
The Economic Importance of Alaska's Wildlife in 2011

May 2014

Appendix J: IMPLAN Results

Prepared for:

The Alaska Department of Fish and Game



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Appendix J – IMPLAN Results

Economic Impacts Associated with Hunting (Residents and Visitors), by Region of Impact

	North	Interior	Southwest	Southcentral	Southeast	Unknown Region	Alaska Total	Percent of Category
Output (millions of dollars)	\$64.2	\$244.6	\$138.5	\$466.7	\$76.7	\$335.8	\$1,326.5	100%
Direct	\$50.9	\$171.2	\$112.2	\$254.3	\$57.1	\$221.7	\$867.6	65%
Indirect	\$9.2	\$44.0	\$14.2	\$131.1	\$11.0	\$66.1	\$275.7	21%
Induced	\$4.1	\$29.4	\$12.0	\$81.2	\$8.6	\$48.0	\$183.3	14%
Percent of Total	5%	18%	10%	35%	6%	25%	100%	
Labor Income (millions of dollars)	\$23.7	\$81.1	\$47.8	\$161.3	\$29.6	\$113.7	\$457.2	100%
Direct	\$19.4	\$61.8	\$40.7	\$99.5	\$22.9	\$78.4	\$322.7	71%
Indirect	\$3.0	\$10.3	\$3.8	\$34.8	\$3.9	\$19.7	\$75.4	16%
Induced	\$1.3	\$8.9	\$3.3	\$27.0	\$2.8	\$15.6	\$59.0	13%
Percent of Total	5%	18%	10%	35%	6%	25%	100%	
Jobs	402	1,576	812	2,869	543	2,203	8,404	100%
Direct	321	1,140	618	1,832	393	1,527	5,832	69%
Indirect	56	222	113	484	82	340	1,297	15%
Induced	25	214	81	553	67	335	1,275	15%
Percent of Total	5%	19%	10%	34%	6%	26%	100%	
Government Rev. (millions of dollars)	\$6.3	\$19.8	\$13.1	\$39.9	\$6.4	\$26.9	\$112.4	100%
Direct	\$5.3	\$15.0	\$10.9	\$23.2	\$5.0	\$18.9	\$78.3	70%
Indirect	\$0.7	\$2.4	\$1.2	\$10.6	\$0.7	\$4.3	\$19.9	18%
Induced	\$0.3	\$2.3	\$1.0	\$6.2	\$0.7	\$3.6	\$14.1	13%
Percent of Total	6%	18%	12%	36%	6%	24%	100%	

Source: ECONorthwest

Notes: Totals may not equal the sum of the components due to rounding. Output, Labor Income, and Governmental Revenue values are rounded to the nearest hundred-thousand. Jobs are rounded to the nearest ten.

