INVESTIGATION OF THE USE OF CATCH-EFFORT MODELS TO ESTIMATE ABUNDANCE OF
WHITE-TAILED DEER AT FORT INDIANTOWN GAP NATIONAL GUARD TRAINING CENTER

FINAL REPORT

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Executive Summary

Abundant white-tailed deer (*Odocoileus virginianus*) at Fort Indiantown Gap National Guard Training Center (FIG-NGTC) present a safety hazard to aircraft at Muir Army Field, reduce understory vegetation in forested habitats to the detriment of military training activities, and can adversely affect forest regeneration after silvicultural treatments. To best manage deer populations, baseline data regarding the deer population and habitat condition are required to assess the efficacy of future management actions designed to reduce the deer population.

We designed this study to test the ability of catch-effort models to estimate the deer population size on FIG-NGTC. Catch-effort models are appealing because they simply require hunter effort and harvest data to estimate population size, which are data that can be collected readily, especially on a military installation that closely regulates access. However, catch-effort models may not provide good (accurate and precise) estimates of abundance if hunting pressure does not vary and hunters harvest few deer. Consequently, we designed this study to compare population estimates obtained from a more reliable, but expensive, method to assess whether catch-effort models are feasible on FIG-NGTC.

We captured and radio-collared deer using Clover traps, rocket nets, dart guns, and drop nets during December – April of 2003 and 2004. Attached to radio-collars were unique alpha-numeric two-digit characters that could be used to identify individual animals during spotlight surveys. We used sightings of radio-collared and uncollared deer during spotlight surveys to estimate abundance using Bowden's estimator (Bowden and Kufeld 1995). This estimator requires less restrictive assumptions during sighting surveys than other mark-sight estimators. During the regular rifle season we used hunter check-in data collected at Range Control to determine hunter effort and harvest. These data were used in a catch-effort model (Gould and Pollock 1997) to estimate abundance.

In 2003 we had 35 radio-collared deer available prior to the spring spotlight surveys and 30 deer available during spotlight surveys conducted prior to the fall hunting season. We estimated there were 1,266 deer (95% CI = 810 – 1,979) or 48.1 deer per square mile (95% CI = 31 – 75) in spring 2003. In fall 2003 we estimated 1,021 deer (95% CI = 812 -1,284; 38.8 deer/sq. mile). In 2004, we had 55 deer available during the spring spotlight surveys and estimated 766 deer (95% CI = 611 – 961) or 29.1 deer per square mile (95% CI = 23 – 37). Prior to the 2004 regular rifle season we estimated 1,485 deer (95% CI = 1,105 – 1,995) or 56.5 deer per square mile (95% CI = 42 – 76). Too few radio-collared, antlered deer were observed during spotlight surveys to separately estimate abundance of antlered and antlerless deer.

We used hunter-trips as a measure of hunter effort and found that this varied greatly among days and training areas. On some days, usually Saturday, the density of hunter-trips on some training areas exceeded 100 hunter-trips per square mile, although hunter-trip densities on most training areas were $\leq$12 hunter-trips per square mile. Daily hunter effort, during the regular rifle season, ranged from 52 – 429 hunter trips during 2003 and 30 – 438 hunter trips in 2004. During the regular rifle season 26 antlered and 97 antlerless deer were harvested in 2003 and 28 antlered and 99 antlerless deer were harvested in 2004. Based on our estimates of population size and harvest, harvest rates were 9 – 12% during the regular rifle season and <15% for all deer seasons combined.

Catch-effort population estimates did not provide reasonable estimates of abundance ($\hat{N}$ < 200) for either year. One reason the catch-effort model did not work was because harvest rates

were too low. Also, analysis of the density of hunter-trips on training areas suggest that hunter density may be so great on some training areas that deer may move onto adjacent areas closed to hunting. This is possible because training areas are small (median = 0.38 sq. miles = 240 acres) and many training areas receive little or no hunting. Consequently, the abundance estimates from the catch-effort model may be accurate for the areas being hunted but the hunting data are not representative of the complete installation.

Given the existing methods by which hunting is implemented on FIG-NGTC, we do not believe catch-effort models will be useful for estimating population size unless hunting effort is more evenly distributed among training areas and better data on hunter effort and harvest are collected. However, in the course of our study of deer abundance, hunter effort, and deer harvest, we provide the following recommendations, which could increase hunter success rates, overall harvest, and hunter satisfaction:

1. Greater oversight of hunters during sign-out procedures will be required if better data are to be obtained regarding the training areas where hunters hunt. In particular, correctly recording where they actually hunted, and whether they harvested a deer would be especially useful information.

2. Requiring hunters to present their deer at a check station would greatly improve the accuracy of deer harvest estimates. Furthermore, this would provide valuable data on the sex, age, and physical characteristics of harvested deer.

3. Hunter success rates likely were adversely affected by the high hunter densities on some training areas on certain days, especially Saturdays. The following recommendations could increase hunter satisfaction and success rates:
   a. Limit hunter density at any given time in a given training area to $\leq$12 hunters per square mile (1 hunter per 50 acres).
   b. Maximize the number of training areas open to hunting, especially during the regular rifle season when hunter participation and harvest efficiency is greatest.
   c. Consider consolidating smaller training areas to provide hunters with greater flexibility in where they can hunt.

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Introduction

The draft Integrated Natural Resources Management Plan for the Fort Indiantown Gap National Guard Training Center (FIG-NGTC) indicates that white-tailed deer (*Odocoileus virginianus*) are having adverse effects on the habitat, that deer numbers need to be reduced, and that hunting is the most effective and practical means of controlling deer populations. However, no statistically defensible estimates of abundance exist for FIG-NGTC. Based on spotlight surveys, an estimated 42 deer per square mile were observed in 1995 and an estimated 10 deer per square mile were observed in 2001. In 2004, an aerial survey was conducted using infra-red technology and 1,378 deer were observed, which provided density estimates ranging from 25.7 – 93.9 deer per square mile on different areas of FIG-NGTC. No measures of the precisions of the spotlight survey counts were available because a statistically based sampling design was not conducted. Likewise, the aerial surveys were counts of the number of deer observed and did not correct for visibility bias (Haroldson et al. 2003), but represent a minimum number of deer on the installation.

Abundant white-tailed deer present a safety hazard to aircraft at Muir Army Field, reduce understory vegetation to the detriment of military training activities, and can adversely affect forest regeneration after silvicultural treatments. To best manage deer populations, baseline data regarding the deer population and habitat condition are required to assess the efficacy of future management actions designed to reduce the deer population.

We designed a study to test the ability of catch-effort models to estimate the deer population size on FIG-NGTC. Catch-effort models are appealing because they simply require hunter effort and harvest data to estimate population size, which are data that can be collected readily, especially on a military installation that closely regulates access. However, catch-effort models may not provide good (accurate and precise) estimates of abundance if hunting pressure does not vary and hunters harvest few deer. Consequently, we designed a study to compare population estimates obtained from a more reliable, but expensive, method to assess whether catch-effort models are feasible on FIG-NGTC.

Catch-effort models have been used traditionally in fish management, and have only recently been applied to terrestrial wildlife populations (e.g., Dupont 1983, Laake 1991, Lancia et al. 1996). Few studies have evaluated whether these methods are feasible for implementation in operational management situations.

Study Area

This research was conducted at FIG-NGTC in Lebanon and Dauphin counties near Annville, Pennsylvania. The installation is located in the Ridge and Valley physiographic province and contains both ridge and valley habitat. The area of the installation (Figure 1) in which we attempted to estimate the deer population was 26.3 square miles. However, because of access problems to certain training areas during trapping and sighting surveys, our study likely underestimated the deer population.

On training areas A-1, A-2, A-3, A-9, A-11, A-12, A-13, A-22, B-10, C-9, D-2, D-4, D-5, D-7, D-8, Impact Area, Ammunition Supply Point (ASP), and Cantonment we were not able to capture deer, and were not able to sufficiently survey all the areas during spotlight surveys.
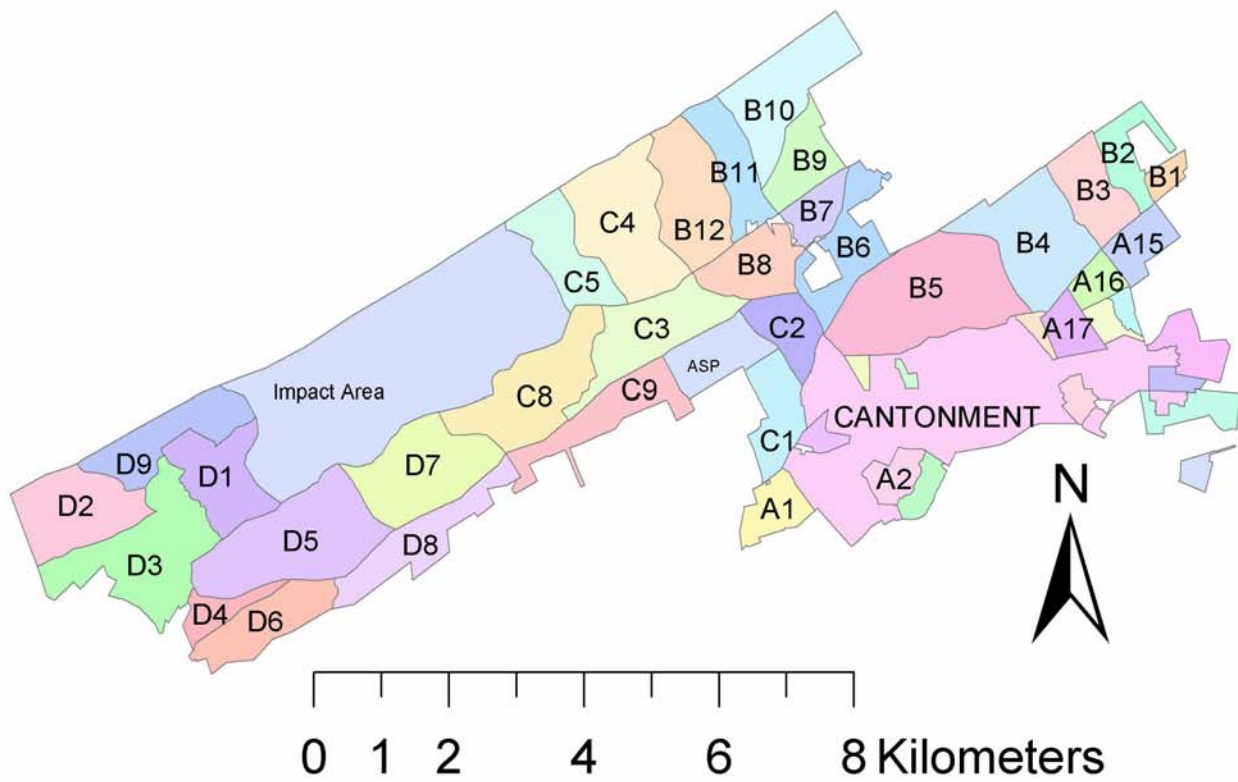
Figure 1. Training areas at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania.

These training areas totaled 12.6 square miles, although not all the areas were excluded from surveys. For example, during spotlight surveys we were able to survey a portion of the Impact Area from McLean Road and from roads along the eastern and western borders of the Impact Area. Consequently, population density estimates that completely excluded these training areas would result in over-estimates of deer density and population estimates that included all these areas would under-estimate deer density.

Methods

Field Methods and Data Collection

We captured deer following the close of the deer hunting seasons in Pennsylvania through early April under a Special Use Permit (120-2002 and 148-2003) issued by the Pennsylvania Game Commission. We attempted to capture deer throughout the installation, except for the Cantonment area and the Impact Area. Figure 2 provides the locations where deer capture sites were located.

We used primarily rocket nets, but also Clover traps, drop nets, and dart guns. Trap sites were baited with shelled corn. Deer captured with rocket or drop nets were sedated with five mg/kg body weight of xylazine hydrochloride intramuscularly and administered 4 mg/kg body weight of tolazoline (intramuscularly) as a reversal agent. Deer captured in nets were sedated because this has been found to reduce the incidence of capture myopathy (Conner 1987). Deer captured using dart guns were administered an intramuscular injection of a combination of ketamine hydrochloride (7.5 mg/kg body weight) and xylazine (1.5 mg/kg body weight). All capture and handling procedures were approved by the Institutional Animal Care and Use Committee at The Pennsylvania State University (IACUC # 15089).

All captured deer were injected subcutaneously with a passive integrated transponder (PIT) tag and fitted with radio-collars (Model M2510, Advance Telemetry Systems, Isanti, Minnesota, USA). The collar contained a short section (6.4 cm) of elastic material to accommodate growth of yearling deer or adult males during the rut. If a deer had a particularly small neck we used foam padding that degraded upon exposure to ultraviolet radiation on the inside of the collar. This padding lessened the likelihood of the collar being cast. Each collar also had two unique alpha-numeric characters (5 cm × 7.5 cm) riveted to each side of the collar (Figure 3). These were to facilitate identification of individual collared deer during spotlight surveys.

