td>
<td>4.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Hotel, Motel, Rented Cabin</td>
<td>22.8%</td>
<td>NA</td>
</tr>
<tr>
<td>Campground/Camping</td>
<td>50.4%</td>
<td>NA</td>
</tr>
<tr>
<td>Friends/Relatives</td>
<td>15.2%</td>
<td>NA</td>
</tr>
<tr>
<td>Second Home</td>
<td>20.3%</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>108.7%</td>
<td>108.7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of Nights</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>1 Night</td>
<td>13.5%</td>
<td>NA</td>
</tr>
<tr>
<td>2 Nights</td>
<td>30.7%</td>
<td>NA</td>
</tr>
<tr>
<td>3-4 Nights</td>
<td>24.5%</td>
<td>NA</td>
</tr>
<tr>
<td>5-6 Nights</td>
<td>10.4%</td>
<td>NA</td>
</tr>
<tr>
<td>7-13 Nights</td>
<td>9.8%</td>
<td>NA</td>
</tr>
<tr>
<td>14+ Nights</td>
<td>11.2%</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Miles Traveled</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>less than 50</td>
<td>3.4%</td>
<td>NA</td>
</tr>
<tr>
<td>50-99</td>
<td>49.5%</td>
<td>69.9%</td>
</tr>
<tr>
<td>100-199</td>
<td>35.6%</td>
<td>28.4%</td>
</tr>
<tr>
<td>200-299</td>
<td>8.6%</td>
<td>1.2%</td>
</tr>
<tr>
<td>300+</td>
<td>2.9%</td>
<td>0.5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Average Party Size</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Adults</td>
<td>3.0</td>
<td>2.7</td>
</tr>
<tr>
<td>with Oregon License</td>
<td>2.7</td>
<td>2.5</td>
</tr>
<tr>
<td>Number of Children</td>
<td>0.7</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Travel Companions</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Just Myself</td>
<td>1.9%</td>
<td>4.1%</td>
</tr>
<tr>
<td>Immediate Family Only</td>
<td>39.6%</td>
<td>40.6%</td>
</tr>
<tr>
<td>Multiple Families</td>
<td>22.0%</td>
<td>8.6%</td>
</tr>
<tr>
<td>Other Adult Friends</td>
<td>33.4%</td>
<td>44.8%</td>
</tr>
<tr>
<td>Other Travel Party</td>
<td>3.1%</td>
<td>1.8%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
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<table>
<thead>
<tr>
<th>Shellfish Harvested</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
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<tbody>
<tr>
<td></td>
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<td>Day</td>
</tr>
<tr>
<td>Crabs</td>
<td>79.8%</td>
<td>71.4%</td>
</tr>
<tr>
<td>Razor Clams</td>
<td>26.9%</td>
<td>28.7%</td>
</tr>
<tr>
<td>Bay Clams</td>
<td>25.5%</td>
<td>12.8%</td>
</tr>
<tr>
<td>Mussels</td>
<td>5.4%</td>
<td>2.1%</td>
</tr>
<tr>
<td>Rock Scallops</td>
<td>0.7%</td>
<td>1.1%</td>
</tr>
<tr>
<td>Sand/Mud Shrimps</td>
<td>6.1%</td>
<td>6.2%</td>
</tr>
<tr>
<td>Other</td>
<td>0.9%</td>
<td>2.8%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>145.3%</td>
<td>125.1%</td>
</tr>
</tbody>
</table>

*Detail may total more than 100% due to multiple response.

Note: Local Recreation represents local trips of less than 50 miles (one-way).
Source: Dean Runyan Associates.
### Table A-4. Travel Characteristics of Oregon Hunters: 2008

<table>
<thead>
<tr>
<th>Purpose of Trip</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
<td>Total</td>
<td>Recreation</td>
</tr>
<tr>
<td>Primary Reason</td>
<td>91.5%</td>
<td>90.4%</td>
<td>91.1%</td>
<td>93.3%</td>
</tr>
<tr>
<td>One Of Several Reasons</td>
<td>8.1%</td>
<td>9.1%</td>
<td>8.5%</td>
<td>6.1%</td>
</tr>
<tr>
<td>Incidental Activity</td>
<td>0.4%</td>
<td>0.6%</td>
<td>0.5%</td>
<td>0.6%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotel, Motel, Rented Cabin</td>
<td>13.3%</td>
<td>NA</td>
<td>13.3%</td>
<td>NA</td>
</tr>
<tr>
<td>Campground/Camping</td>
<td>80.3%</td>
<td>NA</td>
<td>80.3%</td>
<td>NA</td>
</tr>
<tr>
<td>Friends/Relatives</td>
<td>9.5%</td>
<td>NA</td>
<td>9.5%</td>
<td>NA</td>
</tr>
<tr>
<td>Second Home</td>
<td>6.8%</td>
<td>NA</td>
<td>6.8%</td>
<td>NA</td>
</tr>
<tr>
<td>Total *</td>
<td>109.9%</td>
<td>109.9%</td>
<td>109.9%</td>
<td>120.2%</td>
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</table>

<table>
<thead>
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<th>Number of Nights</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Night</td>
<td>3.5%</td>
<td>NA</td>
<td>3.5%</td>
<td>NA</td>
</tr>
<tr>
<td>2 Nights</td>
<td>13.9%</td>
<td>NA</td>
<td>13.9%</td>
<td>NA</td>
</tr>
<tr>
<td>3-4 Nights</td>
<td>20.3%</td>
<td>NA</td>
<td>20.3%</td>
<td>NA</td>
</tr>
<tr>
<td>5-6 Nights</td>
<td>20.3%</td>
<td>NA</td>
<td>20.3%</td>
<td>NA</td>
</tr>
<tr>
<td>7-13 Nights</td>
<td>33.2%</td>
<td>NA</td>
<td>33.2%</td>
<td>NA</td>
</tr>
<tr>
<td>14+ Nights</td>
<td>8.8%</td>
<td>NA</td>
<td>8.8%</td>
<td>NA</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Miles Traveled</th>
<th>Oregon Residents</th>
<th>Nonresidents</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>less than 50</td>
<td>11.5%</td>
<td>NA</td>
<td>7.4%</td>
<td>100.0%</td>
</tr>
<tr>
<td>50-99</td>
<td>22.4%</td>
<td>69.4%</td>
<td>39.0%</td>
<td>NA</td>
</tr>
<tr>
<td>100-199</td>
<td>25.4%</td>
<td>24.3%</td>
<td>25.0%</td>
<td>NA</td>
</tr>
<tr>
<td>200-299</td>
<td>20.5%</td>
<td>3.3%</td>
<td>14.4%</td>
<td>NA</td>
</tr>
<tr>
<td>300+</td>
<td>20.1%</td>
<td>3.1%</td>
<td>14.1%</td>
<td>NA</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Average Party Size</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Adults</td>
<td>2.8</td>
<td>2.2</td>
<td>2.5</td>
<td>2.0</td>
</tr>
<tr>
<td>with Oregon License</td>
<td>2.7</td>
<td>2.1</td>
<td>2.2</td>
<td>1.9</td>
</tr>
<tr>
<td>Number of Children</td>
<td>0.5</td>
<td>0.4</td>
<td>0.4</td>
<td>0.4</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Travel Companions</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Just Myself</td>
<td>16.2%</td>
<td>6.5%</td>
<td>12.8%</td>
<td>3.2%</td>
</tr>
<tr>
<td>Immediate Family Only</td>
<td>29.5%</td>
<td>41.7%</td>
<td>33.9%</td>
<td>36.1%</td>
</tr>
<tr>
<td>Multiple Families</td>
<td>44.9%</td>
<td>38.1%</td>
<td>42.5%</td>
<td>38.1%</td>
</tr>
<tr>
<td>Other Adult Friends</td>
<td>3.8%</td>
<td>2.4%</td>
<td>3.3%</td>
<td>2.2%</td>
</tr>
<tr>
<td>Other Travel Party</td>
<td>5.6%</td>
<td>11.3%</td>
<td>7.6%</td>
<td>20.4%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Game Hunted During Trip</th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
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<td>Deer</td>
<td>54.0%</td>
<td>54.2%</td>
<td>54.1%</td>
<td>68.0%</td>
</tr>
<tr>
<td>Elk</td>
<td>58.3%</td>
<td>35.3%</td>
<td>50.3%</td>
<td>36.2%</td>
</tr>
<tr>
<td>Wild Turkey</td>
<td>5.0%</td>
<td>5.8%</td>
<td>5.3%</td>
<td>5.9%</td>
</tr>
<tr>
<td>Other Big Game</td>
<td>9.1%</td>
<td>10.2%</td>
<td>9.5%</td>
<td>9.1%</td>
</tr>
<tr>
<td>Upland Game Birds</td>
<td>15.8%</td>
<td>23.7%</td>
<td>18.6%</td>
<td>18.2%</td>
</tr>
<tr>
<td>Waterfowl</td>
<td>6.3%</td>
<td>11.0%</td>
<td>7.9%</td>
<td>18.3%</td>
</tr>
<tr>
<td>Other</td>
<td>5.4%</td>
<td>7.9%</td>
<td>6.3%</td>
<td>4.2%</td>
</tr>
<tr>
<td>Total *</td>
<td>153.9%</td>
<td>148.1%</td>
<td>151.8%</td>
<td>159.9%</td>
</tr>
</tbody>
</table>