Economic Impacts Associated with Hunting by Residents, by Region of Impact

	North	Interior	Southwest	Southcentral	Southeast	Unknown Region	Alaska Total	Percent of Category
Output (millions of dollars)	\$55.3	\$224.4	\$113.8	\$436.2	\$63.1	\$218.4	\$1,111.3	100%
Direct	\$43.8	\$157.2	\$92.1	\$238.5	\$46.7	\$142.2	\$720.4	65%
Indirect	\$7.6	\$39.9	\$11.3	\$121.2	\$8.9	\$42.4	\$231.2	21%
Induced	\$4.0	\$27.3	\$10.5	\$76.6	\$7.6	\$33.8	\$159.7	14%
Percent of Total	5%	20%	10%	39%	6%	20%	100%	
Labor Income (millions of dollars)	\$22.4	\$75.0	\$41.4	\$152.1	\$25.6	\$79.2	\$395.8	100%
Direct	\$18.7	\$57.4	\$35.5	\$94.7	\$20.0	\$56.0	\$282.3	71%
Indirect	\$2.4	\$9.3	\$3.0	\$32.0	\$3.2	\$12.2	\$62.1	16%
Induced	\$1.3	\$8.3	\$2.9	\$25.5	\$2.4	\$11.0	\$51.4	13%
Percent of Total	6%	19%	10%	38%	6%	20%	100%	
Jobs	361	1,462	691	2,710	466	1,526	7,216	100%
Direct	290	1,064	530	1,745	340	1,084	5,052	70%
Indirect	46	200	91	443	67	206	1,053	15%
Induced	25	199	70	522	59	236	1,111	15%
Percent of Total	5%	20%	10%	38%	6%	21%	100%	
Government Rev. (millions of dollars)	\$5.5	\$18.3	\$10.9	\$37.7	\$5.4	\$18.1	\$96.0	100%
Direct	\$4.6	\$14.0	\$9.1	\$22.0	\$4.3	\$12.7	\$66.7	69%
Indirect	\$0.6	\$2.2	\$0.9	\$9.9	\$0.6	\$2.9	\$17.1	18%
Induced	\$0.3	\$2.1	\$0.9	\$5.8	\$0.6	\$2.6	\$12.3	13%
Percent of Total	6%	19%	11%	39%	6%	19%	100%	

Source: ECONorthwest

Notes: Totals may not equal the sum of the components due to rounding. Output, Labor Income, and Governmental Revenue values are rounded to the nearest hundred-thousand. Jobs are rounded to the nearest ten.

Economic Impacts Associated with Hunting by Visitors, by Region of Impact

	North	Interior	Southwest	Southcentral	Southeast	Unknown Region	Alaska Total	Percent of Category
Output (millions of dollars)	\$8.9	\$20.2	\$24.7	\$30.5	\$13.6	\$117.3	\$215.2	100%
Direct	\$7.2	\$14.0	\$20.2	\$15.9	\$10.5	\$79.5	\$147.2	68%
Indirect	\$1.7	\$4.1	\$3.0	\$10.0	\$2.1	\$23.7	\$44.5	21%
Induced	\$0.1	\$2.1	\$1.5	\$4.6	\$1.1	\$14.2	\$23.6	11%
Percent of Total	4%	9%	11%	14%	6%	55%	100%	
Labor Income (millions of dollars)	\$1.3	\$6.1	\$6.4	\$9.1	\$4.0	\$34.5	\$61.4	100%
Direct	\$0.7	\$4.4	\$5.2	\$4.8	\$2.9	\$22.4	\$40.4	66%
Indirect	\$0.5	\$1.1	\$0.8	\$2.8	\$0.7	\$7.5	\$13.4	22%
Induced	\$0.0	\$0.6	\$0.4	\$1.5	\$0.3	\$4.6	\$7.6	12%
Percent of Total	2%	10%	10%	15%	6%	56%	100%	
Jobs	41	114	121	159	77	677	1,188	100%
Direct	31	77	88	88	54	444	780	66%
Indirect	10	22	22	40	15	134	243	20%
Induced	0	15	10	31	8	99	164	14%
Percent of Total	3%	10%	10%	13%	6%	57%	100%	
Government Rev. (millions of dollars)	\$0.8	\$1.4	\$2.1	\$2.2	\$1.0	\$8.7	\$16.4	100%
Direct	\$0.7	\$1.0	\$1.8	\$1.2	\$0.8	\$6.2	\$11.7	71%
Indirect	\$0.1	\$0.2	\$0.2	\$0.7	\$0.1	\$1.5	\$2.9	18%
Induced	\$0.0	\$0.2	\$0.1	\$0.4	\$0.1	\$1.1	\$1.8	11%
Percent of Total	5%	9%	13%	14%	6%	53%	100%	

Source: ECONorthwest

Notes: Totals may not equal the sum of the components due to rounding. Output, Labor Income, and Governmental Revenue values are rounded to the nearest hundred-thousand. Jobs are rounded to the nearest ten.