We conducted spotlight surveys twice a year. The first survey occurred after the capture period and before leaves emerged on trees and shrubs. The second survey occurred after the archery season and prior to the regular rifle season. We determined which radio-collared deer were on the study area prior to conducting the survey. Most spotlight surveys began at dusk and continued until deer activity declined and few deer were observed (usually around midnight). We conducted two morning surveys in May 2003, but few deer ($\leq$23) were observed and only evening spotlight surveys were conducted thereafter. Because Bowden's estimator (Bowden and Kufeld 1995) does not require equal probability of resighting among animals, it was not necessary to completely survey the study area during each evening. However, we tried to cover as much area as possible and on subsequent surveys we often visited areas not surveyed during the previous survey. Also, on some evenings it may not have been possible to survey certain
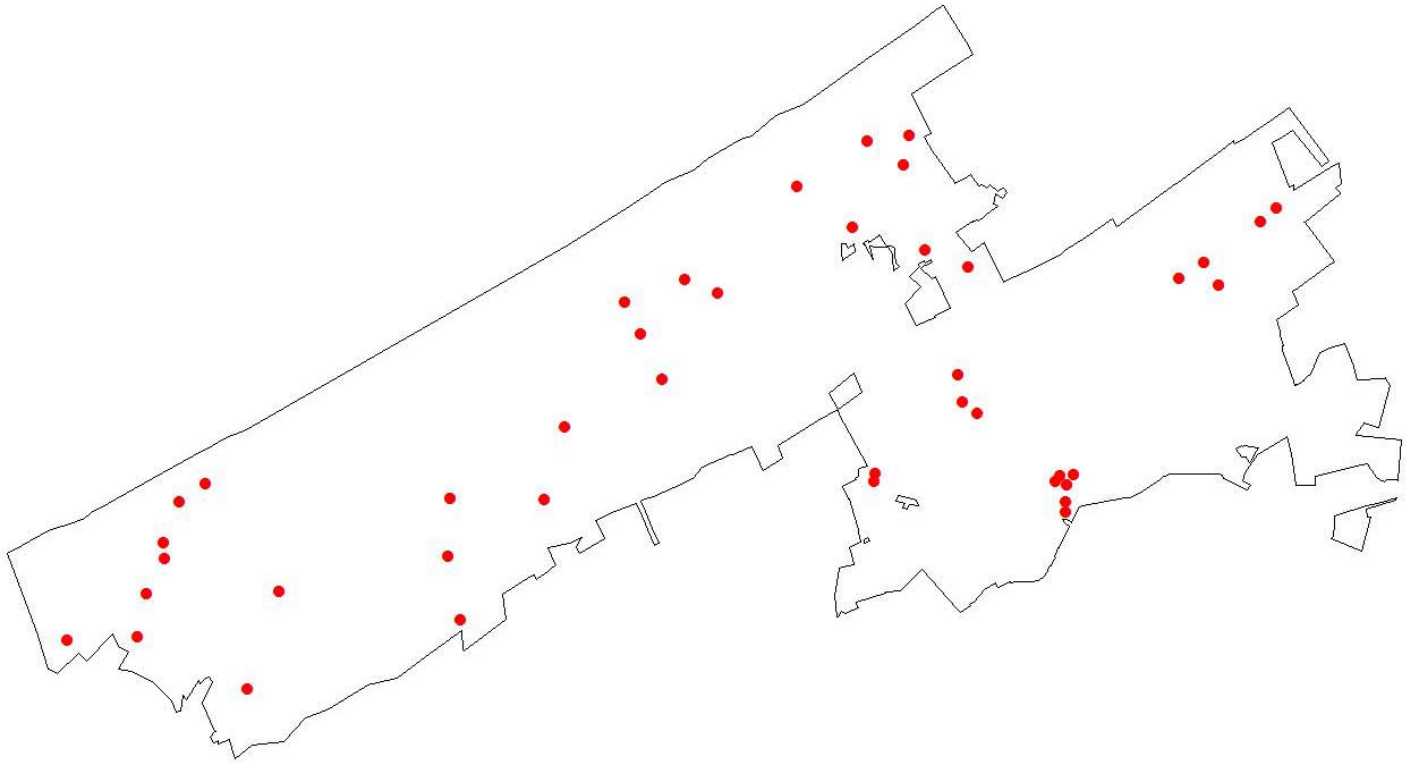
Figure 2. Trapping locations where shelled corn was used to attract deer for capture at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2003-04.

Figure 3. The radio-collar design used on white-tailed deer at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania. Note the 6.4 cm elastic section at the top of the collar to accommodate neck growth in deer and the 5 cm × 7.5 cm alpha-numeric characters for visually identifying deer during spotlight surveys.

training areas because of night-time training activities.

During the hunting seasons, all hunters were required to sign in with Range Control to indicate where they were hunting. When finished hunting, hunters signed out with Range Control and indicated the age (fawn, adult) and sex of any deer harvested. This sign-in procedure provided hunter effort (hours and hunter-trips) and harvest data. In addition, during the regular rifle season we staffed a check station where harvested deer could be checked for PIT tags and radio-collars, as well as be weighed, aged, and sexed.

Data Analysis

Spotlight surveys. — We estimated abundance using Bowden's estimator (Bowden and Kufeld 1995). This estimator has the following assumptions:

1. Each of the N animals in the population has an equal chance of being selected and marked, and selections are independent of one another,
2. The number of times each marked animal is sighted can be determined without error,
3. The sighting effort must be sufficient to produce ≥ 1, preferably many, sightings of the n marked animals,
4. The number of sightings of unmarked animals is determined without error and only includes the $N - n$ unmarked animals of the population of interest, and
5. The sighting effort is conducted independently of whether an animal is marked.

If we mark n animals of a population of size N, define y_i = the number of times animal i ($i = 1, \ldots, n$) is sighted, and Y is the total number of animal sightings, then the mean number of times an animal is sighted during the survey period is

$$\bar{y} = \sum_{i=1}^{n} \frac{y_i}{n}.$$

The sample variance is calculated as

$$s_y^2 = \sum_{i=1}^{n} \frac{(y_i - \bar{y})^2}{n-1}.$$

An intuitive estimator of N, $\tilde{N} = Y/\bar{y}$ is equivalent to a Lincoln-Petersen estimate of population size if each value of y_i is either 0 or 1.

An approximately unbiased estimator of N is

$$\hat{N} = \frac{\left(\tilde{N} + \dfrac{s_y^2}{\bar{y}^2} \right)}{\left(1 + \dfrac{s_y^2}{n\bar{y}^2} \right)}$$

with estimated variance

$$\hat{V}\left(\hat{N}\right) = \frac{\hat{N}^2 \left(\dfrac{1}{n} - \dfrac{1}{\hat{N}} \right) \dfrac{s_y^2}{\bar{y}^2}}{\left(1 + \dfrac{s_y^2}{n\bar{y}^2} \right)^2}.$$

If radio-collared deer were observed during the survey, but were not identified to the specific individual, then adjustments to the population and variance estimates were necessary. We estimated a squared coefficient of variation ($\hat{C}V_{y'}^2$; Bowden and Kufeld 1995: Appendix C). Let k be the total number of times a radio-collared deer was sighted, and let u be the number of sightings in which the radio-collared deer was not identified and let m be the number of times a radio-collared deer was individually identified (i.e., $k = u + m$). Define y_i' to be the average number of times the ith radio-collared deer was individually identified. Then

$$\hat{C}V_y^2 = \frac{s_{y'}^2}{(\bar{y}')^2} - \frac{u}{m\bar{y}} = \frac{n^2 s_{y'}^2}{m^2} - \frac{nu}{mk},$$

where $s_{y'}^2$ is the sample variance, and $\bar{y}'$ is the sample mean, of the y_i' values. We then substituted $\hat{C}V_{y'}^2$ for $\dfrac{s_y^2}{\bar{y}^2}$ when estimating population size, variance, and confidence limits.

To calculate confidence limits a logarithmic transformation can be used (Bowden and Kufeld 1995: Appendix A) where

$$C = \exp\left(t_{0.95/2, n-1} \sqrt{\left[\frac{1}{n} - \frac{1}{\hat{N}} \frac{s_y^2}{\bar{y}^2} \right]} \right)$$

and

$$95\% \ CI = \left[\frac{\hat{N}}{C}, \hat{N} \cdot C \right].$$

The Bowden estimator assumes the population is closed (i.e., no births, deaths, immigration, or emigration) during resighting surveys; hence the number of marked animals in the population is constant. Unfortunately, during the course of spotlight surveys, especially during the fall, the number of marked animals on the study area changed because of mortalities or movements of individuals off the study area. Consequently, we estimated N using Bowden's estimator for individual surveys during a spotlight survey period or for multiple consecutive surveys if the same marked animals were on the study area. These population estimates for individual surveys were averaged to obtain a single estimate for the spotlight survey period (Rice and Harder 1977). The standard error of these estimates was used to calculate a confidence interval (using the logarithmic transformation) about the population estimate.

Hunter Effort and Check Stations.— We used data from hunter sign-in and sign-out records to calculate the number of hours each hunter was on the study area. We did not attempt to correct for travel time from/to the Range Control office, but assumed that this time would be similar for all hunters. Because effort information in catch-effort models is used as a relative measure of effort, including travel time in the measure of hunter effort should not violate the assumptions of the catch-effort models. Also, we calculated the number of hunter-trips each day as simply the number of times a hunter signed in at Range Control. A hunter who hunted in the morning, left mid-day, and returned to hunt in the afternoon was counted as two hunter trips.

The original plan for this project was to estimate N using catch-effort data collected during the 2002-03, 2003-04, and 2004-05 hunting seasons. However, no effort data were retained by Range Control in 2002-03, and in 2003-04 the times that hunters signed in and out either were not recorded or did not indicate morning and evening. Consequently, for the 2004-05 data we conducted a linear regression analysis to estimate the correlation between hunter-hours and hunter-trips. If hunter-hours and hunter-trips were strongly correlated then we could use hunter-trips as a measure of hunter effort and analyze both 2003-04 and 2004-05 catch-effort data.

We staffed a single check station during the regular rifle season to obtain sex, age, weight, number of antler points, and other morphometric data on harvested deer. In addition, we checked for tagged deer that may have cast a radio-collar. These data, in conjunction with harvest data recorded by FIG-NGTC biologists and self-reported hunter harvest data recorded on Range Control sign-in records, provided harvest estimates for the catch-effort analysis.

Catch-Effort Population Estimates.— We used a conditional likelihood approach to estimate N using catch-effort data (Gould and Pollock 1997) for antlered and antlerless deer separately. Let N = the population size at the start of the regular rifle season (for antlered or antlerless deer), n_i = the number of deer killed during the ith day ($i = 1, \ldots, s$), $x_i = \sum_{j=1}^{i-1} n_j$, the previous cumulative effort ($i = 2, \ldots, s+1$; $x_1 = 0$; x_{s+1} = total annual harvest), f_i = number of hunters on day i, k = harvest coefficient (harvest rate per unit of effort), $p_i = 1 - e^{-kf}$ = probability of harvest for a deer given f_i units of hunting effort, and $q_i = 1 - p_i = e^{-kf}$. This parameterization of probability of harvest assumes a Poisson process for sampling effort. Finally, $Q = \left(1 - p_1 - q_1 p_2 \cdots - q_1 q_2 \cdots q_{s-1} p_s \right)$, in which $1 - Q$ is the probability that a deer is harvested during one of the hunting days.

We used program SURVIV (White 1983) to maximize the likelihood of the total harvest (x_{s+1}) given the observed harvests (vector of n_i's):

$$L(x_{s+1} \mid \underline{n}) = \frac{x_{s+1}!}{\prod_{i=1}^{s} n_i} \left[\frac{p_1}{1-Q}\right]^{n_1} \left[\frac{q_1 p_2}{1-Q}\right]^{n_2} \cdots \left[\frac{q_1 q_2 \cdots q_{s-1} p_s}{1-Q}\right]^{n_s}.$$

If we model the p_i's and q_i's in terms of the harvest quotient (termed 'catchability quotient' in the fisheries literature), k, then maximizing this likelihood provides an estimate of k (see Appendix A), which can be used to estimate p_i, q_i, and Q. In turn,

$$\hat{N} = \frac{x_{s+1}}{1 - \hat{Q}}.$$

An estimate of the variance of $\hat{N}$ can be obtained by using a parametric bootstrap approach described in Gould and Pollock (1997).

Results

Deer Captures

Baiting of trapping sites (Figure 2) began 13 January 2003 and deer capture occurred during 27 January to 16 April 2003. Rocket nets and drop nets were set 121 times on 65 nights. Dart gun capture of deer was attempted 12 times and resulted in two captures. Forty-four total deer were captured, representing 43 individuals (1 adult male was captured twice): seven juvenile females, 11 juvenile males, 17 adult females, and eight adult males. Of the 43 individuals, one juvenile female was released with a collar not transmitting, three (2 adult females, 1 adult male) died of undetermined causes, and four (1 juvenile male, 1 juvenile female, 2 adult females) cast collars. As of 8 May 2003, there were 35 radio-collared deer being monitored and prior to the fall spotlight surveys there were 30 radio-collared deer being monitored.

In 2004 we captured 77 deer 91 times, of which 43 new deer received radio-collars. We intentionally radio-collared fewer juvenile males in 2004. In 2003, many of the radio-collared juvenile males captured dispersed out of the study area prior to the hunting season, which resulted in fewer radio-collared deer for the spotlight surveys. We began capturing deer 20 December 2003 using Clover traps in areas closed to hunting, and began trapping with rocket and drop nets 26 January 2004. Capture efforts concluded by mid April 2004. The age-sex distribution of captures was 18 juvenile females, 29 juvenile males, 35 adult females, and eight adult males. During spotlight surveys of spring 2004, 55 radio-collared were deer monitored.

Population Estimates from Spotlight Surveys

Too few radio-collared, antlered deer were observed during spotlight surveys to separately estimate abundance of antlered and antlerless deer. We conducted 6–10 spotlight surveys to estimate abundance in spring (April-May) and fall (October-November) in 2003 and 2004 (Tables 1–3, Figure 4). In spring 2003, 35 deer were radio-collared on the study area and during spotlight surveys 0–4 radio-collared deer were sighted. Because no deer were sighted on four surveys we could estimate population estimates for only three surveys (Table 4). We estimated there were 3,343 deer (95% CI = 1,754 – 6,373) on the study area based on Bowden's estimator, which used data from all surveys even if no radio-collared deer were sighted. Using an average of only those surveys in which radio-collared deer were sighted we estimated there were 1,266 deer (95% CI = 810 – 1,979) or 48.1 deer per square mile (95% CI = 31 – 75).

In fall 2003, we conducted 11 spotlight surveys in which 21–30 radio-collared deer were on the study area and we observed 0 – 4 radio-collared deer during individual spotlight surveys (Tables 1 and 2). Population estimates for individual surveys ranged from 421 – 1,481 deer (16 – 56 deer/sq. mile, Table 4). The last four surveys had 21 radio-collared deer on the study area

Table 1. Date and times that spotlight surveys were conducted and summary statistics of sightings of radio-collared and unmarked deer on Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2003-04.

