
The Economic Importance of Alaska's Wildlife in 2011

May 2014

Appendix H: Final Significance Testing Results

Prepared for:

The Alaska Department of Fish and Game



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Appendix H – Final Significance Testing Results

Resident Wildlife Viewing Survey

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | Obs | F-stat | Prob>F |
|--|--------------------|----------------------------|-----|---------|---------|-------------------------|-----|--------|--------|
| | | .05 | .10 | | | | | | |
| Package trip expenditures on equipment rental | pkg_eqp_cost | X | | 3.499 | 2.098 | -0.624 7.621 | 445 | 2.78 | 0.096 |
| Package trip expenditures on fees and licenses | pkg_fee_cost | X | | 9.270 | 4.989 | -0.534 19.074 | 445 | 3.45 | 0.064 |
| Package trip expenditures on groceries and/or meals | pkg_grc_cost | | | 74.363 | 32.660 | 10.176 138.550 | 445 | 5.18 | 0.023 |
| Package trip expenditures on ground transportation within Alaska | pkg_grnd_cost | | | 17.707 | 7.692 | 2.591 32.823 | 445 | 5.3 | 0.022 |
| Package trip expenditures on guide, outfitter, charter, and/or transporter fees | pkg_guide_cost | | | 10.882 | 5.465 | 0.141 21.624 | 445 | 3.96 | 0.047 |
| Package trip expenditures on lodging within Alaska | pkg_ldg_cost | X | | 21.527 | 11.106 | -0.300 43.354 | 445 | 3.76 | 0.053 |
| Amount spent on Licenses, tags, and fees in Interior region | exp_fee_i_cost | | | 7.942 | 3.056 | 1.935 13.948 | 442 | 6.75 | 0.010 |
| Amount spent on Licenses, tags, and fees in Southwest region | exp_fee_sw_cost | | | 2.315 | 1.011 | 0.329 4.301 | 442 | 5.25 | 0.023 |
| Amount spent on Licenses, tags, and fees in Southcentral region | exp_fee_sc_cost | | | 13.062 | 3.271 | 6.632 19.491 | 442 | 15.94 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southeast region | exp_fee_se_cost | | | 0.884 | 0.304 | 0.286 1.482 | 442 | 8.45 | 0.004 |
| Amount spent on Licenses, tags, and fees in unknown region | exp_fee_stw_cost | | | 3.595 | 1.330 | 0.981 6.209 | 444 | 7.31 | 0.007 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in North region | exp_fuel_n_cost | | | 4.246 | 1.401 | 1.492 6.999 | 443 | 9.18 | 0.003 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Interior region | exp_fuel_i_cost | | | 85.424 | 22.285 | 41.626 129.222 | 443 | 14.69 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southwest region | exp_fuel_sw_cost | | | 13.691 | 5.496 | 2.889 24.492 | 443 | 6.21 | 0.013 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southcentral region | exp_fuel_sc_cost | | | 100.723 | 16.110 | 69.062 132.385 | 443 | 39.09 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southeast region | exp_fuel_se_cost | | | 14.573 | 4.656 | 5.423 23.722 | 443 | 9.8 | 0.002 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in unknown region | exp_fuel_stw_cost | | | 27.900 | 8.247 | 11.691 44.108 | 443 | 11.44 | 0.001 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Interior region | exp_trans_i_cost | | | 9.431 | 3.571 | 2.412 16.450 | 443 | 6.97 | 0.009 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southwest region | exp_trans_sw_cost | X | | 31.881 | 17.819 | -3.140 66.903 | 443 | 3.2 | 0.074 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southcentral region | exp_trans_sc_cost | | | 37.660 | 13.676 | 10.783 64.538 | 443 | 7.58 | 0.006 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southeast region | exp_trans_se_cost | | | 19.008 | 6.463 | 6.306 31.711 | 443 | 8.65 | 0.003 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in unknown region | exp_trans_stw_cost | X | | 39.691 | 17.803 | 4.702 74.680 | 438 | 4.97 | 0.026 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southwest region | exp_guide_sw_cost | X | | 2.429 | 1.362 | -0.247 5.105 | 444 | 3.18 | 0.075 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southeast region | exp_guide_se_cost | | | 0.935 | 0.445 | 0.060 1.809 | 444 | 4.41 | 0.036 |