Economic Impacts Associated with Wildlife Viewing (Residents and Visitors), by Region of Impact

	Region						Statewide Total	
	North	Interior	Southwest	Southcentral	Southeast	Not Disclosed	Amount	Percent
Output (millions of dollars)	\$26.1	\$334.0	\$117.7	\$844.3	\$283.6	\$1,144.3	\$2,750.1	100%
Direct	\$21.1	\$233.6	\$96.9	\$476.8	\$213.4	\$748.7	\$1,790.5	65%
Indirect	\$3.2	\$62.8	\$11.1	\$226.8	\$38.6	\$210.0	\$552.5	20%
Induced	\$1.9	\$37.6	\$9.8	\$140.7	\$31.5	\$185.6	\$407.1	15%
<i>Percent of Total</i>	1%	12%	4%	31%	10%	42%	100%	
Labor Income (millions of dollars)	\$5.3	\$57.2	\$31.7	\$143.3	\$24.9	\$222.2	\$484.7	100%
Direct	\$9.2	\$78.8	\$33.0	\$173.6	\$84.2	\$305.9	\$684.7	141%
Indirect	\$1.0	\$14.7	\$3.0	\$62.4	\$13.9	\$63.9	\$158.8	33%
Induced	\$0.6	\$11.4	\$2.7	\$47.5	\$10.1	\$60.4	\$132.8	27%
<i>Percent of Total</i>	1%	12%	7%	30%	5%	46%	100%	
Jobs	210	2,522	753	5,466	1,920	7,948	18,818	100%
Direct	178	1,937	596	3,599	1,394	5,520	13,224	70%
Indirect	20	311	91	895	283	1,130	2,729	15%
Induced	11	274	66	973	244	1,297	2,865	15%
<i>Percent of Total</i>	1%	13%	4%	29%	10%	42%	100%	
Government Rev. (millions of dollars)	\$2.3	\$28.5	\$10.8	\$75.2	\$23.1	\$91.1	\$231.0	100%
Direct	\$1.9	\$22.2	\$9.1	\$46.9	\$18.2	\$64.0	\$162.2	70%
Indirect	\$0.3	\$3.4	\$0.9	\$17.6	\$2.4	\$13.0	\$37.5	16%
Induced	\$0.1	\$2.9	\$0.8	\$10.8	\$2.5	\$14.0	\$31.3	14%
<i>Percent of Total</i>	1%	12%	5%	33%	10%	39%	100%	

Source: ECONorthwest

Notes: Totals may not equal the sum of the components due to rounding. Output, Labor Income, and Governmental Revenue values are rounded to the nearest hundred-thousand. Jobs are rounded to the nearest ten.

Economic Impacts Associated with Wildlife Viewing by Residents, by Region of Impact

	Region						Statewide Total	
	North	Interior	Southwest	Southcentral	Southeast	Not Disclosed	Amount	Percent
Output (millions of dollars)	\$8.8	\$175.9	\$76.6	\$413.2	\$58.6	\$471.4	\$1,204.5	100%
Direct	\$7.3	\$125.8	\$63.1	\$236.3	\$43.9	\$307.9	\$784.2	65%
Indirect	\$0.9	\$32.3	\$7.0	\$111.8	\$8.5	\$82.1	\$242.6	20%
Induced	\$0.6	\$17.9	\$6.5	\$65.0	\$6.2	\$81.4	\$177.6	15%
Percent of Total	1%	15%	6%	34%	5%	39%	100%	
Labor Income (millions of dollars)	\$4.0	\$51.2	\$25.3	\$134.2	\$20.9	\$187.7	\$423.4	100%
Direct	\$3.5	\$38.6	\$21.6	\$81.0	\$15.8	\$136.0	\$296.6	70%
Indirect	\$0.3	\$7.1	\$1.9	\$30.9	\$3.1	\$25.2	\$68.5	16%
Induced	\$0.2	\$5.4	\$1.8	\$22.3	\$2.0	\$26.5	\$58.2	14%
Percent of Total	1%	12%	6%	32%	5%	44%	100%	
Jobs	98	1,280	446	2,715	397	3,332	8,268	100%
Direct	89	996	343	1,834	284	2,314	5,861	71%
Indirect	5	154	59	423	65	449	1,155	14%
Induced	4	130	44	457	49	569	1,252	15%
Percent of Total	1%	15%	5%	33%	5%	40%	100%	
Government Rev. (millions of dollars)	\$0.8	\$15.2	\$6.9	\$38.1	\$4.9	\$36.0	\$101.9	100%
Direct	\$0.7	\$12.0	\$5.8	\$23.2	\$3.9	\$24.6	\$70.2	69%
Indirect	\$0.1	\$1.8	\$0.5	\$9.9	\$0.5	\$5.2	\$18.0	18%
Induced	\$0.0	\$1.4	\$0.6	\$5.0	\$0.5	\$6.2	\$13.7	13%
Percent of Total	1%	15%	7%	37%	5%	35%	100%	