Date	Time of survey Start	End	No. marked deer[a]	Y[b]	u[c]	m[d]	$\bar{y}'$[e]	$s^2_{y'}$[e]
18 Apr 2003	1500	2130	35	61	0	1	0.03	0.0286
19 Apr 2003	0630	1100	35	13	0	0	0.00	
24 Apr 2003	1550	2200	35	110	2	4	0.11	0.1042
25 Apr 2003	0550	0830	35	23	3	0	0.00	
28 Apr 2003	1500	2145	35	123	0	0	0.00	
01 May 2003	1730	2230	35	141	0	0	0.00	
08 May 2003	1730	2230	35	104	0	1	0.03	0.0286
28 Sep 2003	1830	2200	30	102	2	0	0.00	
29 Sep 2003	1809	2230	30	125	0	0	0.00	
15 Oct 2003	1800	2210	25	65	0	3	0.12	0.1100
20 Oct 2003	1745	2145	25	113	0	1	0.04	0.0400
09 Nov 2003	1600	2130	23	82	1	2	0.09	0.0830
10 Nov 2003	1645	2120	22	173	0	2	0.09	0.0866
16 Nov 2003	1650	2130	21	140	0	1	0.05	0.0476
17 Nov 2003	ND	ND	21	92	0	2	0.10	0.0905
23 Nov 2003	1610	2120	21	251	0	4	0.19	0.1619
26 Nov 2003	1615	2030	21	161	0	4	0.19	0.1619
15 Apr 2004	2200	0130	55	86	0	1	0.02	0.0182
16 Apr 2004	2100	0200	53	107	0	8	0.15	0.1306
18 Apr 2004	1900	0100	53	158	3	8	0.15	0.1306
19 Apr 2004	1940	0130	53	155	1	11	0.21	0.1676
25 Apr 2004	2045	2300	53	69	1	3	0.06	0.0544
26 Apr 2004	2045	0200	53	152	0	10	0.19	0.2061
29 Apr 2004	2045	1230	53	95	0	10	0.19	0.1437
03 May 2004	2030	0200	52	63	0	3	0.06	0.0377
08 Nov 2004	ND	ND	40	93	0	5	0.13	0.1122
10 Nov 2004	ND	ND	38	143	0	1	0.03	0.0263
14 Nov 2004	ND	ND	37	166	0	3	0.08	0.0766
17 Nov 2004	1800	0100	36	242	0	6	0.17	0.1429
19 Nov 2004	1740	2230	35	193	0	5	0.14	0.1261
21 Nov 2004	1728	2345	35	158	0	2	0.06	0.0555

[a] Number of radio-collared deer on the study area.
[b] Y = total number of deer observed during survey.
[c] u = number of radio-collared deer observed but not identified.
[d] Total number of sightings of radio-collared deer.
[e] When $u = 0$ then $\bar{y}' = \bar{y}$ (see Methods).

Table 2. Date and number of times individual radio-collared deer were observed (for deer observed ≥ 1 time) during spotlight surveys at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2003.

Date	Number of times observed during each spotlight survey														
	A1	B5	B7	C4	E7	E9	H4	N8	N9	P3	T1	T2	X1	Y5	Y9
18 Apr 2003	1														
19 Apr 2003															
24 Apr 2003								1		1	1			1	
25 Apr 2003															
28 Apr 2003															
01 May 2003															
08 May 2003				1											
28 Sep 2003															
29 Sep 2003															
15 Oct 2003		1			1					1					
20 Oct 2003						1									
09 Nov 2003										1		1			
10 Nov 2003										1					1
16 Nov 2003									1						
17 Nov 2003								1						1	
23 Nov 2003		1							1	1			1		
26 Nov 2003			1		1									1	1

Table 3. Date and number of times individual radio-collared deer were observed (for deer observed ≥ 1 time) during spotlight surveys at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2004.

Number of times observed during each spotlight survey

	A	A	A	B	B	B	B	C	E	E	H	H	I	N	S	S	S	T	T	V	V	X	X	X	Y	Y	Y
Date	1	2	4	0	5	7	9	3	7	9	3	4	8	9	7	8	9	2	3	5	8	1	3	4	0	8	9
15 Apr 2004														1													
16 Apr 2004							1	1		1	1	1		1						1							1
18 Apr 2004			1			1[a]					1	1		1				1		1			1				
19 Apr 2004	1		1		1	1		1	1	1										1		1	1				1
25 Apr 2004											1	1														1	
26 Apr 2004	1				1						2	1	1							1	1			1	1	1	
29 Apr 2004	1		1	1		1					1	1								1	1		1				
03 May 2004	1						1																				
08 Nov 2004	1	1			1														1	1							
10 Nov 2004											1																
14 Nov 2004																				1			1	1			
17 Nov 2004							1				1			1						1			1		1		
19 Nov 2004											1					1	1			1			1				
21 Nov 2004											1									1							

[a] This may have been a sighting of deer T1, but because B7 and T1 both were not sighted it does not affect the calculation of $\hat{N}$.

Table 4. Population estimates of deer at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2003.

Date	Method[b]	n[c]	$\hat{D}$	95% CI	$\hat{N}$	95% CI	%CV
18 Apr 2003	Bowden	35	41.2	17 – 103	1,084	435 – 2,700	591.9
19 Apr 2003[a]		35					
24 Apr 2003	Bowden	35	33.3	19 – 58	876	506 – 1,515	189.8
25 Apr 2003 [a]		35					
28 Apr 2003 [a]		35					
01 May 2003[a]		35					
08 May 2003	Bowden	35	69.8	28 – 175	1,837	733 – 4,600	591.9
18 Apr–8 May 2003	Bowden	35	127.1	67 – 242	3,343	1,754 – 6,373	33.8
18 Apr–8 May 2003	Average		48.1	31 – 75	1,266	810 – 1,979	24.2
28 Sep 2003 [a]		30					
29 Sep 2003 [a]		30					
15 Oct 2003	Bowden	25	16.0	7 – 35	421	194 – 913	276.4
20 Oct 2003	Bowden	25	54.2	22 – 136	1,425	568 – 3,571	500.0
09 Nov 2003	Bowden	23	29.4	14 – 61	773	374 – 1,596	228.6
10 Nov 2003	Bowden	22	49.3	21 – 117	1,296	545 – 3,077	323.7
16 Nov 2003	Bowden	21	56.3	22 – 141	1,481	590 – 3,717	458.3
17 Nov 2003	Bowden	21	25.2	11 – 59	662	280 – 1,562	315.8
23 Nov 2003	Bowden	21	41.4	20 – 85	1,090	533 – 2,226	211.2
26 Nov 2003	Bowden	21	26.7	13 – 54	701	344 – 1,426	211.2
16-26 Nov 2003	Bowden	21	43.4	27 – 71	1,144	700 – 1,869	126.6
16-26 Nov 2003	Average		34.2	26 – 45	899	683 – 1,184	14.1
09-26 Nov 2003	Average		38.8	31 – 49	1,021	812 – 1,284	11.7

[a] Population estimates not possible for individual surveys because no radio-collared deer were sighted.

[b] Method of estimating population size: Bowden = Bowden's estimator (Bowden and Kufeld 1995); and Average = average of Bowden estimates from individual surveys were ≥1 radio-collared deer was sighted (Rice and Harder 1977).

[c] Number of marked deer on the study area.
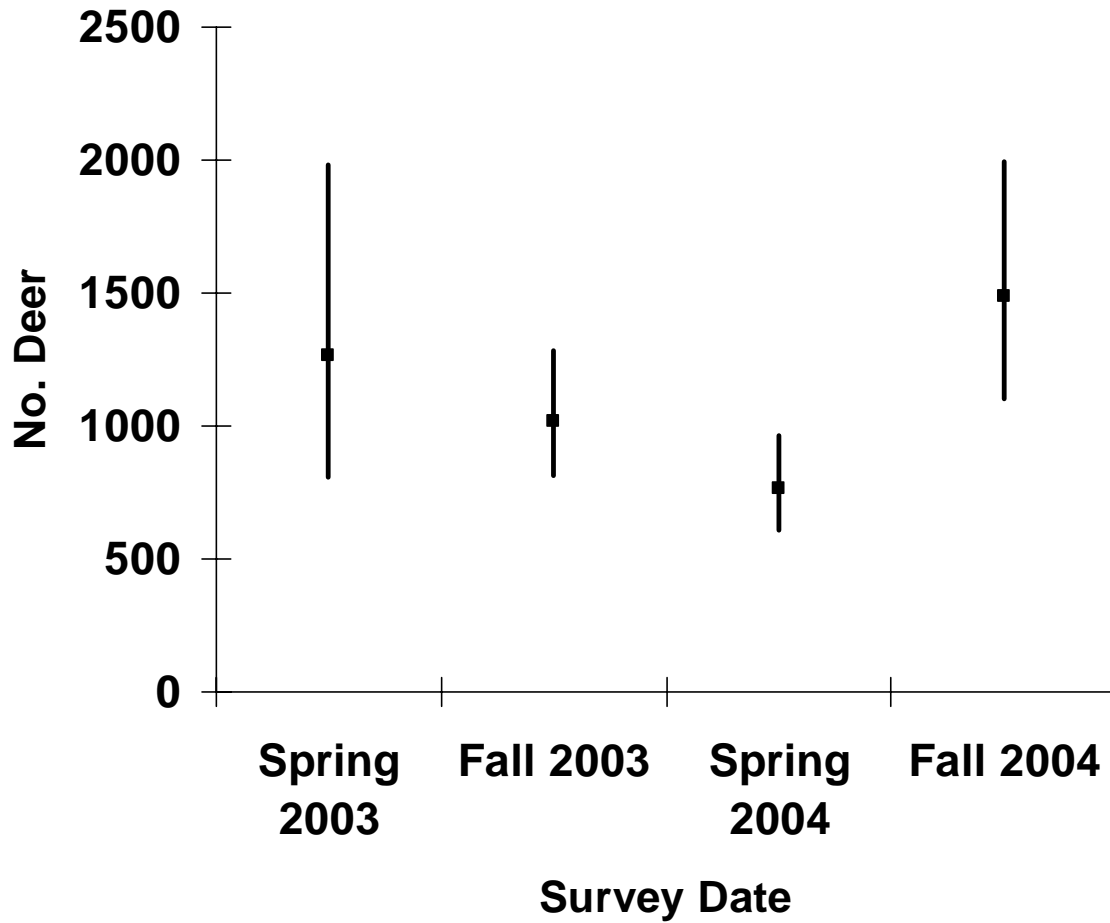
Figure 4. Population estimates based Bowden's estimates of abundance averaged over multiple spotlight surveys, Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2003-04.

In Spring 2004 we had 52 – 55 radio-collared deer on the study area and observed 1 – 11 radio-collared deer on eight spotlight surveys (Tables 1 and 3). We estimated 472 – 2,391 deer (17.9 – 90.9 deer/sq. mile) during individual surveys (Table 5), and during six surveys when 53 radio-collared deer were on the study area we estimated there were 759 deer (28.9 deer/sq. mile) using the Bowden estimator (95% CI = 534 – 1,077) and 766 deer (29.1 deer/sq. mile) using the average of these six estimates (95% CI = 611 – 961).

In Fall 2004, we had 35 – 40 radio-collared deer on the study area during six spotlight surveys (Tables 1 and 3). We estimated 603 – 1,743 deer (22.9 – 66.3 deer/sq. mile) on the study from the individual survey estimates (Table 5), and an average of these estimates was 1,485 deer (95% CI = 1,105 – 1,995) or 56.5 deer per square mile (95% CI = 42 – 76).

Hunting Effort and Harvest

We found that hunter-hours was correlated with hunter-trips ($r = 0.985$, $n = 45$, $P < 0.001$) during 12 October – 30 December 2004; therefore, we used hunter-trips as a measure of hunting effort for the 2003 and 2004 regular rifle seasons. During the check station operated during the regular rifle seasons of 2003 and 2004, not all hunters voluntarily presented their deer. Consequently, we relied on harvest numbers compiled by the staff wildlife biologist (J. Hovis, personal communication) from check station and Range Control records.

In 2003, hunters reported two training areas in which they planned to hunt, but were not required to indicate whether they hunted in both areas and the amount of time they spent hunting in either area. In 2004, hunters were required to indicate the proportion of time they spent hunting in each area and 65% of hunter trips ($n = 1,859$) were spent 100% of the time in their first choice, 21% split their time evenly between training areas, and 5% spent 100% of their time in the second choice. The remaining 8% of hunting trips reported hunters spending 5 – 95% of time in their training area of first choice. Unfortunately, 59% of hunter trips did not have the proportion of time spent in each training area provided by the hunter. Because the majority of hunters did not indicate in which training area they hunted, we assigned each hunting trip to the training area indicated as the first choice for both 2003 and 2004. Also, for 2004 we were not able to obtain hunter effort data for the first week of the archery season and the last week of the late muzzleloader season (see Appendices B and C).

The relative amount of hunting effort for the 2003 and 2004 hunting seasons, expressed as number of hunter-trips per square mile, is presented in Figure 5. In 2003, hunters reported the area they planned to hunt 86% of the time ($n = 8,003$ hunting trips), and in 2004 they reported the area they planned to hunt 92% of the time ($n = 5,559$ hunting trips). Hunter-trips per square mile per day ranged from 0 - >100 among training areas (Figure 6; Appendices B and C).

The average time between sign-in and sign-out was 5.82 hours ($n = 5,507$), although the distribution was right-skewed and the median was 4.88 hours. Twenty percent of hunts were <2.5 hours or >11.3 hours. The average time between sign-in and sign-out was greater on Saturday ($\bar{x} = 6.2$ hrs, $n = 1,547$, SE = 0.08) compared to weekdays ($\bar{x} = 5.7$ hrs, $n = 3,960$, SE = 0.05).

Table 5. Population estimates of deer at Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2004.

Date	Method[a]	n[b]	$\hat{D}$	95% CI	$\hat{N}$	95% CI	CV
15 Apr 2004	Bowden	55	90.9	36 – 227	2,391	956 – 5,978	742.0
16 Apr 2004	Bowden	53	24.5	14 – 42	645	373 – 1,115	239.4
18 Apr 2004	Bowden	53	38.3	25 – 60	1,008	649 – 1,565	180.2
19 Apr 2004	Bowden	53	26.9	17 – 42	709	453 – 1,108	185.8
25 Apr 2004	Bowden	53	39.2	19 – 79	1,032	512 – 2,077	333.0
26 Apr 2004	Bowden	53	27.8	16 – 48	731	421 – 1,269	240.6
29 Apr 2004	Bowden	53	17.9	11 – 29	472	295 – 753	200.9
03 May 2004	Bowden	52	34.4	17 – 70	906	447 – 1,836	336.6
16-29 Apr 2004	Bowden	53	28.9	20 – 41	759	534 – 1,077	140.9
16-29 Apr 2004	Average		29.1	23 – 37	766	611 – 961	11.5
08 Nov 2004	Bowden	40	22.9	12 – 44	603	311 – 1,168	268.0
10 Nov 2004	Bowden	38	85.3	34 – 214	2,243	894 – 5,622	616.6
14 Nov 2004	Bowden	37	56.7	26 – 125	1,491	675 – 3,294	341.3
17 Nov 2004	Bowden	36	45.9	25 – 86	1,207	647 – 2,250	226.8
19 Nov 2004	Bowden	35	61.8	28 – 137	1,625	735 – 3,592	331.5
21 Nov 2004	Bowden	35	66.3	28 – 158	1,743	732 – 4,145	412.6
8-21 Nov 2004	Average		56.5	42 – 76	1,485	1,105 – 1,995	15.1