| Variable Description | Variable | Low Significance Indicator | | Mean | Std Err | 95% Confidence Interval | Obs | F-stat | Prob>F |
|--|-------------------|----------------------------|-----|--------|---------|-------------------------|-----|--------|--------|
| | | .05 | .10 | | | | | | |
| Amount spent on Groceries, food, liquor purchased at stores in North region | exp_grc_n_cost | | | 3.678 | 1.405 | 0.917 6.438 | 442 | 6.85 | 0.009 |
| Amount spent on Groceries, food, liquor purchased at stores in Interior region | exp_grc_i_cost | | | 40.750 | 10.691 | 19.738 61.762 | 442 | 14.53 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southwest region | exp_grc_sw_cost | X | | 9.665 | 5.569 | -1.279 20.609 | 442 | 3.01 | 0.083 |
| Amount spent on Groceries, food, liquor purchased at stores in Southcentral region | exp_grc_sc_cost | | | 74.523 | 11.488 | 51.945 97.101 | 442 | 42.08 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in unknown region | exp_grc_stw_cost | | | 69.882 | 34.309 | 2.453 137.312 | 441 | 4.15 | 0.042 |
| Amount spent on meals at restaurants and bars (including fast food) in North region | exp_rest_n_cost | X | | 4.531 | 2.315 | -0.019 9.081 | 442 | 3.83 | 0.051 |
| Amount spent on meals at restaurants and bars (including fast food) in Interior region | exp_rest_i_cost | | | 21.952 | 4.183 | 13.731 30.173 | 442 | 27.54 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southwest region | exp_rest_sw_cost | | | 3.386 | 1.456 | 0.525 6.247 | 442 | 5.41 | 0.021 |
| Amount spent on meals at restaurants and bars (including fast food) in Southcentral region | exp_rest_sc_cost | | | 42.664 | 5.007 | 32.825 52.504 | 442 | 72.62 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southeast region | exp_rest_se_cost | | | 7.286 | 2.672 | 2.034 12.537 | 442 | 7.43 | 0.007 |
| Amount spent on meals at restaurants and bars (including fast food) in unknown region | exp_rest_stw_cost | | | 13.727 | 3.139 | 7.558 19.897 | 444 | 19.13 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Interior region | exp_ldg_i_cost | | | 14.271 | 3.436 | 7.518 21.024 | 444 | 17.25 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southwest region | exp_ldg_sw_cost | X | | 14.948 | 8.037 | -0.847 30.744 | 444 | 3.46 | 0.064 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southcentral region | exp_ldg_sc_cost | | | 24.752 | 4.084 | 16.726 32.777 | 444 | 36.74 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southeast region | exp_ldg_se_cost | | | 7.710 | 2.664 | 2.475 12.945 | 444 | 8.38 | 0.004 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in unknown region | exp_ldg_stw_cost | | | 39.181 | 12.317 | 14.973 63.388 | 441 | 10.12 | 0.002 |
| Amount spent on Equipment rental in unknown region | exp_eqp_stw_cost | X | ** | 18.975 | 11.534 | -3.694 41.645 | 443 | 2.71 | 0.101 |
| Amount spent on Souvenirs and gifts in Interior region | exp_souv_i_cost | | | 4.170 | 1.795 | 0.642 7.698 | 443 | 5.4 | 0.021 |
| Amount spent on Souvenirs and gifts in Southwest region | exp_souv_sw_cost | X | | 1.528 | 0.798 | -0.040 3.096 | 443 | 3.67 | 0.056 |
| Amount spent on Souvenirs and gifts in Southcentral region | exp_souv_sc_cost | | | 7.671 | 1.859 | 4.017 11.325 | 443 | 17.02 | 0.000 |
| Amount spent on Souvenirs and gifts in Southeast region | exp_souv_se_cost | | | 1.794 | 0.904 | 0.018 3.571 | 443 | 3.94 | 0.048 |
| Amount spent on Souvenirs and gifts in unknown region | exp_souv_stw_cost | | | 4.803 | 1.836 | 1.196 8.411 | 443 | 6.85 | 0.009 |
| Amount spent on equipment in North region | gr equip_n | | | 0.934 | 0.387 | 0.174 1.694 | 445 | 5.84 | 0.016 |
| Amount spent on equipment in Interior region | gr equip_i | | | 31.966 | 9.266 | 13.754 50.177 | 445 | 11.9 | 0.001 |
| Amount spent on equipment in Southwest region | gr equip_sw | | | 19.535 | 9.323 | 1.213 37.858 | 445 | 4.39 | 0.037 |
| Amount spent on equipment in Southcentral region | gr equip_sc | | | 97.383 | 15.665 | 66.597 128.169 | 445 | 38.65 | 0.000 |
| Amount spent on equipment in Southeast region | gr equip_se | | | 19.079 | 6.452 | 6.400 31.759 | 445 | 8.75 | 0.003 |
| Amount spent on equipment in unknown region | gr equip_stw | | | 28.780 | 9.833 | 9.455 48.104 | 445 | 8.57 | 0.004 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | Obs | F-stat | Prob>F |
|--|-----------------|----------------------------|-----|--------|---------|-------------------------|-----|--------|--------|
| | | .05 | .10 | | | | | | |
| Amount spent on vehicles in Southcentral region | gr_vehicle_sc | | | 90.863 | 42.039 | 8.243 173.483 | 445 | 4.67 | 0.031 |
| Amount spent on vehicles in unknown region | gr_vehicle_stw | | | 72.013 | 23.415 | 25.995 118.031 | 445 | 9.46 | 0.002 |
| Amount spent on registration and fees in Interior region | gr_fees_i | | | 4.130 | 2.014 | 0.172 8.088 | 445 | 4.21 | 0.041 |
| Amount spent on registration and fees in Southwest region | gr_fees_sw | | | 1.777 | 0.713 | 0.375 3.179 | 445 | 6.21 | 0.013 |
| Amount spent on registration and fees in Southcentral region | gr_fees_sc | | | 8.691 | 2.756 | 3.274 14.107 | 445 | 9.94 | 0.002 |
| Amount spent on registration and fees in Southeast region | gr_fees_se | | | 4.865 | 2.440 | 0.070 9.661 | 445 | 3.98 | 0.047 |
| Amount spent on registration and fees in unknown region | gr_fees_stw | | | 3.043 | 1.314 | 0.461 5.625 | 445 | 5.36 | 0.021 |
| Amount spent on real estate maintenance and repairs in Southcentral region | re_repr_sc_cost | X | | 56.112 | 29.778 | -2.413 114.637 | 443 | 3.55 | 0.060 |

** Note: This variable is significant at the 0.101 level. For purposes of this analysis, we treat it as significant at the 0.100 level.