Source: ECONorthwest

Notes: Totals may not equal the sum of the components due to rounding. Output, Labor Income, and Governmental Revenue values are rounded to the nearest hundred-thousand. Jobs are rounded to the nearest ten.

Economic Impacts Associated with Wildlife Viewing by Visitors, by Region of Impact

	Region						Statewide Total	
	North	Interior	Southwest	Southcentral	Southeast	Not Disclosed	Amount	Percent
Output (millions of dollars)	\$17.3	\$158.1	\$41.2	\$431.1	\$225.0	\$672.9	\$1,545.6	100%
Direct	\$13.8	\$107.8	\$33.8	\$240.5	\$169.6	\$440.8	\$1,006.2	65%
Indirect	\$2.3	\$30.5	\$4.1	\$115.0	\$30.1	\$127.9	\$309.9	20%
Induced	\$1.3	\$19.7	\$3.3	\$75.7	\$25.3	\$104.2	\$229.5	15%
Percent of Total	1%	10%	3%	28%	15%	44%	100%	
Labor Income (millions of dollars)	\$6.8	\$53.8	\$13.3	\$149.3	\$87.2	\$242.5	\$553.0	100%
Direct	\$5.7	\$40.2	\$11.3	\$92.6	\$68.4	\$169.9	\$388.1	70%
Indirect	\$0.7	\$7.6	\$1.1	\$31.5	\$10.8	\$38.7	\$90.3	16%
Induced	\$0.4	\$6.0	\$0.9	\$25.2	\$8.1	\$34.0	\$74.6	13%
Percent of Total	1%	10%	2%	27%	16%	44%	100%	
Jobs	112	1,242	307	2,751	1,523	4,616	10,550	100%
Direct	89	941	253	1,764	1,109	3,206	7,363	70%
Indirect	15	157	32	471	218	681	1,574	15%
Induced	8	144	22	516	195	729	1,613	15%
Percent of Total	1%	12%	3%	26%	14%	44%	100%	
Government Rev. (millions of dollars)	\$1.4	\$13.3	\$3.8	\$37.2	\$18.3	\$55.1	\$129.1	100%
Direct	\$1.2	\$10.2	\$3.2	\$23.7	\$14.4	\$39.4	\$92.0	71%
Indirect	\$0.2	\$1.6	\$0.3	\$7.7	\$1.9	\$7.8	\$19.5	15%
Induced	\$0.1	\$1.5	\$0.3	\$5.7	\$2.0	\$7.9	\$17.6	14%
Percent of Total	1%	10%	3%	29%	14%	43%	100%	

Source: ECONorthwest

Notes: Totals may not equal the sum of the components due to rounding. Output, Labor Income, and Governmental Revenue values are rounded to the nearest hundred-thousand. Jobs are rounded to the nearest ten.