[a] Method of estimating population size: Bowden = Bowden's estimator (Bowden and Kufeld 1995); and Average = average of Bowden estimates from individual surveys were ≥1 radio-collared deer was sighted (Rice and Harder 1977).
[b] Number of marked deer on the study area.
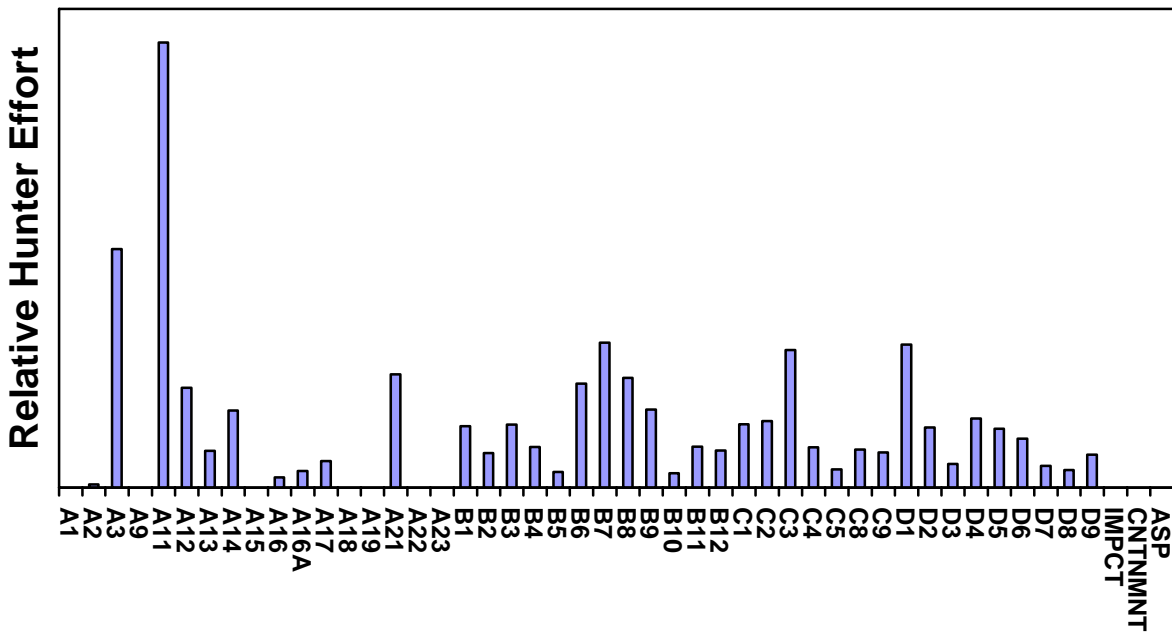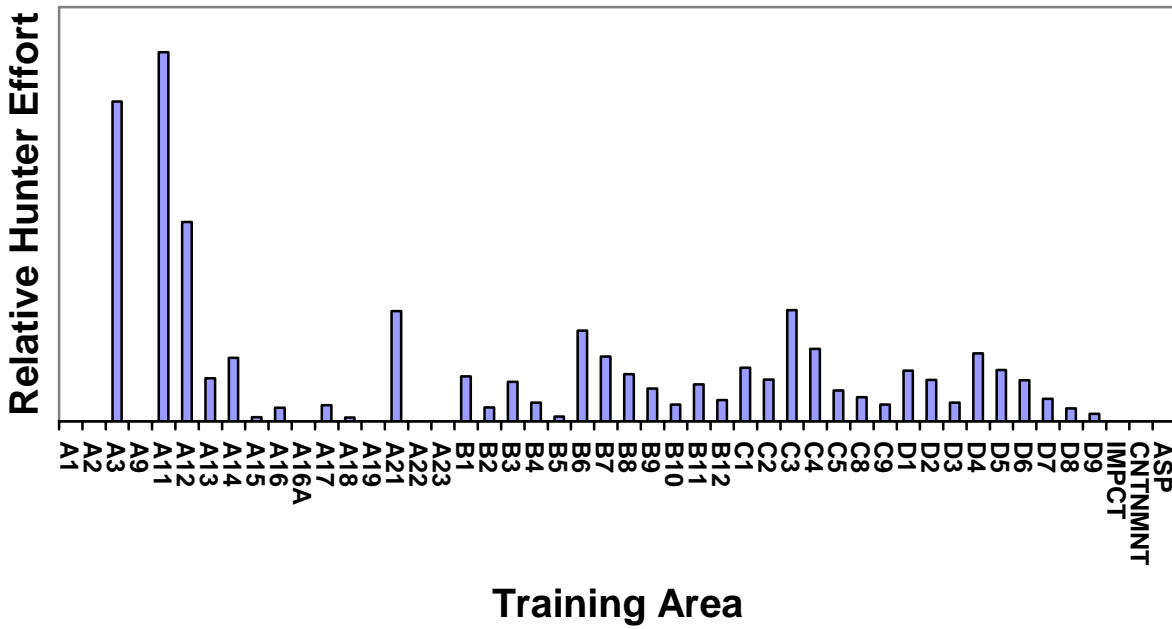
Figure 5. Relative hunter effort (total number of hunter trips per square mile), by training area, for the 2003 (top) and 2004 (bottom) hunting seasons, in which hunter effort is the total number of hunter trips divided by the area of the training area, Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania (IMPCT = Impact Area, CNTN = Cantonment Area, ASP = Ammunition Supply Point).
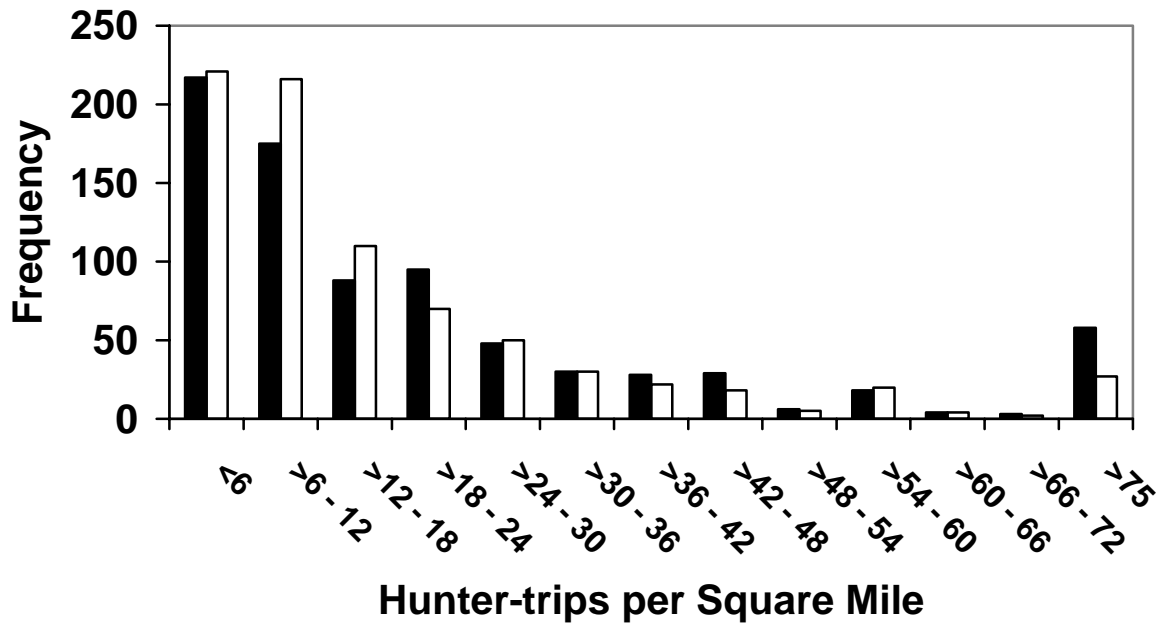
Figure 6. Frequency of hunter-trip densities (hunter-trips/sq. mi) for 2003 (solid bars) and 2004 (open bars) for each day a training area had at least one hunter-trip, Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania.

Catch-Effort Population Estimates

We used Program SURVIV to estimate the harvest quotient, *k*, for antlered and antlerless deer in 2003 and 2004 hunting seasons. The estimates of *k* were 0.0909 (SE = 0.0196) and 0.0417 (SE = 0.0167) for antlerless deer in 2003 and 2004, respectively. For antlered deer in 2003 and 2004, respectively, the estimates of *k* were 0.1389 (SE = 0.0417) and 0.1185 (SE = 0.0359). However, a chi-square goodness of fit test indicated the model did not fit the data for antlerless deer ($P < 0.09$; Table 6) in both years, but did fit the data for antlered deer ($P > 0.32$; Table 7). The models for antlerless deer, in both years, did not fit the data because they underestimated antlerless harvest on the first and last day of the season (Table 6).

All models indicated that the probability a deer was harvested increased with greater hunter effort (Table 8). However, these estimates suggested that – over the course of the rifle season – the probability a deer surviving the season was quite low with antlered deer having a greater probability of harvest (0.92 – 0.93) than antlerless deer (0.59 – 0.83). Consequently, population size was underestimated for both antlered and antlerless deer.

The catch-effort population estimates, for the population immediately prior to the hunting season, were 117 and 167 antlerless deer for 2003 and 2004, respectively. For antlered deer, the population estimates were 28 and 30 deer for 2003 and 2004, respectively. Given that we often observed more deer during spotlight resighting surveys, these point estimates exhibited severe negative bias and we did not calculate confidence limits.

Discussion

Population Estimates from Spotlight Surveys

The precision of the Bowden estimates of abundance was dependent on the number of radio-collared deer available for detection during spotlight surveys. Minimum sample sizes suggested for this type of estimator are 40 marked animals (W. L. Thompson, National Park Service, personal communication). In 2003, the greatest number of marked deer available was 35 during spotlight surveys conducted after the trapping season, and this declined to as few as 21 marked deer for the November 2003 surveys (Table 1). Consequently, the 2003 population estimates had large confidence intervals (Figure 4) and failed to detect the normal population increase between spring and fall after the birth of fawns.

In 2003, we captured fewer deer because we were delayed until we were approved by Range Control to begin trapping efforts and were not able to capture deer until late January. Then a February a snowstorm closed most roads on the base for 7-10 days. Capture efforts for the 2004 field season began earlier and we were able to capture more deer (Table 1); we had as many as 55 marked deer available during spring 2004 surveys and 35-40 during November 2004. The population estimates for 2004 detected the annual increase in population abundance from the birth of fawns (Table 5).

An important assumption of Bowden's estimator is that every animal in the population has the same probability of being captured and marked. This assumption likely was violated because adult males are less likely to be captured than females or deer <1 year old. Although this problem could have been addressed by estimating the abundance of antlered and antlerless deer separately (during the fall survey periods when adult males were antlered), so few antlered

Table 6. Goodness of fit statistics for catch-effort model to estimate harvest quotient for antlerless deer on Fort Indiantown National Guard Training Center, Annville, Pennsylvania, 2003-04.

Day of season	2003[a]			2004[b]		
	Harvest	Expected harvest	χ^2	Harvest	Expected harvest	χ^2
1	49	37.6	3.43	31	27.9	0.35
2	8	16.6	4.46	18	18.8	0.37
3	3	8.8	3.84	5	3.2	1.06
4	6	6.7	0.07	7	7.4	0.02
5	5	6.7	0.08	6	7.2	0.19
6				9	12.7	1.07
7	6	4.2	0.72	1	4.0	2.21
8	1	3.2	1.54	0	1.1	1.07
9	1	1.8	0.39	1	2.4	0.79
10	0	1.5	1.47	1	3.2	1.48
11	5	3.5	0.69	3	2.0	0.47
12	13	7.3	4.37	17	9.3	6.42

[a] Overall goodness of fit $\chi^2_9 = 24.30$, $P = 0.004$.

[b] Overall goodness of fit $\chi^2_9 = 16.59$, $P = 0.084$.

Table 7. Goodness of fit statistics for catch-effort model to estimate harvest quotient for antlered deer on Fort Indiantown National Guard Training Center, Annville, Pennsylvania, 2003-04.

Day of season	2003[a]			2004[b]		
	Harvest	Expected harvest	χ^2	Harvest	Expected harvest	χ^2
1	14	12.5	0.18	14	12.3	0.24
2	5	4.6	0.03	4	6.1	0.73
3	1	2.2	0.67	0	.9	0.87
4	0	1.6	1.56	3	1.9	0.67
5	1	1.2	0.05	3	1.6	1.21
6				1	2.4	0.80
7	1	0.9	0.02	0	0.6	0.63
8	1	0.6	0.22	0	0.2	0.16
9	0	0.3	0.34	0	0.3	0.34
10	0	0.3	0.27	0	0.4	0.43
11	0	0.6	0.60	0	0.3	0.26
12	3	1.1	3.03	3	1.0	3.73

[a] Overall goodness of fit $\chi^2_9 = 8.93$, $P = 0.444$.

[b] Overall goodness of fit $\chi^2_9 = 11.45$, $P = 0.324$.

Table 8. Estimated probability a deer was harvested, by day, during the regular rifle season, Fort Indiantown Gap National Guard Training Center, Annville, Pennsylvania, 2003-04.

Day of season	2003			2004		
	Effort[a]	Antlerless	Antlered	Effort[a]	Antlerless	Antlered
1	429	0.323	0.449	438	0.167	0.405
2	260	0.211	0.303	349	0.135	0.339
3	168	0.142	0.208	64	0.026	0.073
4	147	0.125	0.185	157	0.063	0.17
5	142	0.121	0.179	162	0.065	0.175
6	-[b]	-[b]	-[b]	317	0.124	0.313
7	120	0.103	0.154	108	0.044	0.12
8	101	0.088	0.131	30	0.012	0.035
9	62	0.055	0.083	68	0.028	0.077
10	52	0.046	0.07	94	0.038	0.105
11	133	0.114	0.169	62	0.025	0.071
12	351	0.273	0.386	307	0.12	0.305

[a] Hunter trips.
[b] Hunting was not allowed the first Saturday in 2003 because of deep snowfall.

bucks with radio-collars were observed it was not possible to calculate population estimates. Consequently, our estimates of abundance lacked precision because of the increase in the variance estimate by combining sightings of antlered and antlerless deer, and our population estimates may have been negatively biased because we were more likely to capture antlerless deer and sight them during spotlight surveys.

We minimized violations of the remaining four assumptions (see Methods) by only recording sightings of deer in which we could determine whether it was radio-collared. For example, many times deer could be sighted by reflection of the spotlight beam in their eyes, but we did not count these deer because they were too far away to ascertain if they were radio-collared. Furthermore, we used radio-collars to confirm the identity of deer if a collar were noted but the alpha-numeric characters were not readable. Also, we did not intentionally survey areas where we knew radio-collared deer were located so that our sighting effort was independent of whether a deer was radio-collared.

We were not able to assess the accuracy of our population estimates, but a forward-looking infrared (FLIR) aerial survey conducted by Vision Air Research Inc. (Boise, Idaho) counted deer in winter 2004. The FLIR survey covered a larger area than our study and counted 1,378 deer (Table 5). However, deer densities based on the FLIR counts on the same training areas we surveyed ranged from 27.1 – 57.7 deer per square mile (J. Hovis, personal communication), which were not statistically different from our population density estimates (Table 5). Moreover, we believe our population density estimates are biased low because we could not survey all training areas included in our study area. Consequently, we believe the population estimates we obtained using Bowden's estimator are reasonable, although imprecise.