Resident Hunting Survey

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|--|--------------------|----------------------------|-----|---------|---------|-------------------------|---------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Package trip expenditures on airfare within Alaska | pkg_air_cost | | | 5.321 | 1.142 | 3.083 | 7.560 | 4964 | 21.72 | 0.000 |
| Package trip expenditures on equipment rental | pkg_eqp_cost | | | 0.270 | 0.075 | 0.124 | 0.417 | 4964 | 13.1 | 0.000 |
| Package trip expenditures on fees and licenses | pkg_fee_cost | | | 4.133 | 0.944 | 2.283 | 5.983 | 4964 | 19.18 | 0.000 |
| Package trip expenditures on groceries and/or meals | pkg_grc_cost | | | 25.023 | 4.502 | 16.197 | 33.848 | 4964 | 30.9 | 0.000 |
| Package trip expenditures on ground transportation within Alaska | pkg_grnd_cost | | | 3.357 | 0.719 | 1.947 | 4.767 | 4964 | 21.78 | 0.000 |
| Package trip expenditures on guide, outfitter, charter, and/or transporter fees | pkg_guide_cost | | | 11.356 | 1.980 | 7.475 | 15.237 | 4964 | 32.9 | 0.000 |
| Package trip expenditures on lodging within Alaska | pkg_ldg_cost | | | 2.609 | 0.511 | 1.606 | 3.611 | 4964 | 26.03 | 0.000 |
| Amount spent on Licenses, tags, and fees in North region | exp_fee_n_cost | | | 3.334 | 0.426 | 2.499 | 4.169 | 4845 | 61.32 | 0.000 |
| Amount spent on Licenses, tags, and fees in Interior region | exp_fee_i_cost | | | 17.526 | 1.317 | 14.945 | 20.108 | 4845 | 177.11 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southwest region | exp_fee_sw_cost | | | 8.171 | 0.881 | 6.443 | 9.899 | 4845 | 85.95 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southcentral region | exp_fee_sc_cost | | | 35.720 | 1.227 | 33.314 | 38.126 | 4845 | 847.24 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southeast region | exp_fee_se_cost | | | 7.812 | 0.901 | 6.044 | 9.579 | 4845 | 75.1 | 0.000 |
| Amount spent on Licenses, tags, and fees in unknown region | exp_fee_stw_cost | | | 8.259 | 0.702 | 6.882 | 9.636 | 4935 | 138.22 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in North region | exp_fuel_n_cost | | | 29.295 | 3.173 | 23.075 | 35.515 | 4929 | 85.25 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Interior region | exp_fuel_i_cost | | | 101.673 | 3.961 | 93.907 | 109.438 | 4929 | 658.81 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southwest region | exp_fuel_sw_cost | | | 35.232 | 4.014 | 27.363 | 43.101 | 4929 | 77.05 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southcentral region | exp_fuel_sc_cost | | | 129.921 | 5.175 | 119.776 | 140.066 | 4929 | 630.34 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southeast region | exp_fuel_se_cost | | | 25.418 | 2.059 | 21.382 | 29.455 | 4929 | 152.4 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in unknown region | exp_fuel_stw_cost | | | 47.515 | 3.454 | 40.743 | 54.287 | 4955 | 189.2 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in North region | exp_trans_n_cost | | | 12.731 | 2.220 | 8.379 | 17.084 | 4906 | 32.89 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Interior region | exp_trans_i_cost | | | 21.468 | 2.855 | 15.872 | 27.064 | 4906 | 56.56 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southwest region | exp_trans_sw_cost | | | 30.207 | 4.610 | 21.170 | 39.245 | 4906 | 42.94 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southcentral region | exp_trans_sc_cost | | | 29.281 | 2.895 | 23.605 | 34.957 | 4906 | 102.28 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southeast region | exp_trans_se_cost | | | 16.990 | 2.309 | 12.463 | 21.518 | 4906 | 54.12 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in unknown region | exp_trans_stw_cost | | | 18.840 | 2.879 | 13.197 | 24.484 | 4908 | 42.83 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in North region | exp_guide_n_cost | | | 12.512 | 2.853 | 6.919 | 18.105 | 4953 | 19.23 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Interior region | exp_guide_i_cost | | | 22.070 | 4.128 | 13.978 | 30.163 | 4953 | 28.59 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southwest region | exp_guide_sw_cost | | | 30.989 | 5.769 | 19.679 | 42.299 | 4953 | 28.85 | 0.000 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|--|--------------------|----------------------------|-----|--------|---------|-------------------------|--------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southcentral region | exp_guide_sc_cost | | | 23.584 | 3.762 | 16.208 | 30.959 | 4953 | 39.3 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southeast region | exp_guide_se_cost | | | 1.575 | 0.551 | 0.495 | 2.656 | 4953 | 8.17 | 0.004 |
| Amount spent on Guide, outfitter, charter, and transporter fees in unknown region | exp_guide_stw_cost | | | 17.475 | 3.570 | 10.476 | 24.475 | 4958 | 23.96 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in North region | exp_grc_n_cost | | | 11.579 | 1.471 | 8.695 | 14.463 | 4935 | 61.96 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Interior region | exp_grc_i_cost | | | 52.177 | 2.164 | 47.935 | 56.419 | 4935 | 581.55 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southwest region | exp_grc_sw_cost | | | 20.708 | 2.020 | 16.748 | 24.667 | 4935 | 105.12 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southcentral region | exp_grc_sc_cost | | | 90.141 | 2.851 | 84.553 | 95.730 | 4935 | 999.97 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southeast region | exp_grc_se_cost | | | 18.262 | 1.845 | 14.644 | 21.879 | 4935 | 97.94 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in unknown region | exp_grc_stw_cost | | | 37.274 | 1.975 | 33.402 | 41.146 | 4958 | 356.21 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in North region | exp_rest_n_cost | | | 4.088 | 0.424 | 3.257 | 4.919 | 4931 | 93.07 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Interior region | exp_rest_i_cost | | | 17.428 | 0.804 | 15.852 | 19.004 | 4931 | 470 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southwest region | exp_rest_sw_cost | | | 4.688 | 0.668 | 3.378 | 5.997 | 4931 | 49.27 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southcentral region | exp_rest_sc_cost | | | 18.152 | 1.041 | 16.112 | 20.192 | 4931 | 304.21 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southeast region | exp_rest_se_cost | | | 2.537 | 0.317 | 1.916 | 3.158 | 4931 | 64.13 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in unknown region | exp_rest_stw_cost | | | 9.170 | 0.676 | 7.846 | 10.495 | 4950 | 184.13 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in North region | exp_ldg_n_cost | | | 2.565 | 0.653 | 1.285 | 3.846 | 4944 | 15.42 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Interior region | exp_ldg_i_cost | | | 10.056 | 0.872 | 8.347 | 11.765 | 4944 | 133.04 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southwest region | exp_ldg_sw_cost | | | 7.210 | 1.175 | 4.906 | 9.514 | 4944 | 37.63 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southcentral region | exp_ldg_sc_cost | | | 7.657 | 0.953 | 5.789 | 9.525 | 4944 | 64.55 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southeast region | exp_ldg_se_cost | | | 3.791 | 1.039 | 1.754 | 5.828 | 4944 | 13.32 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in unknown region | exp_ldg_stw_cost | | | 7.761 | 1.202 | 5.405 | 10.118 | 4947 | 41.69 | 0.000 |