*Detail may total more than 100% due to multiple response.

Note: Local Recreation represents local trips of less than 50 miles (one-way).

Source: Dean Runyan Associates.
Table A-5. Travel Characteristics of Oregon Wildlife Viewers: 2008  
(Where wildlife viewing activity occurred)

<table>
<thead>
<tr>
<th>Purpose of Trip</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>Primary Reason</td>
<td>15.7%</td>
<td>20.5%</td>
</tr>
<tr>
<td>One Of Several Reasons</td>
<td>38.3%</td>
<td>38.6%</td>
</tr>
<tr>
<td>Incidental Activity</td>
<td>46.0%</td>
<td>40.9%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotel, Motel, Rented Cabin</td>
<td>36.6%</td>
<td>NA</td>
</tr>
<tr>
<td>Campground/Camping</td>
<td>35.7%</td>
<td>NA</td>
</tr>
<tr>
<td>Friends/Relatives</td>
<td>13.7%</td>
<td>NA</td>
</tr>
<tr>
<td>Second Home</td>
<td>4.8%</td>
<td>NA</td>
</tr>
<tr>
<td>Other</td>
<td>15.2%</td>
<td>NA</td>
</tr>
<tr>
<td>Total</td>
<td>106.0%</td>
<td>106.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of Nights</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>1 Night</td>
<td>24.3%</td>
<td>NA</td>
</tr>
<tr>
<td>2 Nights</td>
<td>37.3%</td>
<td>NA</td>
</tr>
<tr>
<td>3-4 Nights</td>
<td>21.3%</td>
<td>NA</td>
</tr>
<tr>
<td>5-6 Nights</td>
<td>8.2%</td>
<td>NA</td>
</tr>
<tr>
<td>7-13 Nights</td>
<td>5.9%</td>
<td>NA</td>
</tr>
<tr>
<td>14+ Nights</td>
<td>3.0%</td>
<td>NA</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Miles Traveled</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Overnight</td>
<td>Day</td>
</tr>
<tr>
<td>less than 50</td>
<td>10.4%</td>
<td>NA</td>
</tr>
<tr>
<td>50-99</td>
<td>29.7%</td>
<td>76.2%</td>
</tr>
<tr>
<td>100-199</td>
<td>30.6%</td>
<td>17.8%</td>
</tr>
<tr>
<td>200-299</td>
<td>17.2%</td>
<td>2.8%</td>
</tr>
<tr>
<td>300+</td>
<td>12.2%</td>
<td>3.2%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Average Party Size</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Adults</td>
<td>Number of Children</td>
</tr>
<tr>
<td></td>
<td>2.8</td>
<td>2.6</td>
</tr>
<tr>
<td></td>
<td>1.2</td>
<td>0.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Travel Companions</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Adults</td>
<td>Number of Children</td>
</tr>
<tr>
<td>Just Myself</td>
<td>7.4%</td>
<td>9.9%</td>
</tr>
<tr>
<td>Immediate Family Only</td>
<td>52.6%</td>
<td>58.3%</td>
</tr>
<tr>
<td>Multiple Families</td>
<td>15.7%</td>
<td>5.7%</td>
</tr>
<tr>
<td>Other Adult Friends</td>
<td>20.6%</td>
<td>25.6%</td>
</tr>
<tr>
<td>Other Travel Party</td>
<td>3.7%</td>
<td>0.6%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Wildlife Viewed</th>
<th>Oregon Residents</th>
<th>Local Recreation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>90.6%</td>
<td>88.4%</td>
</tr>
<tr>
<td>Land Animals</td>
<td>83.5%</td>
<td>76.9%</td>
</tr>
<tr>
<td>Marine Mammals</td>
<td>18.4%</td>
<td>17.1%</td>
</tr>
<tr>
<td>Marine Life/Tidepools</td>
<td>16.9%</td>
<td>14.4%</td>
</tr>
<tr>
<td>Fish</td>
<td>29.2%</td>
<td>23.3%</td>
</tr>
<tr>
<td>Amphibians/Reptiles</td>
<td>17.3%</td>
<td>8.7%</td>
</tr>
<tr>
<td>Other</td>
<td>4.4%</td>
<td>2.7%</td>
</tr>
<tr>
<td>Total</td>
<td>260.3%</td>
<td>231.5%</td>
</tr>
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* Detail may total more than 100% due to multiple response.
Note: Local Recreation represents local trips of less than 50 miles (one-way).
Source: Dean Runyan Associates.
<table>
<thead>
<tr>
<th>Purpose of Trip</th>
<th>Travel Characteristics</th>
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<td>Day</td>
</tr>
<tr>
<td>Primary Reason</td>
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<td>100.0%</td>
</tr>
<tr>
<td>One Of Several Reasons</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Incidental Activity</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Type of Accommodation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hotel, Motel, Rented Cabin</td>
<td>16.4%</td>
<td>NA</td>
</tr>
<tr>
<td>Campground/Camping</td>
<td>48.0%</td>
<td>NA</td>
</tr>
<tr>
<td>Friends/Relatives</td>
<td>7.5%</td>
<td>NA</td>
</tr>
<tr>
<td>Second Home</td>
<td>0.0%</td>
<td>NA</td>
</tr>
<tr>
<td>Other</td>
<td>30.1%</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>102.0%</td>
<td>NA</td>
</tr>
<tr>
<td>Number of Nights</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Night</td>
<td>8.9%</td>
<td>NA</td>
</tr>
<tr>
<td>2 Nights</td>
<td>34.2%</td>
<td>NA</td>
</tr>
<tr>
<td>3-4 Nights</td>
<td>26.0%</td>
<td>NA</td>
</tr>
<tr>
<td>5-6 Nights</td>
<td>14.4%</td>
<td>NA</td>
</tr>
<tr>
<td>7-13 Nights</td>
<td>6.8%</td>
<td>NA</td>
</tr>
<tr>
<td>14+ Nights</td>
<td>9.6%</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>NA</td>
</tr>
<tr>
<td>Miles Traveled</td>
<td></td>
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<tr>
<td>less than 50</td>
<td>10.6%</td>
<td>NA</td>
</tr>
<tr>
<td>50-99</td>
<td>36.2%</td>
<td>91.1%</td>
</tr>
<tr>
<td>100-199</td>
<td>23.4%</td>
<td>4.4%</td>
</tr>
<tr>
<td>200-299</td>
<td>16.3%</td>
<td>1.1%</td>
</tr>
<tr>
<td>300+</td>
<td>13.5%</td>
<td>3.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Average Party Size</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Adults</td>
<td>2.6</td>
<td>2.8</td>
</tr>
<tr>
<td>Number of Children</td>
<td>1.1</td>
<td>0.6</td>
</tr>
<tr>
<td>Travel Companions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Just Myself</td>
<td>7.5%</td>
<td>16.8%</td>
</tr>
<tr>
<td>Immediate Family Only</td>
<td>45.9%</td>
<td>52.3%</td>
</tr>
<tr>
<td>Multiple Families</td>
<td>13.7%</td>
<td>9.3%</td>
</tr>
<tr>
<td>Other Adult Friends</td>
<td>24.7%</td>
<td>21.5%</td>
</tr>
<tr>
<td>Other Travel Party</td>
<td>8.2%</td>
<td>0.0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Wildlife Viewed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>82.9%</td>
<td>83.2%</td>
</tr>
<tr>
<td>Land Animals</td>
<td>80.8%</td>
<td>57.0%</td>
</tr>
<tr>
<td>Marine Mammals</td>
<td>12.3%</td>
<td>15.9%</td>
</tr>
<tr>
<td>Marine Life/Tidepools</td>
<td>9.6%</td>
<td>11.2%</td>
</tr>
<tr>
<td>Fish</td>
<td>29.5%</td>
<td>29.9%</td>
</tr>
<tr>
<td>Amphibians/Reptiles</td>
<td>19.2%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Other</td>
<td>9.6%</td>
<td>5.6%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>243.9%</td>
<td>205.6%</td>
</tr>
</tbody>
</table>