Hunter Effort and Harvest

Successful use of catch-effort models to estimate abundance relies on accurate measures of hunter effort, large variability in hunter effort, and accurate measures of harvest. The quality of hunter check-in data collected when hunters sign in at Range Control was lacking in several regards. First, the time recorded on data sheets often was not recorded in military time so whether it was morning or afternoon could not be discerned, or the information was not provided. However, changes in the 2004 data forms did improve data completeness. Second, information on which training areas hunters visited was incomplete (59% of records did not indicate in which training areas the hunter actually visited). Third, Range Control could not provide data for the 2002 hunting season and sign-in forms were missing for early October and January of the 2004 hunting season. Fortunately, analysis of 2004 data indicated that the number of hunter-trips was correlated with the hours between sign-in and sign-out, which allowed us to calculate hunter effort data for 2003 by simply counting hunter trips.

The proportion of harvested deer reported to FIG-NGTC unknown, but it is likely <100%. First, there are substantial errors and omissions in the data collected at Range Control, which likely leads to undercounting of the harvest. Second, data obtained by the Pennsylvania Game Commission regarding special antlerless permits issued to FIG-NGTC under the Deer Management Assistance Program indicate <100% reporting by hunters. For the 2004 hunting season there were 49 reports submitted to the PGC indicating that an antlerless deer had been harvested, but FIG-NGTC received only 36 reports (reporting rate = 74%; D. McNaughton, personal communication). Statewide reporting of harvested deer to the Pennsylvania Game

Commission is approximately 50% (Rosenberry et al. 2004).

Catch-Effort Population Estimates

Several possible reasons exist for why the catch-effort population estimates did not provide accurate deer population estimates. During the regular rifle season, the total known harvest was only about 9-12% of the deer population, which means that harvest per unit of hunter effort did not change sufficiently to obtain an accurate and precise estimate of the harvest quotient. Typically, harvest of approximately 30% of the population is required to obtain accurate population estimates (Gould and Pollock 1997). The total harvest for the 2004 hunting season was 209 deer, which only is approximately 14% of the population.

Another problem that arose is that the measure of hunter effort may not have accurately reflected the actual number of hunters pursuing antlerless deer. Although Pennsylvania enacted a concurrent antlered and antlerless rifle season in 2001, in which a hunter with the appropriate licenses can harvest any legal deer, it is unlikely that hunters always harvest the first legal deer they encounter. The goodness of fit test of the catch-effort model for antlerless deer suggests that hunters are being selective in the deer they harvest, and that this selectivity changes during the season. For example, in Table 6 it is evident that hunters are more likely to harvest an antlerless deer on opening day or the last Saturday of the rifle season. On remaining days of the rifle season hunters harvest antlerless deer as expected or less than expected. This suggests that either hunter selectivity changes or the type of hunters pursuing deer changes over the course of the rifle season (e.g., hunters with antlerless permits are more likely to pursue antlerless deer on the first and last day of the season).

In contrast to the results of the catch-effort model for antlerless deer, the expected harvest of antlered deer was predicted well using hunter effort data (Table 7). This can be explained, in part, by the fact that all licensed hunters could harvest an antlered deer. Thus, even if a hunter had an antlerless license, they were unlikely to pass on an antlered deer whereas they may have passed on antlerless deer on certain days even if they possessed an antlerless license.

Another reason the catch-effort model may not have provided accurate population estimates was because of the distribution of hunters on the installation. Hunter pressure varied greatly by day and across training areas (Figure 5). In part, this reflected the training areas that were open to hunting on any given day, because some training areas may have been closed to hunting for military training, and some areas were never open to hunting because of safety concerns. Also, variation in hunting pressure (hunters/sq. mile) may have been caused by hunter preference, in that hunter density may have been greater in areas with easy access, or perceived greater abundance of deer, or with certain sporting arm restrictions.

On most training areas, the density of hunter trips per square mile (Figure 6) was ≤ 1 hunter-trip per 50 acres (12 hunter-trips/sq. mile). However, on Saturday some training areas experienced hunter densities of >100 hunter-trips per square mile (Appendices B and C). The training areas ranged from 0.03 – 1.36 square miles (excluding Cantonment, Impact Area, and ASP) in size with the median training area 0.38 square miles. Because these training areas were so small, it is likely that deer moved off these training areas in response to hunting pressure. As a result, abundance estimates from the catch-effort models, in fact, may have been representative for the deer population on the training areas being hunted, but not for the installation in its entirety.

Conclusions and Recommendations

1. Deer population densities based on Bowden's estimator (Tables 4 and 5) and the FLIR flight contracted by FIG-NGTC, indicated deer densities of $\geq$27 deer per square mile during April and 34–58 deer per square mile prior to the regular rifle season.

2. Hunter sign-in and harvest data collected at Range Control was incomplete. Hunters did not correctly record sign-in or sign-out times, areas where hunted, and whether they harvested a deer. No data were available for 2002 and only hunter-trips could be calculated for 2003.

3. Changes to the sign-in sheet for 2004 resulted in more complete data being collected, but almost 60% of hunters failed to indicate in which training areas they hunted. Analysis of 2004 data indicated the number of hunter-trips was correlated with the number of hours between sign-in and sign-out. Consequently, hunter-trips should have been an accurate measure of hunter effort.

4. Hunter effort varied greatly among training areas and days. Although hunter density was generally $\leq$12 hunter-trips per square mile, some training areas experienced days with >100 hunter-trips per square mile.

5. Hunting effort for antlerless deer was disproportionately greater on the opening day and closing day of the regular rifle season.

6. Catch-effort models did not provide reasonable population estimates. This was likely because harvest rates were low (<15%) and hunter density was high (>100 hunter-trips/sq. mile) on the limited areas where hunting was allowed.

7. Catch-effort models are unlikely to provide useful population estimates unless, in the future, harvest rates increase, hunters accurately report their effort and harvest, and hunter effort is more evenly distributed among training areas.

8. Greater oversight of hunters during sign-out procedures will be required if better data are to be obtained regarding the training areas where hunters hunt. When signing out, hunters did not correctly record time of day, where they actually hunted, and whether they harvested a deer.

9. Requiring hunters to present their deer at a check station would greatly improve the accuracy of deer harvest estimates. Furthermore, this would provide valuable data on the sex, age, and physical characteristics of harvested deer.

10. Hunter success rates likely were adversely affected by the high hunter densities on some training areas on certain days, especially Saturdays. The following recommendations could increase hunter satisfaction and success rates:
    a. Limit hunter density at any given time in a given training area to $\leq$12 hunters per square mile (1 hunter per 50 acres).
    b. Maximize the number of training areas open to hunting, especially during the regular rifle season when hunter participation and harvest efficiency is greatest.
    c. Consider consolidating smaller training areas to provide hunters with greater flexibility in where they can hunt.

Literature Cited

Bowden, D. C., and R. C. Kufeld. 1995. Generalized mark-resight population size estimation applied to Colorado moose. Journal of Wildlife Management 59:840-851.

Conner, M. C. 1987. Drop-netting deer: costs and incidence of capture myopathy. Wildlife Society Bulletin 434-438.

Dupont, W. D. 1983. A stochastic catch-effort method for estimating animal abundance. Biometrics 39:1021-1033.

Gould, W. R., and K. H. Pollock. 1997. Catch-effort maximum likelihood estimation of important population parameters. Canadian Journal of Fisheries and Aquatic Sciences 54:890-897.

Haroldson, B. S., E. P. Wiggers, J. Beringer, L. P. Hansen, and J. B. McAninch. 2003. Evaluation of aerial thermal imaging for detecting white-tailed deer in a deciduous forest environment. Wildlife Society Bulletin 31(4):1188-1197.

Laake, J. L. 1991. Catch-per-unit-effort models: an application to an elk population in Colorado. Pages 44-55 in D. R. McCollough and R. H. Barrett, Wildlife 2001: Populations.

Lancia, R. A., J. W. Bishir, M. C. Conner, and C. S. Rosenberry. 1996. Use of catch-effort to estimate population size. Wildlife Society Bulletin 24:731-737.

Rice, W. R., and J. D. Harder. 1977. Application of multiple aerial sampling to a mark-recapture census of white-tailed deer. Journal of Wildlife Management 41:197-206.

Rosenberry, C. S., D. R. Diefenbach, and B. D. Wallingford. 2004. Reporting rate variability and precision of white-tailed deer harvest estimates in Pennsylvania. Journal of Wildlife Management 68: 858-867.

White, G. C. 1983. Numerical estimation of survival rates from band-recovery and biotelemetry data. Journal of Wildlife Management 47:716-728.

Appendix A

Program SURVIV input and output used to estimate abundance of white-tailed deer at Fort
Indiantown Gap National Guard Training Center, Annville, Pennsylania, 2003-04

ANTLERLESS DEER - FALL RIFLE SEASON 2003

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**      09:49:22        Version 1.4(PC-DOS) June, 1991      Page  001

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     Dimension limitations for this run:
       Maximum number of parameters            80
       Maximum number of cohorts              120
       Maximum number of classes within a cohort  70
       Maximum number of models for PROC TEST     15
     If your problem needs larger dimensions, reset the values
     in the MODELC include file and recompile the program.

 Date       Modifications
 ---------  -------------------------------------------------------------
 March, 90  NORMALIZE option for PROC MODEL to normalize cell probabilities.
 March, 90  ADDCELL option for PROC MODEL to add cell with 1 - sum of cells.
 March, 90  NOBINCOF option for PROC ESTIMATE to not add bin. coef. to like.



 INPUT --- PROC TITLE FIG Rifle Season 2003 - Antlerless;

    CPU time in seconds for last procedure was     0.00



 INPUT --- PROC MODEL NPAR=12;

 INPUT ---     COHORT=97;
 INPUT ---        49:(1-EXP(-S(2)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        8:EXP(-S(2)*S(1))*(1-EXP(-S(3)*S(1)))/(1-EXP(-S(2)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        3:EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*(1-EXP(-S(4)*S(1)))/
 INPUT ---        (1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        6:EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(5)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        5:EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(6)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        6:EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(7)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2003 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 INPUT ---      1:EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*
 INPUT ---      EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---      (1-EXP(-S(8)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---      EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---      EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---      EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---      1:EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---      EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---      EXP(-S(2)*S(1))*
 INPUT ---      (1-EXP(-S(9)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---      EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---      EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---      EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---      0:EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*
 INPUT ---      EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---      EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---      (1-EXP(-S(10)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---      EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---      EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---      EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---      5:EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)
 INPUT ---      * S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---      EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---      (1-EXP(-S(11)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*

 INPUT ---      EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---      EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---      EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---      13:EXP(-S(11)*S(1))*EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---      EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*
 INPUT ---      S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---      (1-EXP(-S(12)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---      EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---      EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---      EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));

 INPUT ---   LABELS;
 INPUT ---      S(1)=k;
 INPUT ---      S(2)=DEC1;
 INPUT ---      S(3)=DEC2;
 INPUT ---      S(4)=DEC3;
 INPUT ---      S(5)=DEC4;
 INPUT ---      S(6)=DEC5;
 INPUT ---      S(7)=DEC8;
 INPUT ---      S(8)=DEC9;
 INPUT ---      S(9)=DEC10;
 INPUT ---      S(10)=DEC11;
 INPUT ---      S(11)=DEC12;
 INPUT ---      S(12)=DEC13;

    CPU time in seconds for last procedure was    0.02
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2003 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -



  INPUT --- PROC ESTIMATE NAME=GENERAL NOVAR MAXFN=3000;

 INPUT ---    initial;
 INPUT ---       s(1)=0.01;

 INPUT ---    CONSTRAINTS;
 INPUT ---       S(2)=4.29;
 INPUT ---       S(3)=2.60;
 INPUT ---       S(4)=1.68;
 INPUT ---       S(5)=1.47;
 INPUT ---       S(6)=1.42;
 INPUT ---       S(7)=1.20;
 INPUT ---       S(8)=1.01;
 INPUT ---       S(9)=.62;
 INPUT ---       S(10)=.52;
 INPUT ---       S(11)=1.33;
 INPUT ---       S(12)=3.51;

     Number of parameters in model  = 12

     Number of parameters set equal =  0

     Number of parameters fixed     = 11

     Number of parameters estimated =  1




                        Lower   Upper
    I    Parameter  S(I)  Bound   Bound  Label
    ---  ---------  ------ -----   -----  --------------------
    1       1       0.010  0.000   1.000  k
    2      -2       4.290  4.290   4.290  DEC1
    3      -3       2.600  2.600   2.600  DEC2
    4      -4       1.680  1.680   1.680  DEC3
    5      -5       1.470  1.470   1.470  DEC4
    6      -6       1.420  1.420   1.420  DEC5
    7      -7       1.200  1.200   1.200  DEC8
    8      -8       1.010  1.010   1.010  DEC9
    9      -9       0.620  0.620   0.620  DEC10
   10     -10       0.520  0.520   0.520  DEC11
   11     -11       1.330  1.330   1.330  DEC12
   12     -12       3.510  3.510   3.510  DEC13

     Final function value  174.32538    (Error Return =   0)

     Number of significant digits      9

     Number of function evaluations    26
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2003 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -



                                                   95% Confidence Interval
    I    Parameter      S(I)        Standard Error     Lower          Upper
   ---   ---------   -------------  --------------  -------------  --------------
    1       1       0.90916533E-01  0.19611072E-01  0.52478831E-01  0.12935424
    2      -2        4.2900000      0.00000000      4.2900000       4.2900000
    3      -3        2.6000000      0.00000000      2.6000000       2.6000000
    4      -4        1.6800000      0.00000000      1.6800000       1.6800000
    5      -5        1.4700000      0.00000000      1.4700000       1.4700000
    6      -6        1.4200000      0.00000000      1.4200000       1.4200000
    7      -7        1.2000000      0.00000000      1.2000000       1.2000000
    8      -8        1.0100000      0.00000000      1.0100000       1.0100000
    9      -9        0.62000000     0.00000000      0.62000000      0.62000000
   10     -10        0.52000000     0.00000000      0.52000000      0.52000000
   11     -11        1.3300000      0.00000000      1.3300000       1.3300000
   12     -12        3.5100000      0.00000000      3.5100000       3.5100000