| Amount spent on Equipment rental in North region | exp_eqp_n_cost | | | 0.356 | 0.144 | 0.073 | 0.639 | 4954 | 6.1 | 0.014 |
| Amount spent on Equipment rental in Interior region | exp_eqp_i_cost | | | 2.126 | 0.635 | 0.882 | 3.370 | 4954 | 11.23 | 0.001 |
| Amount spent on Equipment rental in Southwest region | exp_eqp_sw_cost | | | 2.162 | 0.661 | 0.867 | 3.457 | 4954 | 10.72 | 0.001 |
| Amount spent on Equipment rental in Southcentral region | exp_eqp_sc_cost | | | 3.027 | 0.527 | 1.995 | 4.060 | 4954 | 33.06 | 0.000 |
| Amount spent on Equipment rental in Southeast region | exp_eqp_se_cost | X | | 0.608 | 0.313 | -0.007 | 1.223 | 4954 | 3.76 | 0.053 |
| Amount spent on Equipment rental in unknown region | exp_eqp_stw_cost | | | 1.384 | 0.374 | 0.650 | 2.118 | 4957 | 13.68 | 0.000 |
| Amount spent on Souvenirs and gifts in North region | exp_souv_n_cost | | | 0.609 | 0.133 | 0.348 | 0.871 | 4958 | 20.94 | 0.000 |
| Amount spent on Souvenirs and gifts in Interior region | exp_souv_i_cost | | | 2.825 | 0.558 | 1.730 | 3.920 | 4958 | 25.59 | 0.000 |
| Amount spent on Souvenirs and gifts in Southwest region | exp_souv_sw_cost | | | 0.624 | 0.155 | 0.321 | 0.928 | 4958 | 16.24 | 0.000 |
| Amount spent on Souvenirs and gifts in Southcentral region | exp_souv_sc_cost | | | 0.901 | 0.193 | 0.523 | 1.279 | 4958 | 21.82 | 0.000 |
| Amount spent on Souvenirs and gifts in Southeast region | exp_souv_se_cost | X | | 0.460 | 0.268 | -0.065 | 0.985 | 4958 | 2.95 | 0.086 |
| Amount spent on Souvenirs and gifts in unknown region | exp_souv_stw_cost | | | 1.066 | 0.280 | 0.517 | 1.615 | 4959 | 14.48 | 0.000 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|--|-------------------|----------------------------|-----|---------|---------|-------------------------|---------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Amount spent on equipment in North region | gr_equip_n | | | 31.377 | 4.434 | 22.685 | 40.069 | 4964 | 50.08 | 0.000 |
| Amount spent on equipment in Interior region | gr_equip_i | | | 129.947 | 7.230 | 115.772 | 144.121 | 4964 | 323.02 | 0.000 |
| Amount spent on equipment in Southwest region | gr_equip_sw | | | 61.671 | 6.572 | 48.787 | 74.555 | 4964 | 88.06 | 0.000 |
| Amount spent on equipment in Southcentral region | gr_equip_sc | | | 424.630 | 14.997 | 395.229 | 454.031 | 4964 | 801.69 | 0.000 |
| Amount spent on equipment in Southeast region | gr_equip_se | | | 61.860 | 6.726 | 48.675 | 75.045 | 4964 | 84.6 | 0.000 |
| Amount spent on equipment in unknown region | gr_equip_stw | | | 128.475 | 8.420 | 111.969 | 144.981 | 4964 | 232.84 | 0.000 |
| Amount spent on vehicles in North region | gr_vehicle_n | | | 42.219 | 9.322 | 23.944 | 60.494 | 4964 | 20.51 | 0.000 |
| Amount spent on vehicles in Interior region | gr_vehicle_i | | | 241.034 | 30.574 | 181.096 | 300.972 | 4964 | 62.15 | 0.000 |
| Amount spent on vehicles in Southwest region | gr_vehicle_sw | | | 81.829 | 16.413 | 49.653 | 114.006 | 4964 | 24.86 | 0.000 |
| Amount spent on vehicles in Southcentral region | gr_vehicle_sc | | | 742.356 | 68.344 | 608.371 | 876.342 | 4964 | 117.98 | 0.000 |
| Amount spent on vehicles in Southeast region | gr_vehicle_se | | | 196.934 | 72.733 | 54.344 | 339.523 | 4964 | 7.33 | 0.007 |
| Amount spent on vehicles in unknown region | gr_vehicle_stw | | | 217.248 | 33.424 | 151.722 | 282.774 | 4964 | 42.25 | 0.000 |
| Amount spent on registration and fees in North region | gr_fees_n | | | 2.279 | 0.504 | 1.292 | 3.266 | 4964 | 20.49 | 0.000 |
| Amount spent on registration and fees in Interior region | gr_fees_i | | | 13.934 | 1.915 | 10.181 | 17.687 | 4964 | 52.97 | 0.000 |
| Amount spent on registration and fees in Southwest region | gr_fees_sw | | | 5.837 | 0.815 | 4.239 | 7.434 | 4964 | 51.3 | 0.000 |
| Amount spent on registration and fees in Southcentral region | gr_fees_sc | | | 46.610 | 4.075 | 38.620 | 54.599 | 4964 | 130.81 | 0.000 |
| Amount spent on registration and fees in Southeast region | gr_fees_se | | | 9.870 | 1.734 | 6.470 | 13.271 | 4964 | 32.38 | 0.000 |
| Amount spent on registration and fees in unknown region | gr_fees_stw | | | 20.032 | 2.594 | 14.946 | 25.118 | 4964 | 59.63 | 0.000 |
| Amount spent on taxidermy in North region | gr_taxid_n | | | 5.724 | 1.450 | 2.882 | 8.566 | 4818 | 15.59 | 0.000 |
| Amount spent on taxidermy in Interior region | gr_taxid_i | | | 29.687 | 2.551 | 24.686 | 34.687 | 4818 | 135.44 | 0.000 |
| Amount spent on taxidermy in Southwest region | gr_taxid_sw | | | 17.970 | 3.156 | 11.782 | 24.158 | 4818 | 32.42 | 0.000 |
| Amount spent on taxidermy in Southcentral region | gr_taxid_sc | | | 126.880 | 7.571 | 112.037 | 141.723 | 4818 | 280.85 | 0.000 |
| Amount spent on taxidermy in Southeast region | gr_taxid_se | | | 10.801 | 2.090 | 6.704 | 14.898 | 4818 | 26.71 | 0.000 |
| Amount spent on taxidermy in unknown region | gr_taxid_stw | | | 36.313 | 5.408 | 25.710 | 46.915 | 4923 | 45.08 | 0.000 |
| Amount spent on real estate purchase and construction in North region | re_const_n_cost | | | 12.125 | 4.960 | 2.402 | 21.849 | 4935 | 5.98 | 0.015 |
| Amount spent on real estate purchase and construction in Interior region | re_const_i_cost | | | 124.651 | 37.150 | 51.820 | 197.482 | 4935 | 11.26 | 0.001 |
| Amount spent on real estate purchase and construction in Southwest region | re_const_sw_cost | | | 62.420 | 25.033 | 13.344 | 111.496 | 4935 | 6.22 | 0.013 |
| Amount spent on real estate purchase and construction in Southcentral region | re_const_sc_cost | | | 184.155 | 52.607 | 81.023 | 287.287 | 4935 | 12.25 | 0.001 |
| Amount spent on real estate purchase and construction in Southeast region | re_const_se_cost | | | 67.600 | 31.987 | 4.891 | 130.308 | 4935 | 4.47 | 0.035 |
| Amount spent on real estate purchase and construction in unknown region | re_const_stw_cost | | | 43.774 | 16.300 | 11.819 | 75.729 | 4859 | 7.21 | 0.007 |
| Amount spent on real estate maintenance and repairs in North region | re_repr_n_cost | | | 2.620 | 1.293 | 0.085 | 5.155 | 4950 | 4.1 | 0.043 |
| Amount spent on real estate maintenance and repairs in Interior region | re_repr_i_cost | | | 29.935 | 10.777 | 8.808 | 51.063 | 4950 | 7.72 | 0.006 |
| Amount spent on real estate maintenance and repairs in Southwest region | re_repr_sw_cost | | | 9.500 | 3.542 | 2.557 | 16.443 | 4950 | 7.19 | 0.007 |
| Amount spent on real estate maintenance and repairs in Southcentral region | re_repr_sc_cost | | | 31.905 | 6.976 | 18.229 | 45.580 | 4950 | 20.92 | 0.000 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|---|------------------|----------------------------|-----|--------|---------|-------------------------|--------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Amount spent on real estate maintenance and repairs in Southeast region | re_repr_se_cost | | | 6.632 | 1.538 | 3.617 | 9.647 | 4950 | 18.59 | 0.000 |
| Amount spent on real estate maintenance and repairs in unknown region | re_repr_stw_cost | | | 20.693 | 9.896 | 1.293 | 40.093 | 4929 | 4.37 | 0.037 |