*Detail may total more than 100% due to multiple response.

Note: Local Recreation represents local trips of less than 50 miles (one-way).
Source: Dean Runyan Associates.
APPENDIX B

Demographics
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Table B-1. Demographic Characteristics and Preferred Communication:
Residents versus Nonresidents

<table>
<thead>
<tr>
<th></th>
<th>Hunters</th>
<th>Shellfishers</th>
<th>Anglers</th>
<th>Wildlife Viewers*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Household Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNDER $25,000</td>
<td>8.3%</td>
<td>2.3%</td>
<td>10.7%</td>
<td>9.0%</td>
</tr>
<tr>
<td>$25,000-$49,999</td>
<td>25.0%</td>
<td>11.3%</td>
<td>26.0%</td>
<td>16.0%</td>
</tr>
<tr>
<td>$50,000-$74,999</td>
<td>28.2%</td>
<td>23.2%</td>
<td>29.1%</td>
<td>34.0%</td>
</tr>
<tr>
<td>$75,000-$99,999</td>
<td>18.5%</td>
<td>19.5%</td>
<td>15.2%</td>
<td>23.0%</td>
</tr>
<tr>
<td>$100,000 OR MORE</td>
<td>20.0%</td>
<td>43.6%</td>
<td>19.0%</td>
<td>18.0%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Some High School Or H.S. Diploma</td>
<td>32.3%</td>
<td>20.7%</td>
<td>28.5%</td>
<td>23.1%</td>
</tr>
<tr>
<td>Some College Or 2-Year Degree</td>
<td>40.3%</td>
<td>33.9%</td>
<td>40.0%</td>
<td>43.3%</td>
</tr>
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<td>Bachelors Degree</td>
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<td>27.7%</td>
<td>18.9%</td>
<td>20.2%</td>
</tr>
<tr>
<td>Advanced Degree</td>
<td>8.9%</td>
<td>17.7%</td>
<td>12.6%</td>
<td>13.5%</td>
</tr>
<tr>
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<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Preferred Communication with ODFW</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td>14.4%</td>
<td>18.0%</td>
<td>14.7%</td>
<td>16.7%</td>
</tr>
<tr>
<td>ODFW Printed Brochures</td>
<td>22.9%</td>
<td>16.9%</td>
<td>19.8%</td>
<td>23.5%</td>
</tr>
<tr>
<td>Information At License Vendors</td>
<td>14.3%</td>
<td>6.0%</td>
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</tr>
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<td>ODFW Website</td>
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<tr>
<td>Direct Mail</td>
<td>25.2%</td>
<td>26.1%</td>
<td>24.0%</td>
<td>23.5%</td>
</tr>
<tr>
<td>Other</td>
<td>2.4%</td>
<td>2.5%</td>
<td>3.4%</td>
<td>2.0%</td>
</tr>
<tr>
<td>Total</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

* Oregon Residents who reported either planned or unplanned wildlife viewing activity in 2008.
Note: Detail may total more than 100% due to multiple response.

Source: Dean Runyan Associates.
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APPENDIX C

Number of Trips and Days of Participation by Activity
This page intentionally blank
<table>
<thead>
<tr>
<th>Region</th>
<th>Type</th>
<th>Trout</th>
<th>Salmon</th>
<th>Steelhead</th>
<th>Bass</th>
<th>Sturgeon</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Willamette Valley</td>
<td>Overnight</td>
<td>47</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>0</td>
<td>7</td>
<td>67</td>
</tr>
<tr>
<td></td>
<td>Day (50+ miles)</td>
<td>101</td>
<td>20</td>
<td>31</td>
<td>9</td>
<td>0</td>
<td>11</td>
<td>173</td>
</tr>
<tr>
<td></td>
<td>Local (under 50 miles)</td>
<td>280</td>
<td>81</td>
<td>103</td>
<td>101</td>
<td>13</td>
<td>19</td>
<td>597</td>
</tr>
<tr>
<td>North Coast</td>
<td>Overnight</td>
<td>15</td>
<td>28</td>
<td>13</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td>Day (50+ miles)</td>
<td>34</td>
<td>81</td>
<td>71</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>216</td>
</tr>
<tr>
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<td>28</td>
<td>18</td>
<td>5</td>
<td>11</td>
<td>0</td>
<td>101</td>
</tr>
<tr>
<td>Central Coast</td>
<td>Overnight</td>
<td>29</td>
<td>26</td>
<td>17</td>
<td>13</td>
<td>6</td>
<td>7</td>
<td>97</td>
</tr>
<tr>
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<td>Day (50+ miles)</td>
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<td>61</td>
<td>45</td>
<td>26</td>
<td>12</td>
<td>11</td>
<td>194</td>
</tr>
<tr>
<td></td>
<td>Local (under 50 miles)</td>
<td>38</td>
<td>35</td>
<td>33</td>
<td>13</td>
<td>5</td>
<td>6</td>
<td>132</td>
</tr>
<tr>
<td>South Coast</td>
<td>Overnight</td>
<td>8</td>
<td>20</td>
<td>12</td>
<td>4</td>
<td>0</td>
<td>1</td>
<td>46</td>
</tr>
<tr>
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<td>Day (50+ miles)</td>
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<td>14</td>
<td>10</td>
<td>15</td>
<td>0</td>
<td>2</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td>Local (under 50 miles)</td>
<td>20</td>
<td>23</td>
<td>28</td>
<td>16</td>
<td>0</td>
<td>0</td>
<td>87</td>
</tr>
<tr>
<td>Portland Metro/Columbia</td>
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<td>5</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Day (50+ miles)</td>
<td>15</td>
<td>26</td>
<td>20</td>
<td>7</td>
<td>14</td>
<td>1</td>
<td>83</td>
</tr>
<tr>
<td></td>
<td>Local (under 50 miles)</td>
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<td>194</td>
<td>135</td>
<td>35</td>
<td>109</td>
<td>9</td>
<td>564</td>
</tr>
<tr>
<td>Southern</td>
<td>Overnight</td>
<td>72</td>
<td>3</td>
<td>10</td>
<td>15</td>
<td>2</td>
<td>7</td>
<td>109</td>
</tr>
<tr>
<td></td>
<td>Day (50+ miles)</td>
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<td>24</td>
<td>38</td>
<td>25</td>
<td>0</td>
<td>13</td>
<td>207</td>
</tr>
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<td>Local (under 50 miles)</td>
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<td>67</td>
<td>109</td>
<td>63</td>
<td>5</td>
<td>14</td>
<td>382</td>
</tr>
<tr>
<td>Central</td>
<td>Overnight</td>
<td>126</td>
<td>5</td>
<td>26</td>
<td>22</td>
<td>0</td>
<td>16</td>
<td>195</td>
</tr>
<tr>
<td></td>
<td>Day (50+ miles)</td>
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<td>16</td>
<td>35</td>
<td>15</td>
<td>0</td>
<td>11</td>
<td>191</td>
</tr>
<tr>
<td></td>
<td>Local (under 50 miles)</td>
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<td>9</td>
<td>21</td>
<td>33</td>
<td>0</td>
<td>25</td>
<td>248</td>
</tr>
<tr>
<td>Eastern</td>
<td>Overnight</td>
<td>52</td>
<td>8</td>
<td>17</td>
<td>50</td>
<td>3</td>
<td>26</td>
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<td>9</td>
<td>18</td>
<td>3</td>
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<td>Overnight</td>
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<td>125</td>
<td>25</td>
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Note: Trip estimates are for Oregon residents and nonresidents. Detail may not add to total due to rounding. Source: Dean Runyan Associates.
### Table C-2. Saltwater Fishing Trips in Oregon by Type of Fish (in Thousands), 2008