   Cohort  Cell   Observed  Expected  Chi-square  Note
   ------  ----   --------  --------  ----------  -------------
     1      1        49      37.633      3.434     0 < P < 1
     1      2         8      16.608      4.462     0 < P < 1
     1      3         3       8.822      3.842     0 < P < 1
     1      4         6       6.688      0.071     0 < P < 1
     1      5         5       5.665      0.078     0 < P < 1
     1      6         6       4.249      0.722     0 < P < 1
     1      7         1       3.234      1.543     0 < P < 1
     1      8         1       1.843      0.386     0 < P < 1
     1      9         0       1.468      1.468     0 < P < 1
     1     10         5       3.453      0.694     0 < P < 1
     1     11        13       7.339      4.367     0 < P < 1
     1 Cohort df= 9                     20.824    P = 0.0135
   -------------------------------------------------------------
   G Total (Degrees of freedom =   9)     24.298
   Pr(Larger Chi-square) = 0.0039
   With pooling, Degrees of freedom =   8  Pearson Chi-square =      20.824
   Pr(Larger Chi-square) = 0.0076


   Log-likelihood = -26.619013     Akaike Information Criterion =  55.238027

     CPU time in seconds for last procedure was     0.01



   INPUT --- PROC STOP;

     CPU time in minutes for this job was     0.00


          E X E C U T I O N   S U C C E S S F U L
```

ANTLERED DEER - FALL RIFLE SEASON 2003

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -



     Dimension limitations for this run:
       Maximum number of parameters            80
       Maximum number of cohorts              120
       Maximum number of classes within a cohort  70
       Maximum number of models for PROC TEST    15
     If your problem needs larger dimensions, reset the values
     in the MODELC include file and recompile the program.

Date       Modifications
---------  --------------------------------------------------------------
March, 90  NORMALIZE option for PROC MODEL to normalize cell probabilities.
March, 90  ADDCELL option for PROC MODEL to add cell with 1 - sum of cells.
March, 90  NOBINCOF option for PROC ESTIMATE to not add bin. coef. to like.



 INPUT --- PROC TITLE FIG Rifle Season 2003 - Antlered;

    CPU time in seconds for last procedure was    0.00



 INPUT --- PROC MODEL NPAR=12;

 INPUT ---     COHORT=26;
 INPUT ---        14:(1-EXP(-S(2)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        5:EXP(-S(2)*S(1))*(1-EXP(-S(3)*S(1)))/(1-EXP(-S(2)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        1:EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*(1-EXP(-S(4)*S(1)))/
 INPUT ---        (1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        0:EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(5)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        1:EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(6)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        1:EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(7)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2003 - Antlered
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 INPUT ---        1:EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(8)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        0:EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(9)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        0:EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*
 INPUT ---        EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(10)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        0:EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)
 INPUT ---        * S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(11)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));
 INPUT ---        3:EXP(-S(11)*S(1))*EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*
 INPUT ---        S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(12)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*

 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1)));

 INPUT ---     LABELS;
 INPUT ---        S(1)=k;
 INPUT ---        S(2)=DEC1;
 INPUT ---        S(3)=DEC2;
 INPUT ---        S(4)=DEC3;
 INPUT ---        S(5)=DEC4;
 INPUT ---        S(6)=DEC5;
 INPUT ---        S(7)=DEC8;
 INPUT ---        S(8)=DEC9;
 INPUT ---        S(9)=DEC10;
 INPUT ---        S(10)=DEC11;
 INPUT ---        S(11)=DEC12;
 INPUT ---        S(12)=DEC13;

    CPU time in seconds for last procedure was    0.02
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**       09:49:59        Version 1.4(PC-DOS) June, 1991      Page  003
FIG Rifle Season 2003 - Antlered
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
 INPUT --- PROC ESTIMATE NAME=GENERAL NOVAR MAXFN=3000;

 INPUT ---    initial;
 INPUT ---       all=0.02;

 INPUT ---    CONSTRAINTS;
 INPUT ---       S(2)=4.29;
 INPUT ---       S(3)=2.60;
 INPUT ---       S(4)=1.68;
 INPUT ---       S(5)=1.47;
 INPUT ---       S(6)=1.42;
 INPUT ---       S(7)=1.20;
 INPUT ---       S(8)=1.01;
 INPUT ---       S(9)=.62;
 INPUT ---       S(10)=.52;
 INPUT ---       S(11)=1.33;
 INPUT ---       S(12)=3.51;

     Number of parameters in model  = 12

     Number of parameters set equal =  0

     Number of parameters fixed     = 11

     Number of parameters estimated =  1
```

```
                        Lower   Upper
  I    Parameter   S(I)  Bound   Bound  Label
 ---  ---------  ------  -----   -----  --------------------
  1        1     0.020   0.000   1.000  k
  2       -2     4.290   4.290   4.290  DEC1
  3       -3     2.600   2.600   2.600  DEC2
  4       -4     1.680   1.680   1.680  DEC3
  5       -5     1.470   1.470   1.470  DEC4
  6       -6     1.420   1.420   1.420  DEC5
  7       -7     1.200   1.200   1.200  DEC8
  8       -8     1.010   1.010   1.010  DEC9
  9       -9     0.620   0.620   0.620  DEC10
 10      -10     0.520   0.520   0.520  DEC11
 11      -11     1.330   1.330   1.330  DEC12
 12      -12     3.510   3.510   3.510  DEC13

     Final function value  40.886958     (Error Return =   0)

     Number of significant digits      10

     Number of function evaluations    34
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2003 - Antlered
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
                                                 95% Confidence Interval
   I     Parameter      S(I)       Standard Error     Lower          Upper
  ---    ---------   --------------  --------------  --------------  --------------
   1        1       0.13892122     0.41741505E-01  0.57107865E-01  0.22073457
   2       -2        4.2900000      0.00000000      4.2900000       4.2900000
   3       -3        2.6000000      0.00000000      2.6000000       2.6000000
   4       -4        1.6800000      0.00000000      1.6800000       1.6800000
   5       -5        1.4700000      0.00000000      1.4700000       1.4700000
   6       -6        1.4200000      0.00000000      1.4200000       1.4200000
   7       -7        1.2000000      0.00000000      1.2000000       1.2000000
   8       -8        1.0100000      0.00000000      1.0100000       1.0100000
   9       -9       0.62000000      0.00000000     0.62000000      0.62000000
  10      -10       0.52000000      0.00000000     0.52000000      0.52000000
  11      -11        1.3300000      0.00000000      1.3300000       1.3300000
  12      -12        3.5100000      0.00000000      3.5100000       3.5100000
```

```
  Cohort  Cell   Observed  Expected  Chi-square  Note
  ------  ----   --------  --------  ----------  -------------
     1      1       14      12.488      0.183     0 < P < 1
     1      2        5       4.646      0.027     0 < P < 1
     1      3        1       2.223      0.673     0 < P < 1
     1      4        0       1.562      1.562     0 < P < 1
     1      5        1       1.234      0.045     0 < P < 1
     1      6        1       0.869      0.020     0 < P < 1
     1      7        1       0.627      0.222     0 < P < 1
     1      8        0       0.344      0.344     0 < P < 1
     1      9        0       0.266      0.266     0 < P < 1
     1     10        0       0.600      0.600     0 < P < 1
     1     11        3       1.140      3.033     0 < P < 1
     1 Cohort df= 4                     2.466     P = 0.6507
  -------------------------------------------------------------
  G Total (Degrees of freedom =   9)       8.933
  Pr(Larger Chi-square) = 0.4435
  With pooling, Degrees of freedom =   3  Pearson Chi-square =      2.466
  Pr(Larger Chi-square) = 0.4815
```

```
 Log-likelihood = -11.395728     Akaike Information Criterion =  24.791457

   CPU time in seconds for last procedure was     0.01
```

```
 INPUT --- PROC STOP;

   CPU time in minutes for this job was     0.00


        E X E C U T I O N   S U C C E S S F U L
```

A<small>NTLERLESS</small> D<small>EER</small> - F<small>ALL</small> R<small>IFLE</small> S<small>EASON</small> 2004

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -



     Dimension limitations for this run:
       Maximum number of parameters               80
       Maximum number of cohorts                 120
       Maximum number of classes within a cohort  70
       Maximum number of models for PROC TEST     15
     If your problem needs larger dimensions, reset the values
     in the MODELC include file and recompile the program.

 Date      Modifications
 --------- -------------------------------------------------------------
 March, 90  NORMALIZE option for PROC MODEL to normalize cell probabilities.
 March, 90  ADDCELL option for PROC MODEL to add cell with 1 - sum of cells.
 March, 90  NOBINCOF option for PROC ESTIMATE to not add bin. coef. to like.



 INPUT --- PROC TITLE FIG Rifle Season 2004 - Antlerless;

    CPU time in seconds for last procedure was     0.01



 INPUT --- PROC MODEL NPAR=13;

 INPUT ---     COHORT=99;
 INPUT ---         31:(1-EXP(-S(2)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---         EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---         EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---         EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---         )*S(1)));
 INPUT ---         18:EXP(-S(2)*S(1))*(1-EXP(-S(3)*S(1)))/(1-EXP(-S(2)*S(1))*
 INPUT ---         EXP(-S(3)*S(1))*
 INPUT ---         EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---         EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---         EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---         )*S(1)));
 INPUT ---         5:EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*(1-EXP(-S(4)*S(1)))/
 INPUT ---         (1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---         EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---         EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---         EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---         )*S(1)));
 INPUT ---         7:EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---         (1-EXP(-S(5)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---         EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---         EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---         EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---         )*S(1)));
 INPUT ---         6:EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---         EXP(-S(2)*S(1))*
 INPUT ---         (1-EXP(-S(6)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---         EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---         EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---         EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---         )*S(1)));
 INPUT ---         9:EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2004 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(7)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
 INPUT ---        1:EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(8)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
 INPUT ---        0:EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(9)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
 INPUT ---        1:EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*
 INPUT ---        EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(10)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
 INPUT ---        1:EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)
 INPUT ---        * S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---        EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(11)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
 INPUT ---        3:EXP(-S(11)*S(1))*EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*
 INPUT ---        S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(12)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
 INPUT ---        17:EXP(-S(12)*S(1))*EXP(-S(11)*S(1))*EXP(-S(10)*S(1))*EXP(-S
 INPUT ---        (9)*S(1))*
 INPUT ---        EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*
 INPUT ---        S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---        (1-EXP(-S(13)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---        )*S(1)));
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2004 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 INPUT ---     LABELS;
 INPUT ---        S(1)=k;
 INPUT ---        S(2)=NOV29;
 INPUT ---        S(3)=NOV30;
 INPUT ---        S(4)=DEC1;
 INPUT ---        S(5)=DEC2;
 INPUT ---        S(6)=DEC3;
 INPUT ---        S(7)=DEC4;
 INPUT ---        S(8)=DEC6;
 INPUT ---        S(9)=DEC7;
 INPUT ---        S(10)=DEC8;
 INPUT ---        S(11)=DEC9;
 INPUT ---        S(12)=DEC10;
 INPUT ---        S(13)=DEC11;

    CPU time in seconds for last procedure was    0.02


 INPUT --- PROC ESTIMATE NAME=GENERAL NOVAR MAXFN=3000;

 INPUT ---     initial;
 INPUT ---        all=0.02;

 INPUT ---     CONSTRAINTS;
 INPUT ---        S(2)=4.38;
 INPUT ---        S(3)=3.49;
 INPUT ---        S(4)=.64;
 INPUT ---        S(5)=1.57;
 INPUT ---        S(6)=1.62;
 INPUT ---        S(7)=3.17;
 INPUT ---        S(8)=1.08;
 INPUT ---        S(9)=.30;
 INPUT ---        S(10)=.68;
 INPUT ---        S(11)=.94;
 INPUT ---        S(12)=.62;
 INPUT ---        S(13)=3.07;

    Number of parameters in model  = 13

    Number of parameters set equal =  0

    Number of parameters fixed     = 12

    Number of parameters estimated =  1
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**       09:51:00          Version 1.4(PC-DOS) June, 1991      Page  004
FIG Rifle Season 2004 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

| | | | Lower | Upper | |
I	Parameter	S(I)	Bound	Bound	Label
1	1	0.020	0.000	1.000	k
2	-2	4.380	4.380	4.380	NOV29
3	-3	3.490	3.490	3.490	NOV30
4	-4	0.640	0.640	0.640	DEC1
5	-5	1.570	1.570	1.570	DEC2
6	-6	1.620	1.620	1.620	DEC3
7	-7	3.170	3.170	3.170	DEC4
8	-8	1.080	1.080	1.080	DEC6
9	-9	0.300	0.300	0.300	DEC7
10	-10	0.680	0.680	0.680	DEC8
11	-11	0.940	0.940	0.940	DEC9
12	-12	0.620	0.620	0.620	DEC10
13	-13	3.070	3.070	3.070	DEC11

```
    Final function value  201.07718    (Error Return =   0)

    Number of significant digits      10

    Number of function evaluations    40
```

| | | | | 95% Confidence Interval | |
I	Parameter	S(I)	Standard Error	Lower	Upper
1	1	0.41651769E-01	0.16667474E-01	0.89835192E-02	0.74320019E-01
2	-2	4.3800000	0.00000000	4.3800000	4.3800000
3	-3	3.4900000	0.00000000	3.4900000	3.4900000
4	-4	0.64000000	0.00000000	0.64000000	0.64000000
5	-5	1.5700000	0.00000000	1.5700000	1.5700000
6	-6	1.6200000	0.00000000	1.6200000	1.6200000
7	-7	3.1700000	0.00000000	3.1700000	3.1700000
8	-8	1.0800000	0.00000000	1.0800000	1.0800000
9	-9	0.30000000	0.00000000	0.30000000	0.30000000
10	-10	0.68000000	0.00000000	0.68000000	0.68000000
11	-11	0.94000000	0.00000000	0.94000000	0.94000000
12	-12	0.62000000	0.00000000	0.62000000	0.62000000
13	-13	3.0700000	0.00000000	3.0700000	3.0700000

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**      09:51:00          Version 1.4(PC-DOS) June, 1991      Page  005
FIG Rifle Season 2004 - Antlerless
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


   Cohort  Cell   Observed  Expected  Chi-square  Note
   ------  ----   --------  --------  ----------  -------------
     1      1        31      27.858      0.354     0 < P < 1
     1      2        18      18.832      0.037     0 < P < 1
     1      3         5       3.166      1.062     0 < P < 1
     1      4         7       7.419      0.024     0 < P < 1
     1      5         6       7.163      0.189     0 < P < 1
     1      6         9      12.693      1.074     0 < P < 1
     1      7         1       3.955      2.208     0 < P < 1
     1      8         0       1.068      1.068     0 < P < 1
     1      9         1       2.371      0.793     0 < P < 1
     1     10         1       3.169      1.484     0 < P < 1
     1     11         3       2.023      0.472     0 < P < 1
     1     12        17       9.283      6.415     0 < P < 1
     1 Cohort df=10                     15.049     P = 0.1303
   ----------------------------------------------------------------
   G Total (Degrees of freedom =  10)     16.590
   Pr(Larger Chi-square) = 0.0839
   With pooling, Degrees of freedom =   9  Pearson Chi-square =     15.049
   Pr(Larger Chi-square) = 0.0896