Visitor Wildlife Viewing Survey

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob>F |
|--|--------------------|----------------------------|-----|---------|---------|-------------------------|---------|-----|--------|--------|
| | | .05 | .10 | | | | | | | |
| Package trip expenditures on airfare within Alaska | pkg_air_cost | | | 92.664 | 22.874 | 47.722 | 137.606 | 499 | 16.41 | 0.000 |
| Package trip expenditures on equipment rental | pkg_eqp_cost | | | 8.188 | 2.168 | 3.927 | 12.448 | 499 | 14.26 | 0.000 |
| Package trip expenditures on fees and licenses | pkg_fee_cost | | | 10.473 | 2.819 | 4.935 | 16.011 | 499 | 13.81 | 0.000 |
| Package trip expenditures on groceries and/or meals | pkg_grc_cost | | | 331.288 | 60.257 | 212.900 | 449.677 | 499 | 30.23 | 0.000 |
| Package trip expenditures on ground transportation within Alaska | pkg_grnd_cost | | | 212.639 | 33.693 | 146.441 | 278.836 | 499 | 39.83 | 0.000 |
| Package trip expenditures on guide, outfitter, charter, and/or transporter fees | pkg_guide_cost | | | 132.660 | 23.053 | 87.366 | 177.954 | 499 | 33.11 | 0.000 |
| Package trip expenditures on lodging within Alaska | pkg_ldg_cost | | | 225.612 | 36.162 | 154.564 | 296.660 | 499 | 38.93 | 0.000 |
| Amount spent on Licenses, tags, and fees in North region | exp_fee_n_cost | X | | 0.335 | 0.191 | -0.041 | 0.711 | 499 | 3.07 | 0.080 |
| Amount spent on Licenses, tags, and fees in Interior region | exp_fee_i_cost | | | 2.304 | 0.728 | 0.874 | 3.735 | 499 | 10.02 | 0.002 |
| Amount spent on Licenses, tags, and fees in Southwest region | exp_fee_sw_cost | X | | 2.738 | 1.589 | -0.385 | 5.860 | 499 | 2.97 | 0.086 |
| Amount spent on Licenses, tags, and fees in Southcentral region | exp_fee_sc_cost | | | 11.180 | 2.109 | 7.036 | 15.324 | 499 | 28.1 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southeast region | exp_fee_se_cost | | | 8.420 | 1.917 | 4.653 | 12.187 | 499 | 19.29 | 0.000 |
| Amount spent on Licenses, tags, and fees in unknown region | exp_fee_stw_cost | | | 3.360 | 1.206 | 0.989 | 5.730 | 499 | 7.76 | 0.006 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in North region | exp_fuel_n_cost | | | 6.220 | 2.083 | 2.127 | 10.313 | 496 | 8.92 | 0.003 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Interior region | exp_fuel_i_cost | | | 34.540 | 6.076 | 22.601 | 46.479 | 496 | 32.31 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southwest region | exp_fuel_sw_cost | | | 21.241 | 8.173 | 5.182 | 37.299 | 496 | 6.75 | 0.010 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southcentral region | exp_fuel_sc_cost | | | 68.147 | 10.259 | 47.989 | 88.304 | 496 | 44.12 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southeast region | exp_fuel_se_cost | | | 34.639 | 7.624 | 19.659 | 49.620 | 496 | 20.64 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in unknown region | exp_fuel_stw_cost | | | 24.901 | 7.768 | 9.639 | 40.163 | 496 | 10.28 | 0.001 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in North region | exp_trans_n_cost | | | 21.693 | 10.373 | 1.312 | 42.073 | 494 | 4.37 | 0.037 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Interior region | exp_trans_i_cost | | | 86.807 | 18.675 | 50.114 | 123.501 | 494 | 21.61 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southwest region | exp_trans_sw_cost | | | 27.615 | 7.354 | 13.166 | 42.063 | 494 | 14.1 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southcentral region | exp_trans_sc_cost | | | 191.669 | 26.081 | 140.426 | 242.912 | 494 | 54.01 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southeast region | exp_trans_se_cost | | | 163.443 | 28.708 | 107.037 | 219.848 | 494 | 32.41 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in unknown region | exp_trans_stw_cost | | | 84.931 | 22.386 | 40.947 | 128.915 | 489 | 14.39 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in North region | exp_guide_n_cost | X | | 3.576 | 1.907 | -0.171 | 7.323 | 494 | 3.52 | 0.061 |