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<td>Overnight</td>
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<td>12</td>
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<td></td>
</tr>
<tr>
<td>Overnight</td>
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<td>31</td>
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<tr>
<td>Day (50+ miles)</td>
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*.... Sample size too small to report data reliably.*

*Note: Trip estimates are for Oregon residents and nonresidents. Detail may not add to total due to rounding.*
*Source: Dean Runyan Associates.*

### Table C-3. Shellishing Trips in Oregon by Type of Harvest (in Thousands), 2008

<table>
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<th>Crabs</th>
<th>Razor Clams</th>
<th>Bay Clams</th>
<th>Mussels</th>
<th>Rock Scallops</th>
<th>Sand/Mud Shrimps</th>
<th>Other</th>
<th>Total</th>
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<td></td>
</tr>
<tr>
<td>Overnight</td>
<td>30</td>
<td>19</td>
<td>10</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>63</td>
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<tr>
<td>Day (50+ miles)</td>
<td>26</td>
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<td>7</td>
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<td>0</td>
<td>7</td>
<td>4</td>
<td>72</td>
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<td>0</td>
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<tr>
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<td>1</td>
<td>64</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>6</td>
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<td>1</td>
<td>19</td>
</tr>
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</table>

*.... Sample size too small to report data reliably.*

*Note: Trip estimates are for Oregon residents and nonresidents. Detail may not add to total due to rounding.*
*Source: Dean Runyan Associates.*
### Table C-4. Hunting Trips in Oregon by Type of Game (in Thousands), 2008

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<th>Region</th>
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<th>Elk</th>
<th>Other Big Game</th>
<th>Game Birds</th>
<th>Waterfowl</th>
<th>Wild Turkey</th>
<th>Other</th>
<th>Total</th>
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<td></td>
<td></td>
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<tr>
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<td>2</td>
<td>1</td>
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<td>0</td>
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<td>0</td>
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Note: Sample size too small to report data reliably.

Source: Dean Runyan Associates.
### Table C-5. Wildlife Viewing Trips in Oregon by Type of Wildlife Viewed (in Thousands), 2008

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<th>Birds</th>
<th>Land Animals*</th>
<th>Marine Mammals</th>
<th>Tidepools</th>
<th>Fish</th>
<th>Reptiles</th>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>192</td>
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* Land Animals include deer, elk, bear, squirrels, chipmunks.
... Sample size too small to report data reliably.

Note: Trip estimates are for Oregon residents and nonresidents. Detail may not add to total due to rounding.
Source: Dean Runyan Associates.
### Table C-6. Days of Participation in Oregon by Type of Activity (in Thousands), 2008

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<th>Region</th>
<th>Fishing</th>
<th>Shellfish</th>
<th>Saltwater</th>
<th>Freshwater</th>
<th>Hunting</th>
<th>Wildlife</th>
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<td>2,156</td>
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</table>

Note: Days of participation are for Oregon residents and nonresidents. Detail may not add to total due to rounding. Source: Dean Runyan Associates.
APPENDIX D

Detailed Questionnaires
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Dear Angler License Holder:

The Oregon Department of Fish and Wildlife and the Oregon Tourism Commission are sponsoring an economic survey on the importance of wildlife related recreation to Oregon’s economy. Information gathered from this survey will help increase the understanding of the economic impact anglers have on Oregon’s economy. The results will also help ODFW, the Oregon Fish and Wildlife Commission and local governments to more accurately identify the potential economic impacts of changes in wildlife management activities and will help ensure continued hunting, fishing and wildlife viewing opportunities in Oregon.

As a 2008 Oregon angler license holder, we ask that you help us by providing information about your fishing experience(s) in Oregon. The answers you supply will be used for statistical purposes only and will be kept strictly confidential.

Your thoughtful responses to the survey questions are important and even if you have not yet fished in 2008, please complete the applicable question(s) and return the survey in the prepaid envelope provided. Deadline for returning the questionnaire is October 31, 2008.

Thank you in advance for taking the time to thoughtfully complete this survey.

Sincerely,

Roy Elicker
Director of ODFW

For the purposes of answering the following questions, “Fishing Trip” is defined as:

You left your house and during the time you were away, spent at least some time fishing before returning home; include both day and overnight trips.

1. Did you fish in Oregon during the six months from April 2008 through September 2008?
   - No (If your answer is no, please go to question #16)
   - Yes

2. Did you take any saltwater fishing trips in Oregon between April 2008 and September 2008?
   - No (If your answer is no, please go to question #3)
   - Yes →
     - Number of Overnight saltwater fishing trips
     - Number of day trips — 50 or more miles from residence
     - Number of local trips — less than 50 miles from residence
     - Number of Total Saltwater Fishing Days
     - Number Days using a paid guide or outfitter -saltwater trips only
3. Did you take any freshwater fishing trips in Oregon between April 2008 and September 2008? (Please do not include any trips mentioned in Question #2)

☐ No
☐ Yes  
  Number of Overnight freshwater fishing trips   _____ # overnight trips-freshwater
  Number of day trips — 50 or more miles from residence   _____ # 50+mile day trips-freshwater
  Number of local trips — less than 50 miles from residence   _____ # local trips-freshwater
  Number of Total Freshwater Fishing Days   _____ # total freshwater fishing days
  Number Days using a paid guide or outfitter -freshwater trips only   _____ # days using guide-freshwater trips

Please tell us about a single specific overnight fishing trip that is most typical of any overnight trips that you may have taken from April 2008 through September 2008.

☐ No Overnight Trips – (If your answer is no, please go to question #10a)

4a. How many nights did you stay overnight in Oregon on this particular trip?   _____ # number of nights

4b. Using the community list on the back page (pg. 4), please write the number of the community (or nearest community) where you stayed overnight (if you stayed in more than one place please indicate your PRIMARY location):

   _____ # of community

4c. Approximately how many miles, (one way) from your residence did you travel on this overnight trip?