    Log-likelihood = -24.421213      Akaike Information Criterion =  50.842426

       CPU time in seconds for last procedure was      0.00


    INPUT --- PROC STOP;

       CPU time in minutes for this job was     0.00


          E X E C U T I O N   S U C C E S S F U L
```

ANTLERED DEER - FALL RIFLE SEASON 2004

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**       09:40:50        Version 1.4(PC-DOS) June, 1991      Page  001

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -



     Dimension limitations for this run:
       Maximum number of parameters            80
       Maximum number of cohorts              120
       Maximum number of classes within a cohort  70
       Maximum number of models for PROC TEST     15
     If your problem needs larger dimensions, reset the values
     in the MODELC include file and recompile the program.

Date       Modifications
---------  --------------------------------------------------------------
March, 90  NORMALIZE option for PROC MODEL to normalize cell probabilities.
March, 90  ADDCELL option for PROC MODEL to add cell with 1 - sum of cells.
March, 90  NOBINCOF option for PROC ESTIMATE to not add bin. coef. to like.



INPUT --- PROC TITLE FIG Rifle Season 2004 - Antlered;

   CPU time in seconds for last procedure was    0.00



INPUT --- PROC MODEL NPAR=13;

INPUT ---      COHORT=28;
INPUT ---        14:(1-EXP(-S(2)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
INPUT ---        )*S(1)));
INPUT ---        4:EXP(-S(2)*S(1))*(1-EXP(-S(3)*S(1)))/(1-EXP(-S(2)*S(1))*
INPUT ---        EXP(-S(3)*S(1))*
INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
INPUT ---        )*S(1)));
INPUT ---        0:EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*(1-EXP(-S(4)*S(1)))/
INPUT ---        (1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
INPUT ---        )*S(1)));
INPUT ---        3:EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
INPUT ---        (1-EXP(-S(5)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
INPUT ---        )*S(1)));
INPUT ---        3:EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
INPUT ---        EXP(-S(2)*S(1))*
INPUT ---        (1-EXP(-S(6)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
INPUT ---        EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
INPUT ---        EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
INPUT ---        EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
INPUT ---        )*S(1)));
INPUT ---        1:EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
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FIG Rifle Season 2004 - Antlered
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 INPUT ---       EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(7)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
 INPUT ---       0:EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(8)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
 INPUT ---       0:EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(9)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
 INPUT ---       0:EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*
 INPUT ---       EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---       EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(10)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
 INPUT ---       0:EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*EXP(-S(8)*S(1))*EXP(-S(7)
 INPUT ---       * S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*S(1))*EXP(-S(4)*S(1))*
 INPUT ---       EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(11)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
 INPUT ---       0:EXP(-S(11)*S(1))*EXP(-S(10)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*
 INPUT ---       S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(12)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
 INPUT ---       3:EXP(-S(12)*S(1))*EXP(-S(11)*S(1))*EXP(-S(10)*S(1))*EXP(-S(
 INPUT ---       9)*S(1))*
 INPUT ---       EXP(-S(8)*S(1))*EXP(-S(7)*S(1))*EXP(-S(6)*S(1))*EXP(-S(5)*
 INPUT ---       S(1))*EXP(-S(4)*S(1))*EXP(-S(3)*S(1))*EXP(-S(2)*S(1))*
 INPUT ---       (1-EXP(-S(13)*S(1)))/(1-EXP(-S(2)*S(1))*EXP(-S(3)*S(1))*
 INPUT ---       EXP(-S(4)*S(1))*EXP(-S(5)*S(1))*EXP(-S(6)*S(1))*
 INPUT ---       EXP(-S(7)*S(1))*EXP(-S(8)*S(1))*EXP(-S(9)*S(1))*
 INPUT ---       EXP(-S(10)*S(1))*EXP(-S(11)*S(1))*EXP(-S(12)*S(1))*EXP(-S(13
 INPUT ---       )*S(1)));
```

SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**   09:40:50   Version 1.4(PC-DOS) June, 1991   Page 003
FIG Rifle Season 2004 - Antlered
- -

 INPUT ---   LABELS;
 INPUT ---   S(1)=k;
 INPUT ---   S(2)=NOV29;
 INPUT ---   S(3)=NOV30;
 INPUT ---   S(4)=DEC1;
 INPUT ---   S(5)=DEC2;
 INPUT ---   S(6)=DEC3;
 INPUT ---   S(7)=DEC4;
 INPUT ---   S(8)=DEC6;
 INPUT ---   S(9)=DEC7;
 INPUT ---   S(10)=DEC8;
 INPUT ---   S(11)=DEC9;
 INPUT ---   S(12)=DEC10;
 INPUT ---   S(13)=DEC11;

    CPU time in seconds for last procedure was   0.02

 INPUT --- PROC ESTIMATE NAME=GENERAL NOVAR MAXFN=3000;

 INPUT ---   initial;
 INPUT ---   all=0.02;

 INPUT ---   CONSTRAINTS;
 INPUT ---   S(2)=4.38;
 INPUT ---   S(3)=3.49;
 INPUT ---   S(4)=.64;
 INPUT ---   S(5)=1.57;
 INPUT ---   S(6)=1.62;
 INPUT ---   S(7)=3.17;
 INPUT ---   S(8)=1.08;
 INPUT ---   S(9)=.30;
 INPUT ---   S(10)=.68;
 INPUT ---   S(11)=.94;
 INPUT ---   S(12)=.62;
 INPUT ---   S(13)=3.07;

    Number of parameters in model = 13

    Number of parameters set equal = 0

    Number of parameters fixed   = 12

    Number of parameters estimated = 1

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**      09:40:50       Version 1.4(PC-DOS) June, 1991      Page  004
FIG Rifle Season 2004 - Antlered
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
                          Lower    Upper
   I    Parameter   S(I)   Bound    Bound   Label
  ---   ---------  ------  -----    -----   --------------------
   1        1      0.020   0.000    1.000   k
   2       -2      4.380   4.380    4.380   NOV29
   3       -3      3.490   3.490    3.490   NOV30
   4       -4      0.640   0.640    0.640   DEC1
   5       -5      1.570   1.570    1.570   DEC2
   6       -6      1.620   1.620    1.620   DEC3
   7       -7      3.170   3.170    3.170   DEC4
   8       -8      1.080   1.080    1.080   DEC6
   9       -9      0.300   0.300    0.300   DEC7
  10      -10      0.680   0.680    0.680   DEC8
  11      -11      0.940   0.940    0.940   DEC9
  12      -12      0.620   0.620    0.620   DEC10
  13      -13      3.070   3.070    3.070   DEC11

     Final function value  46.645959     (Error Return =   0)

     Number of significant digits      10

     Number of function evaluations    29
```

```
                                                95% Confidence Interval
   I    Parameter       S(I)        Standard Error     Lower            Upper
  ---   ---------  --------------  --------------  --------------  --------------
   1        1      0.11850075      0.35900398E-01  0.48135969E-01  0.18886553
   2       -2      4.3800000       0.00000000      4.3800000       4.3800000
   3       -3      3.4900000       0.00000000      3.4900000       3.4900000
   4       -4      0.64000000      0.00000000      0.64000000      0.64000000
   5       -5      1.5700000       0.00000000      1.5700000       1.5700000
   6       -6      1.6200000       0.00000000      1.6200000       1.6200000
   7       -7      3.1700000       0.00000000      3.1700000       3.1700000
   8       -8      1.0800000       0.00000000      1.0800000       1.0800000
   9       -9      0.30000000      0.00000000      0.30000000      0.30000000
  10      -10      0.68000000      0.00000000      0.68000000      0.68000000
  11      -11      0.94000000      0.00000000      0.94000000      0.94000000
  12      -12      0.62000000      0.00000000      0.62000000      0.62000000
  13      -13      3.0700000       0.00000000      3.0700000       3.0700000
```

```
SURVIV - Survival Rate Estimation with User Specified Cell Probabilities
 5-Apr-**      09:40:50        Version 1.4(PC-DOS) June, 1991      Page  005
FIG Rifle Season 2004 - Antlered
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


  Cohort  Cell   Observed  Expected  Chi-square  Note
  ------  ----   --------  --------  ----------  -------------


    1      1       14       12.292      0.237     0 < P < 1
    1      2        4        6.119      0.734     0 < P < 1
    1      3        0        0.873      0.873     0 < P < 1
    1      4        3        1.880      0.667     0 < P < 1
    1      5        3        1.606      1.210     0 < P < 1
    1      6        1        2.376      0.797     0 < P < 1
    1      7        0        0.626      0.626     0 < P < 1
    1      8        0        0.160      0.160     0 < P < 1
    1      9        0        0.343      0.343     0 < P < 1
    1     10        0        0.430      0.430     0 < P < 1
    1     11        0        0.259      0.259     0 < P < 1
    1     12        3        1.035      3.730     0 < P < 1
    1 Cohort df= 4                      1.001     P = 0.9096
 -----------------------------------------------------------
 G Total (Degrees of freedom =  10)      11.447
 Pr(Larger Chi-square) = 0.3237
 With pooling, Degrees of freedom =   3  Pearson Chi-square =      1.001
 Pr(Larger Chi-square) = 0.8010


 Log-likelihood = -12.500769      Akaike Information Criterion =  27.001538

    CPU time in seconds for last procedure was    0.01


 INPUT --- PROC STOP;