| Variable Description | Variable | Low Significance Indicator | | Mean | Std Err | 95% Confidence Interval | Obs | F-stat | Prob>F |
|--|--------------------|----------------------------|-----|---------|---------|-------------------------|-----|--------|--------|
| | | .05 | .10 | | | | | | |
| Amount spent on Guide, outfitter, charter, and transporter fees in Interior region | exp_guide_i_cost | | | 26.904 | 7.759 | 11.660 42.148 | 494 | 12.02 | 0.001 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southwest region | exp_guide_sw_cost | | | 8.955 | 3.821 | 1.447 16.464 | 494 | 5.49 | 0.020 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southcentral region | exp_guide_sc_cost | | | 70.721 | 31.407 | 9.013 132.430 | 494 | 5.07 | 0.025 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southeast region | exp_guide_se_cost | | | 80.462 | 29.907 | 21.701 139.223 | 494 | 7.24 | 0.007 |
| Amount spent on Guide, outfitter, charter, and transporter fees in unknown region | exp_guide_stw_cost | | | 29.912 | 12.031 | 6.273 53.551 | 492 | 6.18 | 0.013 |
| Amount spent on Groceries, food, liquor purchased at stores in North region | exp_grc_n_cost | | | 3.232 | 1.240 | 0.797 5.668 | 497 | 6.8 | 0.009 |
| Amount spent on Groceries, food, liquor purchased at stores in Interior region | exp_grc_i_cost | | | 31.273 | 4.218 | 22.986 39.560 | 497 | 54.98 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southwest region | exp_grc_sw_cost | | | 13.202 | 3.949 | 5.443 20.961 | 497 | 11.18 | 0.001 |
| Amount spent on Groceries, food, liquor purchased at stores in Southcentral region | exp_grc_sc_cost | | | 59.271 | 7.550 | 44.437 74.105 | 497 | 61.63 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southeast region | exp_grc_se_cost | | | 43.827 | 8.539 | 27.051 60.604 | 497 | 26.35 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in unknown region | exp_grc_stw_cost | | | 26.772 | 4.928 | 17.091 36.454 | 495 | 29.52 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in North region | exp_rest_n_cost | | | 3.747 | 1.085 | 1.616 5.878 | 498 | 11.93 | 0.001 |
| Amount spent on meals at restaurants and bars (including fast food) in Interior region | exp_rest_i_cost | | | 60.168 | 6.615 | 47.172 73.165 | 498 | 82.74 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southwest region | exp_rest_sw_cost | | | 16.866 | 3.498 | 9.992 23.739 | 498 | 23.24 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southcentral region | exp_rest_sc_cost | | | 102.921 | 12.261 | 78.831 127.010 | 498 | 70.46 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southeast region | exp_rest_se_cost | | | 70.958 | 9.782 | 51.740 90.176 | 498 | 52.62 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in unknown region | exp_rest_stw_cost | | | 42.273 | 7.266 | 27.997 56.548 | 496 | 33.85 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in North region | exp_ldg_n_cost | | | 4.889 | 2.101 | 0.761 9.018 | 492 | 5.41 | 0.020 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Interior region | exp_ldg_i_cost | | | 56.764 | 9.566 | 37.969 75.559 | 492 | 35.21 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southwest region | exp_ldg_sw_cost | | | 17.159 | 3.878 | 9.539 24.779 | 492 | 19.58 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southcentral region | exp_ldg_sc_cost | | | 136.056 | 25.967 | 85.036 187.075 | 492 | 27.45 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southeast region | exp_ldg_se_cost | | | 55.312 | 10.042 | 35.581 75.043 | 492 | 30.34 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in unknown region | exp_ldg_stw_cost | | | 52.055 | 12.302 | 27.884 76.225 | 495 | 17.91 | 0.000 |
| Amount spent on Equipment rental in Interior region | exp_eqp_i_cost | | | 3.420 | 1.556 | 0.363 6.477 | 495 | 4.83 | 0.028 |
| Amount spent on Equipment rental in Southcentral region | exp_eqp_sc_cost | | | 17.137 | 7.631 | 2.144 32.130 | 495 | 5.04 | 0.025 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob>F |
|--|-------------------|----------------------------|-----|--------|---------|-------------------------|---------|-----|--------|--------|
| | | .05 | .10 | | | | | | | |
| Amount spent on Equipment rental in Southeast region | exp_eqp_se_cost | | | 5.561 | 2.143 | 1.351 | 9.771 | 495 | 6.74 | 0.010 |
| Amount spent on Souvenirs and gifts in North region | exp_souv_n_cost | | | 3.258 | 1.056 | 1.182 | 5.333 | 497 | 9.51 | 0.002 |
| Amount spent on Souvenirs and gifts in Interior region | exp_souv_i_cost | | | 44.469 | 5.862 | 32.952 | 55.986 | 497 | 57.55 | 0.000 |
| Amount spent on Souvenirs and gifts in Southwest region | exp_souv_sw_cost | | | 16.640 | 4.952 | 6.911 | 26.368 | 497 | 11.29 | 0.001 |
| Amount spent on Souvenirs and gifts in Southcentral region | exp_souv_sc_cost | | | 56.613 | 6.601 | 43.644 | 69.582 | 497 | 73.56 | 0.000 |
| Amount spent on Souvenirs and gifts in Southeast region | exp_souv_se_cost | | | 98.786 | 16.414 | 66.537 | 131.034 | 497 | 36.22 | 0.000 |
| Amount spent on Souvenirs and gifts in unknown region | exp_souv_stw_cost | | | 24.283 | 4.218 | 15.996 | 32.570 | 495 | 33.14 | 0.000 |
| Amount spent on equipment in North region | gr_eqp_n | | | 2.199 | 0.834 | 0.560 | 3.838 | 499 | 6.95 | 0.009 |
| Amount spent on equipment in Interior region | gr_eqp_i | | | 15.051 | 3.617 | 7.943 | 22.158 | 499 | 17.31 | 0.000 |
| Amount spent on equipment in Southwest region | gr_eqp_sw | | | 4.609 | 1.819 | 1.035 | 8.183 | 499 | 6.42 | 0.012 |
| Amount spent on equipment in Southcentral region | gr_eqp_sc | | | 21.430 | 4.014 | 13.543 | 29.317 | 499 | 28.5 | 0.000 |
| Amount spent on equipment in Southeast region | gr_eqp_se | | | 21.359 | 4.653 | 12.217 | 30.500 | 499 | 21.07 | 0.000 |
| Amount spent on equipment in unknown region | gr_eqp_stw | | | 18.207 | 4.164 | 10.026 | 26.387 | 499 | 19.12 | 0.000 |
| Amount spent on vehicles in Interior region | gr_vehicle_i | X | | 2.459 | 1.255 | -0.007 | 4.924 | 499 | 3.84 | 0.051 |
| Amount spent on vehicles in Southcentral region | gr_vehicle_sc | X | | 13.375 | 7.701 | -1.755 | 28.505 | 499 | 3.02 | 0.083 |
| Amount spent on vehicles in Southeast region | gr_vehicle_se | | | 6.894 | 3.392 | 0.230 | 13.557 | 499 | 4.13 | 0.043 |
| Amount spent on vehicles in unknown region | gr_vehicle_stw | | | 5.827 | 2.748 | 0.427 | 11.227 | 499 | 4.49 | 0.035 |
| Amount spent on registration and fees in Interior region | gr_fees_i | X | | 0.874 | 0.447 | -0.005 | 1.753 | 499 | 3.81 | 0.051 |
| Amount spent on registration and fees in Southcentral region | gr_fees_sc | | | 7.474 | 3.706 | 0.193 | 14.755 | 499 | 4.07 | 0.044 |
| Amount spent on registration and fees in unknown region | gr_fees_stw | | | 2.095 | 0.677 | 0.764 | 3.426 | 499 | 9.56 | 0.002 |
| Amount spent on real estate construction in Southeast region | re_const_se_cost | X | | 11.121 | 6.353 | -1.361 | 23.602 | 499 | 3.06 | 0.081 |