   _____ # miles one way

4d. What type of accommodations in Oregon did you use while on this particular trip? (Check all that apply)

☐ Hotel, motel, lodge, bed and breakfast, rented home/cabin
☐ Home of friends/relatives
☐ Your own second home
☐ Campground/camping

5. For this overnight trip, was fishing: (Check the one that best applies)

☐ Primary reason for trip
☐ One of several reasons for this trip
☐ An incidental activity while on this trip

6. Which of the following best describes the people that accompanied you on this trip: (Check the one that best applies)

☐ My immediate family only
☐ Other adult friend(s)
☐ Multiple families
☐ Just myself
☐ Other (specify) ________________________________

7. How many people were in your travel group on this overnight fishing trip?
(Count yourself but do not include other families or fishing partners/buddies who paid their own expenses.)

   _____ # of adults (age 18 years or older)   _____ # adults with fishing license
   _____ # of children (age 17 or younger)

8. Please indicate the species fished for during this overnight trip. (Check all that apply)

Freshwater

☐ Bass/Warm water
☐ Salmon
☐ Steelhead
☐ Other ______________

Marine/Saltwater

☐ Sturgeon
☐ Trout
☐ Other ______________

☐ Halibut
☐ Perch
☐ Rock/Bottom
☐ Other ______________
9. Please estimate the dollar amount spent by the group you traveled with that shared expenses for an average day (total # of people in your answer to Q.7.) Please check “No Expenses” if you had no expenses for an item.

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<th>Single Specific Overnight Fishing Trip Expenses</th>
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<th>Average Expenses per travel group</th>
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</tr>
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<td><strong>Groceries, snacks</strong> (groceries, liquor and snacks/food from a store)</td>
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</tr>
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</tr>
<tr>
<td><strong>Other Retail</strong> (bait, lures, gifts, clothing, souvenirs, etc.)</td>
<td>☐</td>
<td>$ _____ per day</td>
</tr>
<tr>
<td><strong>Other Recreation &amp; Entertainment</strong> (access fees, boat rental, admission fees, golf, etc.)</td>
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<td>$ _____ per day</td>
</tr>
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<td>$ _____ total amount</td>
</tr>
<tr>
<td><strong>Paid Guide, Charter or Outfitter Fees</strong> (total paid on this trip)</td>
<td>☐</td>
<td>$ _____ total amount</td>
</tr>
</tbody>
</table>

Please tell us about a **single specific day fishing trip** that is most typical of any day trips that you may have taken from April 2008 through September 2008.

☐ No Day Trips – (Please go to Question #16)

10a. Using the community list on the back page (page 4), please write the number of the community (or closest community) to where you made the most trip-related purchases (e.g., restaurants, food stores, gasoline, etc).  _____ # of community

10b. Approximately how many miles, (one way) from your residence did you travel on this day trip?  _____ # miles one way

11. For this day trip, was fishing: (Check **✓ the one that best applies**)

☐ Primary reason for trip  ☐ One of several reasons for this trip  ☐ An incidental activity while on this trip

12. Which of the following best describes the people that accompanied you on this day trip: (Check **✓ the one that best applies**)

☐ My immediate family only  ☐ Other adult friend(s)  ☐ Multiple families  ☐ Just myself  ☐ Other (specify) ______________________

13. How many people were in your travel group on this day trip? (Count yourself but do not include other families or fishing partners/buddies who paid their own expenses.)

_____ # of **adults** (age 18 years or older)  ↗  _____ # adults with fishing license

_____ # of **children** (age 17 or younger)

14. Please indicate the species fished for during this day trip. (Check **✓ all that apply**)

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<thead>
<tr>
<th>Freshwater</th>
<th>Marine/Saltwater</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Bass/Warm water</td>
<td>☐ Halibut</td>
</tr>
<tr>
<td>☐ Salmon</td>
<td>☐ Perch</td>
</tr>
<tr>
<td>☐ Steelhead</td>
<td>☐ Rock/Bottom Fish</td>
</tr>
<tr>
<td>☐ Other __________</td>
<td>☐ Other __________</td>
</tr>
</tbody>
</table>
15. Please estimate the dollar amount spent by the group you traveled with that shared expenses for the day. (total # of people in your answer to Q. 13) Please check □ “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Single Specific Day Fishing Trip Expenses</th>
<th>No Expenses</th>
<th>Average Expenses per travel group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restaurants/Bars/Lounges (food/drink in restaurants and nightclubs, bars)</td>
<td>$ _______ for the day</td>
<td></td>
</tr>
<tr>
<td>Groceries, snacks (groceries, liquor and snacks/food from a store)</td>
<td>$ _______ for the day</td>
<td></td>
</tr>
<tr>
<td>Fuel/Gas/Transportation/Parking (car rental, fuel/gas for auto/boat/truck)</td>
<td>$ _______ for the day</td>
<td></td>
</tr>
<tr>
<td>Other Retail (bait, lures, gifts, clothing, souvenirs, etc.)</td>
<td>$ _______ for the day</td>
<td></td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment (access fees, boat rental, admission fees, golf, etc.)</td>
<td>$ _______ for the day</td>
<td></td>
</tr>
<tr>
<td>Paid Guide, Charter or Outfitter Fees</td>
<td>$ _______ for the day</td>
<td></td>
</tr>
</tbody>
</table>

16. During the six months from April 2008 through September 2008, how much did your household spend in total in Oregon for the following items? (Please estimate the dollar amount as closely as possible.) Please check □ “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Total Household Expenditures</th>
<th>No Expenses</th>
<th>Expenses per household</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fishing Equipment (rods, reels, poles, lines, tackle, lures, electronics, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Clothing (waders, boots, vests, raingear, hats, gloves, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Related Equipment (camping equipment, safety gear, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Specialized Equipment (boats, campers, ATV, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Other Retail (processing, taxidermy costs, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
</tbody>
</table>

17. Which of the following includes your total family income (before taxes) in 2007? (Check □ one answer only)

- □ Under $25,000
- □ $25,000-$49,999
- □ $50,000-$74,999
- □ $75,000-$99,999
- □ $100,000 or more

18. Please check your highest education level. (Check □ one answer only)

- □ Some high school or high school diploma
- □ Bachelors degree
- □ Some college or 2-year degree
- □ Advanced degree

19. What is your preferred way of communication with ODFW for information on fishing? (Check □ one answer only)

- □ Email (please provide)
- □ ODFW Website
- □ ODFW printed brochures or publications
- □ Direct Mail
- □ Information at license vendors
- □ Other (specify)
Dear Hunting License Holder:

The Oregon Department of Fish and Wildlife and the Oregon Tourism Commission are sponsoring an economic survey on the importance of wildlife related recreation to Oregon’s economy. Information gathered from this survey will help increase the understanding of the economic impact hunters have on Oregon’s economy. The results will also help ODFW, the Oregon Fish and Wildlife Commission and local governments to more accurately identify the potential economic impacts of changes in wildlife management activities and will help ensure continued hunting, fishing and wildlife viewing opportunities in Oregon.

As a 2007 and/or 2008 Oregon hunting license holder, we ask that you help us by providing information about your hunting experience(s) in Oregon. The answers you supply will be used for statistical purposes only and will be kept strictly confidential.

Your thoughtful responses to the survey questions are important and even if you have not hunted in 2007 or 2008, please complete the applicable question(s) and return the survey in the prepaid envelope provided. Deadline for returning the questionnaire is May 19, 2008.

Thank you in advance for taking the time to thoughtfully complete this survey.

Sincerely,

Roy Elicker
Director of ODFW

For the purposes of answering the following questions, “Hunting Trip” is defined as:

You left your house and during the time you were away, spent at least some time hunting before returning home; include both day and overnight trips.

1. Did you hunt in Oregon during the twelve months from March 2007 through February 2008?

☐ No (If your answer is no, please go to question # 14)

☐ Yes ➔ Number of Overnight Trips
   Number of Day Trips — 50 or more miles from residence
   Number of Local Trips — less than 50 miles from residence
   Number of Total Hunting Days
   Number Days using a paid guide or outfitter
Please tell us about a single specific overnight hunting trip that is most typical of any overnight trips that you may have taken from March 2007 through February 2008.