Visitor Hunting Survey

| Variable Description | Variable | Low Significance Indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|--|--------------------|----------------------------|-----|-----------|---------|-------------------------|-----------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Package trip expenditures on airfare within Alaska | pkg_air_cost | | | 256.927 | 26.870 | 204.216 | 309.637 | 1383 | 91.43 | 0.000 |
| Package trip expenditures on equipment rental | pkg_eqp_cost | | | 26.342 | 4.136 | 18.228 | 34.456 | 1383 | 40.56 | 0.000 |
| Package trip expenditures on fees and licenses | pkg_fee_cost | | | 395.407 | 45.594 | 305.966 | 484.848 | 1383 | 75.21 | 0.000 |
| Package trip expenditures on groceries and/or meals | pkg_grc_cost | | | 539.403 | 42.735 | 455.570 | 623.235 | 1383 | 159.32 | 0.000 |
| Package trip expenditures on ground transportation within Alaska | pkg_grnd_cost | | | 271.991 | 30.661 | 211.845 | 332.138 | 1383 | 78.69 | 0.000 |
| Package trip expenditures on guide, outfitter, charter, and/or transporter fees | pkg_guide_cost | | | 3,651.440 | 241.605 | 3,177.488 | 4,125.392 | 1383 | 228.41 | 0.000 |
| Package trip expenditures on lodging within Alaska | pkg_ldg_cost | | | 299.451 | 28.075 | 244.376 | 354.526 | 1383 | 113.76 | 0.000 |
| Amount spent on Licenses, tags, and fees in North region | exp_fee_n_cost | | | 62.243 | 6.982 | 48.547 | 75.939 | 1331 | 79.48 | 0.000 |
| Amount spent on Licenses, tags, and fees in Interior region | exp_fee_i_cost | | | 145.614 | 11.349 | 123.349 | 167.878 | 1331 | 164.61 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southwest region | exp_fee_sw_cost | | | 145.185 | 19.255 | 107.411 | 182.959 | 1331 | 56.85 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southcentral region | exp_fee_sc_cost | | | 128.912 | 8.667 | 111.909 | 145.916 | 1331 | 221.21 | 0.000 |
| Amount spent on Licenses, tags, and fees in Southeast region | exp_fee_se_cost | | | 66.646 | 5.904 | 55.065 | 78.228 | 1331 | 127.43 | 0.000 |
| Amount spent on Licenses, tags, and fees in unknown region | exp_fee_stw_cost | | | 45.169 | 9.380 | 26.768 | 63.570 | 1381 | 23.19 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in North region | exp_fuel_n_cost | | | 37.602 | 7.717 | 22.465 | 52.740 | 1356 | 23.74 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Interior region | exp_fuel_i_cost | | | 67.208 | 6.609 | 54.243 | 80.174 | 1356 | 103.4 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southwest region | exp_fuel_sw_cost | | | 29.225 | 7.587 | 14.342 | 44.107 | 1356 | 14.84 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southcentral region | exp_fuel_sc_cost | | | 60.112 | 11.044 | 38.447 | 81.778 | 1356 | 29.63 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in Southeast region | exp_fuel_se_cost | | | 25.694 | 3.767 | 18.304 | 33.084 | 1356 | 46.52 | 0.000 |
| Amount spent on Fuel for vehicles (car, boat, RV, airplane) in unknown region | exp_fuel_stw_cost | | | 31.192 | 6.645 | 18.157 | 44.226 | 1381 | 22.04 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in North region | exp_trans_n_cost | | | 109.746 | 30.836 | 49.254 | 170.239 | 1348 | 12.67 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Interior region | exp_trans_i_cost | | | 117.473 | 14.630 | 88.772 | 146.174 | 1348 | 64.47 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southwest region | exp_trans_sw_cost | | | 142.140 | 20.792 | 101.353 | 182.927 | 1348 | 46.74 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southcentral region | exp_trans_sc_cost | | | 162.243 | 22.816 | 117.484 | 207.002 | 1348 | 50.56 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in Southeast region | exp_trans_se_cost | | | 130.983 | 22.118 | 87.595 | 174.372 | 1348 | 35.07 | 0.000 |
| Amount spent on Transportation fees or tickets (commercial airplane, ferry, boat, rental car or RV within Alaska) in unknown region | exp_trans_stw_cost | | | 104.710 | 13.673 | 77.887 | 131.533 | 1367 | 58.64 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in North region | exp_guide_n_cost | | | 259.974 | 44.484 | 172.710 | 347.238 | 1356 | 34.16 | 0.000 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|--|--------------------|----------------------------|-----|---------|---------|-------------------------|-----------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Amount spent on Guide, outfitter, charter, and transporter fees in Interior region | exp_guide_i_cost | | | 450.303 | 65.930 | 320.966 | 579.640 | 1356 | 46.65 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southwest region | exp_guide_sw_cost | | | 882.508 | 166.119 | 556.630 | 1,208.387 | 1356 | 28.22 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southcentral region | exp_guide_sc_cost | | | 526.545 | 67.378 | 394.369 | 658.722 | 1356 | 61.07 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in Southeast region | exp_guide_se_cost | | | 387.238 | 59.899 | 269.732 | 504.743 | 1356 | 41.79 | 0.000 |
| Amount spent on Guide, outfitter, charter, and transporter fees in unknown region | exp_guide_stw_cost | | | 335.965 | 54.010 | 230.013 | 441.917 | 1378 | 38.69 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in North region | exp_grc_n_cost | | | 20.635 | 3.789 | 13.202 | 28.069 | 1352 | 29.65 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Interior region | exp_grc_i_cost | | | 58.807 | 5.478 | 48.060 | 69.555 | 1352 | 115.23 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southwest region | exp_grc_sw_cost | | | 27.040 | 3.821 | 19.544 | 34.536 | 1352 | 50.07 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southcentral region | exp_grc_sc_cost | | | 50.258 | 4.081 | 42.252 | 58.264 | 1352 | 151.65 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in Southeast region | exp_grc_se_cost | | | 26.131 | 2.952 | 20.339 | 31.922 | 1352 | 78.35 | 0.000 |
| Amount spent on Groceries, food, liquor purchased at stores in unknown region | exp_grc_stw_cost | | | 27.269 | 6.072 | 15.357 | 39.181 | 1381 | 20.17 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in North region | exp_rest_n_cost | | | 22.399 | 6.098 | 10.436 | 34.362 | 1352 | 13.49 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Interior region | exp_rest_i_cost | | | 38.054 | 3.429 | 31.328 | 44.781 | 1352 | 123.16 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southwest region | exp_rest_sw_cost | | | 38.420 | 9.986 | 18.830 | 58.010 | 1352 | 14.8 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southcentral region | exp_rest_sc_cost | | | 48.126 | 4.640 | 39.022 | 57.229 | 1352 | 107.56 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in Southeast region | exp_rest_se_cost | | | 23.370 | 2.662 | 18.147 | 28.593 | 1352 | 77.05 | 0.000 |
| Amount spent on meals at restaurants and bars (including fast food) in unknown region | exp_rest_stw_cost | | | 35.513 | 9.016 | 17.826 | 53.200 | 1382 | 15.51 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Interior region | exp_ldg_i_cost | | | 39.315 | 4.127 | 31.219 | 47.410 | 1348 | 90.77 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southwest region | exp_ldg_sw_cost | | | 42.502 | 6.795 | 29.172 | 55.832 | 1348 | 39.12 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southcentral region | exp_ldg_sc_cost | | | 55.214 | 6.680 | 42.109 | 68.318 | 1348 | 68.32 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in Southeast region | exp_ldg_se_cost | | | 41.411 | 6.124 | 29.398 | 53.424 | 1348 | 45.73 | 0.000 |
| Amount spent on Lodging (hotels, campgrounds, cabins) in unknown region | exp_ldg_stw_cost | | | 38.130 | 6.299 | 25.774 | 50.486 | 1375 | 36.65 | 0.000 |
| Amount spent on Equipment rental in North region | exp_eqp_n_cost | | | 5.674 | 2.188 | 1.383 | 9.966 | 1368 | 6.73 | 0.010 |
| Amount spent on Equipment rental in Interior region | exp_eqp_i_cost | | | 20.050 | 4.399 | 11.420 | 28.680 | 1368 | 20.77 | 0.000 |