☐ No Overnight Trips – (If your answer is no, please go to question # 8)

2a. How many nights did you stay overnight in Oregon on this particular trip? _______ # number of nights
2b. Using the community list on the back page (pg. 4), please write the number of the community (or nearest community) where you stayed overnight (if you stayed in more than one place please indicate your PRIMARY location):
   ______________ # of community
2c. Approximately how many miles, (one way) from your residence did you travel on this overnight trip?
   ______________ # miles one way
2d. What type of accommodations in Oregon did you use while on this particular trip? (Check all that apply)
   ■ Hotel, motel, lodge, bed and breakfast, rented home/cabin
   ■ Your own second home
   ■ Home of friends/relatives
   ■ Campground/camping

3. For this overnight trip, was hunting: (Check the one that best applies)
   ■ Primary reason for trip
   ■ One of several reasons for this trip
   ■ An incidental activity while on this trip

4. Which of the following best describes the people that accompanied you on this trip: (Check the one that best applies)
   ■ My immediate family only
   ■ Other adult friend(s)
   ■ Multiple families
   ■ Just myself
   ■ Other (specify) ____________________________

5. How many people were in your travel group on this overnight hunting trip?
   (Count yourself but do not include other families or hunting partners/buddies who paid their own expenses.)
   _______ # of adults (age 18 years or older) ➔ _______ # adults with hunting license
   _______ # of children (age 17 or younger)

6. Please indicate the species hunted during this overnight trip. (Check all that apply)
   ■ Deer
   ■ Elk
   ■ Waterfowl
   ■ Upland game birds
   ■ Other big game (specify) ____________________________
   ■ Wild turkey
   ■ Other (specify) ____________________________

7. Please estimate the dollar amount spent by the group you traveled with that shared expenses for an average day
   (total # of people in your answer to Q. 5.) Please check ☑ “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Single Specific Overnight Hunting Trip Expenses</th>
<th>No Expenses</th>
<th>Average Expenses per travel group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodations (hotel, motel room rentals, campground fees)</td>
<td>☐ $ _______ per day</td>
<td>$ _______ per day</td>
</tr>
<tr>
<td>Restaurants/Bars/Lounges (food/drink in restaurants and nightclubs, bars)</td>
<td>☐ $ _______ per day</td>
<td></td>
</tr>
<tr>
<td>Groceries, snacks (groceries, liquor, and snacks/food from a store)</td>
<td>☐ $ _______ per day</td>
<td></td>
</tr>
<tr>
<td>Fuel/Gas/Transportation/Parking (car rental, fuel/gas for auto/boat/truck)</td>
<td>☐ $ _______ per day</td>
<td></td>
</tr>
<tr>
<td>Other Retail (ammunition, game bags, gifts, clothing, souvenirs, etc.)</td>
<td>☐ $ _______ per day</td>
<td></td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment (access fees, boat rental, admission fees, golf, etc.)</td>
<td>☐ $ _______ per day</td>
<td></td>
</tr>
<tr>
<td>Airfare (please provide total roundtrip airfare paid)</td>
<td>☐ $ _______ total amount</td>
<td></td>
</tr>
<tr>
<td>Paid Guide, Charter or Outfitter Fees (total paid on this trip)</td>
<td>☐ $ _______ total amount</td>
<td></td>
</tr>
</tbody>
</table>
Please tell us about a **single specific day hunting trip** that is most typical of **any** day trips that you may have taken from March 2007 through February 2008.

- **No Day Trips** – (Please go to Question # 14)

8a. Using the community list on the back page (page 4), please write the **number** of the community (or closest community) to where you made the **most** trip-related purchases (e.g., restaurants, food stores, gasoline, etc). 

8b. Approximately how many miles, **one way** from your residence did you travel on this day trip? 

9. For this day trip, was hunting: (Check **✓ the one that best applies**)

- Primary reason for trip
- One of several reasons for this trip
- An incidental activity while on this trip

10. Which of the following best describes the people that accompanied you on this day trip: (Check **✓ the one that best applies**)

- My immediate family only
- Other adult friend(s)
- Multiple families
- Just myself
- Other (specify) 

11. How many people were in your travel group on this day trip? (Count yourself but do not include other families or hunting partners/buddies who paid their own expenses.)

   - _____ # of adults (age 18 years or older)  
   - _____ # adults with hunting license  
   - _____ # of children (age 17 or younger)

12. Please indicate the species hunted during this day trip. (Check **✓ all that apply**)

- Deer
- Elk
- Other big game (specify)
- Waterfowl
- Upland game birds
- Wild turkey
- Other (specify)

13. Please estimate the dollar amount spent by the **group you traveled with** that shared expenses for the day. (total # of people in your answer to Q. 11) Please check **✓ “No Expenses”** if you had no expenses for an item.

   **Single Specific Day Hunting Trip Expenses**

<table>
<thead>
<tr>
<th>Expense Category</th>
<th>No Expenses</th>
<th>Average Expenses per travel group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restaurants/Bars/Lounges (food/drink in restaurants and nightclubs, bars)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Groceries, snacks (groceries, liquor, and snacks/food from a store)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Fuel/Gas/Transportation/Parking (car rental, fuel/gas for auto/boat/truck)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Other Retail (ammunition, game bags, gifts, clothing, souvenirs, etc.)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Other Recreation &amp; Entertainment (access fees, boat rental, admission fees, golf, etc.)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Paid Guide, Charter or Outfitter Fees</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
</tbody>
</table>
14. During the twelve months from March 2007 through February 2008, how much did your household spend in total in Oregon for the following items? (Please estimate the dollar amount as closely as possible.) Please check “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Total Household Expenditures</th>
<th>No Expenses</th>
<th>Expenses per household</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting Equipment (firearms, bows/arrows, telescopic sights, decoys, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Clothing (waders, boots, vests, raingear, hats, gloves, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Related Equipment (camping equipment, safety gear, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Specialized Equipment (boats, campers, ATV, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
<tr>
<td>Other Retail (meat processing, taxidermy costs, etc.)</td>
<td>$ _______ total</td>
<td></td>
</tr>
</tbody>
</table>

15. Which of the following includes your total family income (before taxes) in 2007? (Check *one answer only*)

- Under $25,000
- $25,000-$49,999
- $50,000-$74,999
- $75,000-$99,999
- $100,000 or more

16. Please check your highest education level. (Check *one answer only*)

- Some high school or high school diploma
- Bachelors degree
- Some college or 2-year degree
- Advanced degree

17. What is your preferred way of communication with ODFW for information on hunting? (Check *one answer only*)

- Email (please provide) ________________________________
- ODFW Website
- ODFW printed brochures or publications
- Direct Mail
- Information at license vendors
- Other (specify)

Community List ➔ Use For Questions # 2b and # 8a

North Coast
- 2 Cannon Beach
- 3 Manzanita/Nehalem
- 4 Sea side/Gearhart
- 5 Tillamook/Bay City
- 6 Pacific City

Central Coast
- 7 Florence/Dunes City
- 8 Lincoln City/Depoe Bay
- 9 Newport/Waldport
- 10 Reedsport

South Coast
- 11 Bandon
- 12 Brookings
- 13 Coos Bay/North Bend
- 14 Gold Beach/Port Orford

Willamette Valley/Cascades
- 16 Corvallis/Philomath
- 17 Dallas/Monmouth
- 18 Detroit
- 19 Eugene/Springfield/Cottage Grv.
- 20 McMinnville/Newberg
- 21 Molalla
- 22 Oakridge/Westfir
- 23 Salem/Keizer
- 24 Silverton/Mt. Angel
- 25 Sweet Home/Mill City

Portland Metro/Columbia
- 26 Beaverton/Hillsboro/Tigard
- 27 Forest Grove/Banks
- 28 Oregon City/Wilsonville
- 29 Portland/Gresham
- 30 St. Helens/Rainier/Scappoose
- 31 Sauvie Island

Southern
- 33 Grants Pass/Cave Juncti
- 34 Klamath Falls
- 35 Lakeview/Paisley
- 36 Medford/ Ashland
- 37 Roseburg/Canyonville

Central
- 38 Bend/Redmond
- 39 Madras/Metolius
- 40 Maupin
- 41 Prineville
- 42 Sisters

Mt. Hood/Gorge
- 43 Hood River/Cascade Locks
- 44 Sandy/Estacada/Welches
- 45 The Dalles
- 46 Troutdale

Eastern
- 48 Baker City
- 49 Boardman/Heppner
- 50 Burns/Hines
- 51 Enterprise/Joseph
- 52 Fossil/Mitchell

John Day/Prairie City
- 53 John Day/Prairie City

La Grande/Elgin
- 54 La Grande/Elgin

Ontario/Vale
- 55 Ontario/Vale

Pendleton/Hermiston
- 56 Pendleton/Hermiston

Wasco/Moro/Grass Valley
- 57 Wasco/Moro/Grass Valley

If there is anything else that you would like to share with ODFW, please use the space below:
Dear Shellfish License Holder:

The Oregon Department of Fish and Wildlife and the Oregon Tourism Commission are sponsoring an economic survey on the importance of wildlife related recreation to Oregon’s economy. Information gathered from this survey will help increase the understanding of the economic impact that crabbing, clamming and other shellfishing have on Oregon’s economy. The results will also help ODFW, the Oregon Fish and Wildlife Commission and local governments to more accurately identify the potential economic impacts of changes in wildlife management activities and will help ensure continued hunting, fishing, shellfishing, and wildlife viewing opportunities in Oregon.

As a 2007 and/or 2008 Oregon shellfish license holder, we ask that you help us by providing information about your shellfishing experience(s) in Oregon. The answers you supply will be used for statistical purposes only and will be kept strictly confidential.

Your thoughtful responses to the survey questions are important and even if you have not taken a crab, clam or other shellfish trip in 2007 or 2008, please complete the applicable question(s) and return the survey in the prepaid envelope provided. Deadline for returning the questionnaire is October 20, 2008.

Thank you in advance for taking the time to thoughtfully complete this survey.

Sincerely,

Roy Elicker
Director of ODFW

For the purposes of answering the following questions, “Crab, Clam or Other Shellfish Trip” is defined as:

You left your house and during the time you were away, spent at least some time shellfishing before returning home; include both day and overnight trips.

1. Did you participate in crabbing, clamming or other shellfish harvesting in Oregon during the twelve months from September 1, 2007 through September 1, 2008?
   □ No (If your answer is no, please go to question # 14)
   □ Yes →
   Number of Overnight Trips
   Number of Day Trips — 50 or more miles from residence
   Number of Local Trips — less than 50 miles from residence
   Number of Total Shellfish Days
   Number Days using a paid guide or outfitter
   _____ # overnight trips
   _____ # 50+ mile day trips
   _____ # local trips
   _____ # total days shellfishing
   _____ # days using guide
Please tell us about a single specific overnight crab, clam or other shellfish trip in Oregon that is most typical of any overnight trips that you may have taken from September 1, 2007 through September 1, 2008.

☐ No Overnight Trips – (If your answer is no, please go to question # 8)

2a. How many nights did you stay overnight in Oregon on this particular trip? _____ # number of nights

2b. Using the community list on the back page (page 4), please write the number of the community (or closest community) where you stayed overnight: (if you stayed in more than one place please indicate your PRIMARY location) _____ # of community

2c. Approximately how many miles, (one way) from your residence did you travel on this overnight trip?

_____ # miles one way

2d. What type of accommodations in Oregon did you use while on this particular trip? (Check all that apply)

☐ Hotel, motel, lodge, bed and breakfast, rented home/cabin
☐ Home of friends/relatives
☐ Your own second home
☐ Campground/camping

3. For this overnight trip, was shellfishing? (Check the one that best applies)

☐ Primary reason for trip
☐ One of several reasons for this trip
☐ An incidental activity while on this trip

4. Which of the following best describes the people that accompanied you on this trip? (Check the one that best applies)

☐ My immediate family only
☐ Other adult friend(s)
☐ Multiple families
☐ Just myself
☐ Other (specify) ________________

5. How many people were in your travel group on this overnight shellfishing trip? (Count yourself but do not include other families or partners/buddies who paid their own expenses.)

_____ # of adults (age 18 years or older) ➔ _____ # adults with shellfish license

_____ # of children (age 17 or younger)

6. Please indicate the species harvested during this overnight trip: (Check all that apply)

☐ Crabs
☐ Bay clams
☐ Razor clams
☐ Sand/mud shrimp
☐ Mussels
☐ Abalone
☐ Rock scallops
☐ Other (specify) ________________

7. Please estimate the dollar amount spent by the group you traveled with that shared expenses for an average day. (total # of people in your answer to Q. 5) Please check “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Single Specific Overnight Shellfishing Trip Expenses</th>
<th>No Expenses</th>
<th>Average Expenses per travel group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accommodations (hotel, motel room rentals, campground fees)</td>
<td>☐ $ ______ per day</td>
<td></td>
</tr>
<tr>
<td>Restaurants/Bars/Lounges (food/drink in restaurants and nightclubs, bars)</td>
<td>☐ $ ______ per day</td>
<td></td>
</tr>
<tr>
<td>Groceries, snacks (groceries, liquor, and snacks/food from a store)</td>
<td>☐ $ ______ per day</td>
<td></td>
</tr>
<tr>
<td>Fuel/Gas/Transportation/Parking (car rental, fuel/gas for auto/boat/truck)</td>
<td>☐ $ ______ per day</td>
<td></td>
</tr>
<tr>
<td>Other Retail (bait, traps, gifts, clothing, souvenirs, dive shop, etc.)</td>
<td>☐ $ ______ per day</td>
<td></td>
</tr>
<tr>
<td>Other Recreational &amp; Entertainment (access fees, boat rental, admission fees, golf, etc.)</td>
<td>☐ $ ______ per day</td>
<td></td>
</tr>
<tr>
<td>Airfare (please provide total roundtrip airfare paid)</td>
<td>☐ $ ______ total amount</td>
<td></td>
</tr>
<tr>
<td>Paid Guide, Charter or Outfitter Fees (total paid on this trip)</td>
<td>☐ $ ______ total amount</td>
<td></td>
</tr>
</tbody>
</table>
Please tell us about a single specific crab, clam or other shellfish day trip that is most typical of any day trips that you may have taken from September 1, 2007 through September 1, 2008.