| Variable Description | Variable | Low Significance indicator | | Mean | Std Err | 95% Confidence Interval | | Obs | F-stat | Prob >F |
|--|-------------------|----------------------------|-----|---------|---------|-------------------------|---------|------|--------|---------|
| | | .05 | .10 | | | | | | | |
| Amount spent on Equipment rental in Southwest region | exp_eqp_sw_cost | | | 10.897 | 4.315 | 2.432 | 19.362 | 1368 | 6.38 | 0.012 |
| Amount spent on Equipment rental in Southcentral region | exp_eqp_sc_cost | | | 3.250 | 1.130 | 1.033 | 5.467 | 1368 | 8.27 | 0.004 |
| Amount spent on Equipment rental in Southeast region | exp_eqp_se_cost | | | 5.641 | 1.941 | 1.833 | 9.449 | 1368 | 8.45 | 0.004 |
| Amount spent on Equipment rental in unknown region | exp_eqp_stw_cost | | | 10.594 | 3.088 | 4.537 | 16.652 | 1374 | 11.77 | 0.001 |
| Amount spent on Souvenirs and gifts in Interior region | exp_souv_i_cost | | | 33.690 | 6.312 | 21.308 | 46.072 | 1357 | 28.49 | 0.000 |
| Amount spent on Souvenirs and gifts in Southwest region | exp_souv_sw_cost | | | 22.689 | 3.961 | 14.918 | 30.460 | 1357 | 32.81 | 0.000 |
| Amount spent on Souvenirs and gifts in Southcentral region | exp_souv_sc_cost | | | 43.988 | 5.264 | 33.661 | 54.315 | 1357 | 69.82 | 0.000 |
| Amount spent on Souvenirs and gifts in Southeast region | exp_souv_se_cost | | | 28.568 | 6.394 | 16.025 | 41.110 | 1357 | 19.96 | 0.000 |
| Amount spent on Souvenirs and gifts in unknown region | exp_souv_stw_cost | | | 74.710 | 30.081 | 15.700 | 133.719 | 1380 | 6.17 | 0.013 |
| Amount spent on equipment in Interior region | gr_eqip_i | | | 33.207 | 13.199 | 7.314 | 59.099 | 1383 | 6.33 | 0.012 |
| Amount spent on equipment in Southwest region | gr_eqip_sw | X | | 23.486 | 13.249 | -2.503 | 49.476 | 1383 | 3.14 | 0.077 |
| Amount spent on equipment in Southcentral region | gr_eqip_sc | | | 44.352 | 7.557 | 29.528 | 59.176 | 1383 | 34.45 | 0.000 |
| Amount spent on equipment in Southeast region | gr_eqip_se | | | 18.253 | 3.722 | 10.952 | 25.555 | 1383 | 24.05 | 0.000 |
| Amount spent on equipment in unknown region | gr_eqip_stw | | | 82.237 | 26.836 | 29.593 | 134.881 | 1383 | 9.39 | 0.002 |
| Amount spent on vehicles in North region | gr_vehicle_n | | | 4.813 | 2.272 | 0.356 | 9.269 | 1383 | 4.49 | 0.034 |
| Amount spent on vehicles in Southwest region | gr_vehicle_sw | X | | 2.461 | 1.328 | -0.144 | 5.066 | 1383 | 3.44 | 0.064 |
| Amount spent on vehicles in Southeast region | gr_vehicle_se | | | 2.198 | 0.878 | 0.476 | 3.920 | 1383 | 6.27 | 0.012 |
| Amount spent on vehicles in unknown region | gr_vehicle_stw | | | 77.288 | 34.455 | 9.699 | 144.878 | 1383 | 5.03 | 0.025 |
| Amount spent on registration and fees in North region | gr_fees_n | X | | 3.741 | 2.002 | -0.186 | 7.668 | 1383 | 3.49 | 0.062 |
| Amount spent on registration and fees in Interior region | gr_fees_i | X | | 10.514 | 5.933 | -1.126 | 22.153 | 1383 | 3.14 | 0.077 |
| Amount spent on registration and fees in Southwest region | gr_fees_sw | X | | 6.884 | 3.715 | -0.403 | 14.172 | 1383 | 3.43 | 0.064 |
| Amount spent on registration and fees in Southcentral region | gr_fees_sc | | | 8.515 | 2.360 | 3.885 | 13.145 | 1383 | 13.02 | 0.000 |
| Amount spent on registration and fees in Southeast region | gr_fees_se | | | 5.577 | 1.837 | 1.975 | 9.180 | 1383 | 9.22 | 0.002 |
| Amount spent on registration and fees in unknown region | gr_fees_stw | | | 8.448 | 2.253 | 4.027 | 12.868 | 1383 | 14.06 | 0.000 |
| Amount spent on taxidermy in Interior region | gr_taxid_i | | | 38.571 | 11.145 | 16.707 | 60.436 | 1244 | 11.98 | 0.001 |
| Amount spent on taxidermy in Southwest region | gr_taxid_sw | | | 10.773 | 3.255 | 4.387 | 17.158 | 1244 | 10.95 | 0.001 |
| Amount spent on taxidermy in Southcentral region | gr_taxid_sc | | | 56.771 | 9.620 | 37.898 | 75.645 | 1244 | 34.83 | 0.000 |
| Amount spent on taxidermy in Southeast region | gr_taxid_se | | | 11.678 | 3.152 | 5.493 | 17.862 | 1244 | 13.72 | 0.000 |
| Amount spent on taxidermy in unknown region | gr_taxid_stw | | | 76.859 | 24.019 | 29.734 | 123.984 | 1337 | 10.24 | 0.001 |
| Amount spent on real estate purchase and construction in Interior region | re_const_i_cost | X | | 91.994 | 53.797 | -13.538 | 197.526 | 1381 | 2.92 | 0.088 |
| Amount spent on real estate purchase and construction in Southeast region | re_const_se_cost | X | | 147.484 | 88.627 | -26.374 | 321.341 | 1381 | 2.77 | 0.096 |
| Amount spent on real estate maintenance and repairs in Southcentral region | re_repr_sc_cost | X | | 13.371 | 7.359 | -1.064 | 27.807 | 1383 | 3.3 | 0.069 |