☐ No Day Trips – (Please go to Question # 14)

8a. Using the community list on the back page (page 4), please write the number of the community (or closest community) to where you made the most trip-related purchases (e.g., restaurants, food stores, gasoline, etc.) # of community

8b. Approximately how many miles, (one way) from your residence did you travel on this day trip?  # miles one way

9. For this day trip, was shellfishing? (Check the one that best applies)
   - Primary reason for trip
   - One of several reasons for this trip
   - An incidental activity while on this trip

10. Which of the following best describes the people that accompanied you on this day trip? (Check the one that best applies)
   - My immediate family only
   - Other adult friend(s)
   - Multiple families
   - Just myself
   - Other (specify)

11. How many people were in your travel group on this day trip? (Count yourself but do not include other families or partners/buddies who paid their own expenses.)
    - # of adults (age 18 years or older) ➔ # adults with shellfish license
    - # of children (age 17 or younger)

12. Please indicate the species harvested during this day trip: (Check all that apply)
   - Crabs
   - Mussels
   - Bay clams
   - Razor clams
   - Sand/mud shrimp
   - Abalone
   - Rock scallops
   - Other (specify)

13. Please estimate the dollar amount spent by the group you traveled with that shared expenses for the day. (total # of people in your answer to Q. 11) Please check “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Single Specific Day Shellfishing Trip Expenses</th>
<th>No Expenses</th>
<th>Average Expenses per travel group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restaurants/Bars/Lounges (food/drink in restaurants and nightclubs, bars)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Groceries, snacks (groceries, liquor, and snacks/food from a store)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Fuel/Gas/Transportation/Parking (car rental, fuel/gas for auto/boat/truck)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Other Retail (traps, bait, gifts, clothing, souvenirs, dive shop, etc.)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Other Recreational &amp; Entertainment (access fees, boat rental, admission fees, golf, etc.)</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
<tr>
<td>Paid Guide, Charter or Outfitter Fees</td>
<td>☐</td>
<td>$ _____ for the day</td>
</tr>
</tbody>
</table>
14. During the twelve months from September 1, 2007 through September 1, 2008, how much did your household spend in total in Oregon for the following items? (Please estimate the dollar amount as closely as possible.) Please check  “No Expenses” if you had no expenses for an item.

<table>
<thead>
<tr>
<th>Total Household Expenditures</th>
<th>No Expenses</th>
<th>Expenses per household</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shellfish Equipment (traps, buoys, shovel, rakes, nets, clam bags, rings, etc.)</td>
<td>☐</td>
<td>$ ______ total</td>
</tr>
<tr>
<td>Clothing (waders, boots, vests, raingear, hats, gloves, etc.)</td>
<td>☐</td>
<td>$ ______ total</td>
</tr>
<tr>
<td>Related Equipment (camping equipment, safety gear, etc.)</td>
<td>☐</td>
<td>$ ______ total</td>
</tr>
<tr>
<td>Specialized Equipment (boats, campers, ATV, SCUBA, etc.)</td>
<td>☐</td>
<td>$ ______ total</td>
</tr>
<tr>
<td>Other Retail (meat processing, propane, etc.)</td>
<td>☐</td>
<td>$ ______ total</td>
</tr>
</tbody>
</table>

15. Which of the following includes your total family income (before taxes) in 2007? (Check √ one answer only)

☐ Under $25,000  ☐ $25,000-$49,999  ☐ $50,000-$74,999  ☐ $75,000-$99,999  ☐ $100,000 or more

16. Please check your highest education level: (Check √ one answer only)

☐ Some high school or high school diploma  ☐ Bachelors degree
☐ Some college or 2-year degree  ☐ Advanced degree

17. What is your preferred way of communication with ODFW for information on shellfishing? (Check √ one answer only)

☐ Email (please provide) ___________________________________________  ☐ ODFW Website
☐ ODFW printed brochures or publications  ☐ Direct Mail
☐ Information at license vendors  ☐ Other (specify) ___________________
APPENDIX E

Sample Design
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Appendix E describes the sampling design for the study and describes the approach taken to produce findings from the completed questionnaires. For each recreation activity, the sample design and timing of the questionnaire mailings and telephone interviews (in the case of wildlife viewing participants) was designed to provide the seasonal data most appropriate to represent each recreation activity, which was then reported as findings for calendar year 2008.

Fishing

The sample of self-administered questionnaires for fishing was mailed in two waves in order to collect detailed data for a twelve-month period October, 2007 through September, 2008: First, in May, 2008 for activity that occurred from October, 2007 - March, 2008 (fall/winter season), and next in November, 2008 for activity that occurred from April - September, 2008 (spring/summer season). The sample was randomly selected from the ODFW fishing license database after adjusting in order to eliminate duplicate mailing addresses. A sample of 24,911 questionnaires was received (via mail) by Oregon residents and nonresidents from the ODFW fishing license database. The sample was stratified in order to obtain a reliable sample of both Oregon residents and nonresidents. Approximately 4,533 questionnaires were returned for a response rate of 18 percent.

Wildlife Viewing

The sample was selected through a random digit-dial telephone survey (to include non-listed and unpublished telephone numbers) of Oregon resident 18 years and older. The sample of telephone interview was conducted in four waves to coincide with each season with the first wave conducted in March, 2008 to capture wildlife viewing activity during the winter months of the year (Dec.-Feb.), the second wave conducted in June, 2008 to capture spring activity (Mar.-May), the third wave conducted in September, 2008 to capture summer activity (Jun.-Aug.), and the final wave conducted in December, 2008 to capture fall activity (Sep.-Nov.). A sample of 1,624 Oregon residents agreed to be interviewed and 1,000 interviews were completed for a response rate of 62%. In addition, the sample was stratified geographically in order to obtain a representative sample of residents throughout the state.

Hunting

The sample of self-administered questionnaires for hunting was mailed in one wave (in March, 2008) to collect detailed data for hunting activity that occurred during the twelve-month period from March 2007 through February 2008. The sample was randomly selected from the ODFW hunting license database after adjusting in order to eliminate duplicate mailing addresses. A sample of 19,833 questionnaires was received (via mail) by Oregon residents and nonresidents from the ODFW hunting license database. The sample was stratified in order to obtain a reliable sample of both Oregon residents and nonresidents. Approximately 5,200 questionnaires were returned for a response rate of 26 percent.

Shellfishing

The sample of self-administered questionnaires for shellfish harvesting was mailed in one wave (in September, 2008) to collect detailed data for shellfish harvest activity that occurred during the twelve-month period from September 2007 through August 2008. The sample was randomly selected from the ODFW shellfish license database after adjusting in order to eliminate duplicate mailing addresses. A sample of 3,224 questionnaires was received (via mail) by Oregon residents and nonresidents from the ODFW hunting license database. The sample was stratified in order to obtain a reliable sample of both Oregon residents and nonresidents. Approximately 1,000 questionnaires were returned for a response rate of 35 percent.
Geographic Allocation

Detailed findings for number of trips, days of participation, and expenditures are based on an allocation of the total number of trips taken during twelve-month period, as reported by the participants. Trip expenditure data was applied to locations throughout the state (regions and counties) based on the community (or nearest community) reported for as the primary location where participant spent the night overnight stay or in the case of day trip, the community where the most trip-related purchases were made.

Confidence Levels

Generally, representative samples of 1,000 or more provide very reliable results. Confidence levels for respondent segments are shown in the table below.

<table>
<thead>
<tr>
<th>Segment</th>
<th>Sample Size</th>
<th>90% Level (±)</th>
<th>95% Level (±)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunters</td>
<td>5,200</td>
<td>1.2</td>
<td>1.4</td>
</tr>
<tr>
<td>Fishers</td>
<td>4,533</td>
<td>1.3</td>
<td>1.5</td>
</tr>
<tr>
<td>Shellfishers</td>
<td>1,122</td>
<td>2.6</td>
<td>3.0</td>
</tr>
<tr>
<td>OR Households</td>
<td>1,000</td>
<td>2.6</td>
<td>3.1</td>
</tr>
</tbody>
</table>

Nonresponse Bias

The effect of nonresponse error was measured directly through the use of telephone interviews for each of the three recreation activities that were reported through use the self administered questionnaires (fishing, hunting, and shellfishing). Telephone interviews were conducted for a random sample of nonrespondents (those who did not return a questionnaire) for each of the three segments. The sample of nonrespondents was 200 for fishing and hunting, and 100 for shellfish harvesting. Overall, responses for each of these groups were similar, in terms of trip characteristics and expenditures, to those reported by the initial respondents. Through these telephone interviews, additional detail was gathered with regard to where to the allocation of expenditures -- before, during, or in the community closest to where the recreation activity occurred. The additional information was used to allocate expenditures at the regional and county-level.