    CPU time in minutes for this job was    0.00


        E X E C U T I O N   S U C C E S S F U L
```

Appendix B

Summary of Hunter Trips by Training Area and Day of Season

Sorted by Day

A hunter trip was counted each time a hunter signed in at Range Control to hunt and density was simply the number of hunter-trips on a given day divided by the size of the training area (sq. miles). The results presented in this appendix are sorted by day and 2003 and 2004 are matched by the equivalent day of the week. Because Christmas 2004 was on a Saturday, the late season did not begin until 27 December 2004. Data for the 2004 hunting seasons for the first week of archery season (October 2004) and the last week of the late season (January 2005) were not available from Range Control.

Hunting Effort Data by Training Area and Day, Sorted by Day   1

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1	A21	Saturday	04OCT2003	8	91.0	.	.	.
2	A3	Saturday	04OCT2003	27	195.6	.	.	.
3	B12	Saturday	04OCT2003	16	21.7	.	.	.
4	B6	Saturday	04OCT2003	14	27.5	.	.	.
5	B7	Saturday	04OCT2003	10	42.8	.	.	.
6	B8	Saturday	04OCT2003	23	49.7	.	.	.
7	B9	Saturday	04OCT2003	2	5.2	.	.	.
8	C1	Saturday	04OCT2003	26	63.6	.	.	.
9	C2	Saturday	04OCT2003	21	61.4	.	.	.
10	D2	Saturday	04OCT2003	18	24.8	.	.	.
11	D3	Saturday	04OCT2003	15	23.8	.	.	.
12	D4	Saturday	04OCT2003	1	5.0	.	.	.
13	D6	Saturday	04OCT2003	6	11.7	.	.	.
14	D8	Saturday	04OCT2003	14	24.4	.	.	.
15	A11	Monday	06OCT2003	29	107.1	.	.	.
16	A12	Monday	06OCT2003	15	193.9	.	.	.
17	A13	Monday	06OCT2003	7	22.5	.	.	.
18	A21	Monday	06OCT2003	2	22.8	.	.	.
19	A3	Monday	06OCT2003	6	43.5	.	.	.
20	B10	Monday	06OCT2003	3	3.8	.	.	.
21	B11	Monday	06OCT2003	3	6.8	.	.	.
22	B12	Monday	06OCT2003	9	12.2	.	.	.
23	B6	Monday	06OCT2003	5	9.8	.	.	.
24	B7	Monday	06OCT2003	4	17.1	.	.	.
25	B8	Monday	06OCT2003	4	8.6	.	.	.
26	C1	Monday	06OCT2003	11	26.9	.	.	.
27	C2	Monday	06OCT2003	7	20.5	.	.	.
28	C3	Monday	06OCT2003	24	32.6	.	.	.
29	C4	Monday	06OCT2003	20	20.0	.	.	.
30	C5	Monday	06OCT2003	10	19.3	.	.	.
31	C8	Monday	06OCT2003	6	6.7	.	.	.
32	D2	Monday	06OCT2003	1	1.4	.	.	.
33	D3	Monday	06OCT2003	9	14.3	.	.	.
34	D6	Monday	06OCT2003	5	9.8	.	.	.
35	A11	Tuesday	07OCT2003	27	99.7	.	.	.
36	A12	Tuesday	07OCT2003	7	90.5	.	.	.
37	A13	Tuesday	07OCT2003	1	3.2	.	.	.
38	A21	Tuesday	07OCT2003	3	34.1	.	.	.
39	A3	Tuesday	07OCT2003	8	57.9	.	.	.
40	B10	Tuesday	07OCT2003	5	6.4	.	.	.
41	B11	Tuesday	07OCT2003	5	11.4	.	.	.
42	B12	Tuesday	07OCT2003	4	5.4	.	.	.
43	B6	Tuesday	07OCT2003	4	7.9	.	.	.
44	B7	Tuesday	07OCT2003	2	8.6	.	.	.
45	B8	Tuesday	07OCT2003	3	6.5	.	.	.
46	C1	Tuesday	07OCT2003	7	17.1	.	.	.
47	C2	Tuesday	07OCT2003	3	8.8	.	.	.
48	C3	Tuesday	07OCT2003	12	16.3	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Day   2

| | Training | Day of | | No. Hunter- | Hunter- Trips/Sq. | | No. Hunter- | Hunter- Trips/Sq. |
Obs	Area	Week	Day	Trips 2003	Mile 2003	Day	Trips 2004	Mile 2004
49	C4	Tuesday	07OCT2003	13	13.0	.	.	.
50	C8	Tuesday	07OCT2003	2	2.2	.	.	.
51	D6	Tuesday	07OCT2003	2	3.9	.	.	.
52	D8	Tuesday	07OCT2003	1	1.7	.	.	.
53	A11	Wednesday	08OCT2003	25	92.3	.	.	.
54	A12	Wednesday	08OCT2003	5	64.6	.	.	.
55	A13	Wednesday	08OCT2003	2	6.4	.	.	.
56	A21	Wednesday	08OCT2003	2	22.8	.	.	.
57	A3	Wednesday	08OCT2003	8	57.9	.	.	.
58	B11	Wednesday	08OCT2003	1	2.3	.	.	.
59	B12	Wednesday	08OCT2003	9	12.2	.	.	.
60	B6	Wednesday	08OCT2003	1	2.0	.	.	.
61	B7	Wednesday	08OCT2003	1	4.3	.	.	.
62	B8	Wednesday	08OCT2003	3	6.5	.	.	.
63	C1	Wednesday	08OCT2003	6	14.7	.	.	.
64	C3	Wednesday	08OCT2003	6	8.2	.	.	.
65	C4	Wednesday	08OCT2003	9	9.0	.	.	.
66	D3	Wednesday	08OCT2003	8	12.7	.	.	.
67	D6	Wednesday	08OCT2003	3	5.9	.	.	.
68	D8	Wednesday	08OCT2003	1	1.7	.	.	.
69	A11	Thursday	09OCT2003	26	96.0	.	.	.
70	A12	Thursday	09OCT2003	5	64.6	.	.	.
71	A13	Thursday	09OCT2003	4	12.8	.	.	.
72	A3	Thursday	09OCT2003	4	29.0	.	.	.
73	B10	Thursday	09OCT2003	3	3.8	.	.	.
74	B12	Thursday	09OCT2003	10	13.6	.	.	.
75	B6	Thursday	09OCT2003	4	7.9	.	.	.
76	C1	Thursday	09OCT2003	7	17.1	.	.	.
77	C2	Thursday	09OCT2003	6	17.5	.	.	.
78	C3	Thursday	09OCT2003	12	16.3	.	.	.
79	C4	Thursday	09OCT2003	13	13.0	.	.	.
80	D3	Thursday	09OCT2003	3	4.8	.	.	.
81	D4	Thursday	09OCT2003	2	10.0	.	.	.
82	D8	Thursday	09OCT2003	1	1.7	.	.	.
83	A11	Friday	10OCT2003	13	48.0	.	.	.
84	A21	Friday	10OCT2003	1	11.4	.	.	.
85	A3	Friday	10OCT2003	4	29.0	.	.	.
86	B1	Friday	10OCT2003	1	10.0	.	.	.
87	B2	Friday	10OCT2003	7	24.0	.	.	.
88	B3	Friday	10OCT2003	18	40.6	.	.	.
89	B4	Friday	10OCT2003	28	31.2	.	.	.
90	B5	Friday	10OCT2003	5	3.7	.	.	.
91	B6	Friday	10OCT2003	2	3.9	.	.	.
92	B8	Friday	10OCT2003	2	4.3	.	.	.
93	C1	Friday	10OCT2003	8	19.6	.	.	.
94	C2	Friday	10OCT2003	4	11.7	.	.	.
95	C3	Friday	10OCT2003	3	4.1	.	.	.
96	C5	Friday	10OCT2003	5	9.6	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Day   3

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
97	C8	Friday	10OCT2003	16	17.9	.	.	.
98	D5	Friday	10OCT2003	14	13.0	.	.	.
99	D7	Friday	10OCT2003	8	9.3	.	.	.
100	A11	Saturday	11OCT2003	27	99.7	.	.	.
101	A21	Saturday	11OCT2003	4	45.5	.	.	.
102	A3	Saturday	11OCT2003	20	144.9	.	.	.
103	B6	Saturday	11OCT2003	21	41.3	.	.	.
104	B8	Saturday	11OCT2003	3	6.5	.	.	.
105	B9	Saturday	11OCT2003	11	28.9	.	.	.
106	C2	Saturday	11OCT2003	33	96.5	.	.	.
107	D2	Saturday	11OCT2003	1	1.4	.	.	.
108	D4	Saturday	11OCT2003	6	30.0	.	.	.
109	D6	Saturday	11OCT2003	40	78.1	.	.	.
110	D8	Saturday	11OCT2003	9	15.7	.	.	.
111	A11	Monday	13OCT2003	22	81.2	.	.	.
112	A12	Monday	13OCT2003	4	51.7	.	.	.
113	A13	Monday	13OCT2003	6	19.2	.	.	.
114	A18	Monday	13OCT2003	2	33.4	.	.	.
115	A21	Monday	13OCT2003	1	11.4	.	.	.
116	A3	Monday	13OCT2003	17	123.1	.	.	.
117	B1	Monday	13OCT2003	3	30.1	.	.	.
118	B10	Monday	13OCT2003	6	7.7	.	.	.
119	B11	Monday	13OCT2003	6	13.7	.	.	.
120	B12	Monday	13OCT2003	4	5.4	.	.	.
121	B2	Monday	13OCT2003	6	20.5	.	.	.
122	B3	Monday	13OCT2003	24	54.1	.	.	.
123	B4	Monday	13OCT2003	23	25.6	.	.	.
124	B5	Monday	13OCT2003	13	9.6	.	.	.
125	B6	Monday	13OCT2003	4	7.9	.	.	.
126	B7	Monday	13OCT2003	5	21.4	.	.	.
127	B8	Monday	13OCT2003	3	6.5	.	.	.
128	A11	Tuesday	14OCT2003	10	36.9	12OCT2004	14	51.7
129	A12	Tuesday	14OCT2003	2	25.8	12OCT2004	5	64.6
130	A14	Tuesday	14OCT2003	0	0.0	12OCT2004	2	29.8
131	A16	Tuesday	14OCT2003	0	0.0	12OCT2004	1	6.0
132	A21	Tuesday	14OCT2003	1	11.4	12OCT2004	0	0.0
133	A3	Tuesday	14OCT2003	3	21.7	12OCT2004	7	50.7
134	B10	Tuesday	14OCT2003	0	0.0	12OCT2004	8	10.2
135	B11	Tuesday	14OCT2003	1	2.3	12OCT2004	4	9.1
136	B12	Tuesday	14OCT2003	0	0.0	12OCT2004	9	12.2
137	B3	Tuesday	14OCT2003	8	18.0	12OCT2004	0	0.0
138	B4	Tuesday	14OCT2003	11	12.3	12OCT2004	0	0.0
139	B5	Tuesday	14OCT2003	5	3.7	12OCT2004	0	0.0
140	B6	Tuesday	14OCT2003	2	3.9	12OCT2004	3	5.9
141	B7	Tuesday	14OCT2003	1	4.3	12OCT2004	0	0.0
142	B8	Tuesday	14OCT2003	4	8.6	12OCT2004	8	17.3
143	B9	Tuesday	14OCT2003	0	0.0	12OCT2004	8	21.0
144	C2	Tuesday	14OCT2003	0	0.0	12OCT2004	4	11.7

Hunting Effort Data by Training Area and Day, Sorted by Day   4

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
145	A11	Wednesday	15OCT2003	1	3.7	13OCT2004	0	0.0
146	A13	Wednesday	15OCT2003	0	0.0	13OCT2004	1	3.2
147	A21	Wednesday	15OCT2003	0	0.0	13OCT2004	4	45.5
148	A3	Wednesday	15OCT2003	0	0.0	13OCT2004	11	79.7
149	B1	Wednesday	15OCT2003	1	10.0	13OCT2004	1	10.0
150	B10	Wednesday	15OCT2003	0	0.0	13OCT2004	1	1.3
151	B11	Wednesday	15OCT2003	0	0.0	13OCT2004	3	6.8
152	B12	Wednesday	15OCT2003	0	0.0	13OCT2004	8	10.8
153	B2	Wednesday	15OCT2003	2	6.8	13OCT2004	0	0.0
154	B3	Wednesday	15OCT2003	6	13.5	13OCT2004	0	0.0
155	B4	Wednesday	15OCT2003	4	4.5	13OCT2004	0	0.0
156	B5	Wednesday	15OCT2003	2	1.5	13OCT2004	0	0.0
157	B6	Wednesday	15OCT2003	0	0.0	13OCT2004	8	15.7
158	B7	Wednesday	15OCT2003	2	8.6	13OCT2004	0	0.0
159	B8	Wednesday	15OCT2003	0	0.0	13OCT2004	6	13.0
160	B9	Wednesday	15OCT2003	0	0.0	13OCT2004	6	15.7
161	C1	Wednesday	15OCT2003	0	0.0	13OCT2004	4	9.8
162	C2	Wednesday	15OCT2003	0	0.0	13OCT2004	6	17.5
163	A11	Thursday	16OCT2003	20	73.8	14OCT2004	1	3.7
164	A12	Thursday	16OCT2003	1	12.9	14OCT2004	0	0.0
165	A13	Thursday	16OCT2003	1	3.2	14OCT2004	0	0.0
166	A21	Thursday	16OCT2003	2	22.8	14OCT2004	3	34.1
167	A3	Thursday	16OCT2003	5	36.2	14OCT2004	4	29.0
168	B1	Thursday	16OCT2003	5	50.1	14OCT2004	2	20.1
169	B12	Thursday	16OCT2003	0	0.0	14OCT2004	4	5.4
170	B2	Thursday	16OCT2003	5	17.1	14OCT2004	6	20.5
171	B3	Thursday	16OCT2003	10	22.5	14OCT2004	10	22.5
172	B4	Thursday	16OCT2003	12	13.4	14OCT2004	14	15.6
173	B5	Thursday	16OCT2003	4	2.9	14OCT2004	6	4.4
174	B6	Thursday	16OCT2003	4	7.9	14OCT2004	1	2.0
175	B7	Thursday	16OCT2003	4	17.1	14OCT2004	2	8.6
176	B8	Thursday	16OCT2003	9	19.5	14OCT2004	1	2.2
177	B9	Thursday	16OCT2003	0	0.0	14OCT2004	1	2.6
178	C1	Thursday	16OCT2003	0	0.0	14OCT2004	5	12.2
179	C2	Thursday	16OCT2003	0	0.0	14OCT2004	1	2.9
180	A11	Friday	17OCT2003	18	66.4	15OCT2004	0	0.0
181	A12	Friday	17OCT2003	2	25.8	15OCT2004	0	0.0
182	A13	Friday	17OCT2003	1	3.2	15OCT2004	0	0.0
183	A21	Friday	17OCT2003	1	11.4	15OCT2004	0	0.0
184	A3	Friday	17OCT2003	11	79.7	15OCT2004	3	21.7
185	B11	Friday	17OCT2003	0	0.0	15OCT2004	3	6.8
186	B12	Friday	17OCT2003	0	0.0	15OCT2004	5	6.8
187	B2	Friday	17OCT2003	0	0.0	15OCT2004	4	13.7
188	B3	Friday	17OCT2003	0	0.0	15OCT2004	6	13.5
189	B4	Friday	17OCT2003	0	0.0	15OCT2004	8	8.9
190	B5	Friday	17OCT2003	0	0.0	15OCT2004	10	7.4
191	B6	Friday	17OCT2003	8	15.7	15OCT2004	0	0.0
192	B7	Friday	17OCT2003	9	38.5	15OCT2004	3	12.8

Hunting Effort Data by Training Area and Day, Sorted by Day   5

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
193	B8	Friday	17OCT2003	3	6.5	15OCT2004	4	8.6
194	B9	Friday	17OCT2003	0	0.0	15OCT2004	0	0.0
195	C1	Friday	17OCT2003	0	0.0	15OCT2004	6	14.7
196	C2	Friday	17OCT2003	0	0.0	15OCT2004	2	5.8
197	A11	Saturday	18OCT2003	0	0.0	16OCT2004	28	103.4
198	A12	Saturday	18OCT2003	0	0.0	16OCT2004	7	90.5
199	A13	Saturday	18OCT2003	0	0.0	16OCT2004	1	3.2
200	A21	Saturday	18OCT2003	0	0.0	16OCT2004	1	11.4
201	A3	Saturday	18OCT2003	38	275.3	16OCT2004	4	29.0
202	B10	Saturday	18OCT2003	47	60.0	16OCT2004	0	0.0
203	B11	Saturday	18OCT2003	44	100.1	16OCT2004	0	0.0
204	B12	Saturday	18OCT2003	24	32.5	16OCT2004	0	0.0
205	B6	Saturday	18OCT2003	38	74.8	16OCT2004	0	0.0
206	B7	Saturday	18OCT2003	12	51.3	16OCT2004	12	51.3
207	B8	Saturday	18OCT2003	27	58.4	16OCT2004	0	0.0
208	B9	Saturday	18OCT2003	1	2.6	16OCT2004	0	0.0
209	C1	Saturday	18OCT2003	27	66.0	16OCT2004	7	17.1
210	C2	Saturday	18OCT2003	0	0.0	16OCT2004	11	32.2
211	C3	Saturday	18OCT2003	0	0.0	16OCT2004	40	54.4
212	C8	Saturday	18OCT2003	0	0.0	16OCT2004	17	19.0
213	D1	Saturday	18OCT2003	0	0.0	16OCT2004	53	612.3
214	D2	Saturday	18OCT2003	0	0.0	16OCT2004	15	20.7
215	D3	Saturday	18OCT2003	0	0.0	16OCT2004	5	7.9
216	D4	Saturday	18OCT2003	0	0.0	16OCT2004	7	35.0
217	D5	Saturday	18OCT2003	0	0.0	16OCT2004	42	39.1
218	D7	Saturday	18OCT2003	0	0.0	16OCT2004	12	14.0
219	D8	Saturday	18OCT2003	0	0.0	16OCT2004	1	1.7
220	D9	Saturday	18OCT2003	0	0.0	16OCT2004	5	8.8
221	A11	Monday	20OCT2003	15	55.4	18OCT2004	21	77.5
222	A12	Monday	20OCT2003	9	116.3	18OCT2004	0	0.0
223	A13	Monday	20OCT2003	1	3.2	18OCT2004	1	3.2
224	A17	Monday	20OCT2003	0	0.0	18OCT2004	1	4.8
225	A21	Monday	20OCT2003	5	56.9	18OCT2004	2	22.8
226	A3	Monday	20OCT2003	9	65.2	18OCT2004	4	29.0
227	B1	Monday	20OCT2003	2	20.1	18OCT2004	2	20.1
228	B10	Monday	20OCT2003	2	2.6	18OCT2004	4	5.1
229	B12	Monday	20OCT2003	0	0.0	18OCT2004	1	1.4
230	B2	Monday	20OCT2003	0	0.0	18OCT2004	5	17.1
231	B3	Monday	20OCT2003	0	0.0	18OCT2004	15	33.8
232	B4	Monday	20OCT2003	0	0.0	18OCT2004	16	17.8
233	B5	Monday	20OCT2003	0	0.0	18OCT2004	8	5.9
234	B6	Monday	20OCT2003	13	25.6	18OCT2004	9	17.7
235	B7	Monday	20OCT2003	10	42.8	18OCT2004	6	25.7
236	B8	Monday	20OCT2003	0	0.0	18OCT2004	9	19.5
237	B9	Monday	20OCT2003	24	63.0	18OCT2004	2	5.2
238	C2	Monday	20OCT2003	0	0.0	18OCT2004	2	5.8
239	C3	Monday	20OCT2003	0	0.0	18OCT2004	18	24.5
240	D1	Monday	20OCT2003	0	0.0	18OCT2004	24	277.3

Hunting Effort Data by Training Area and Day, Sorted by Day   6

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
241	D2	Monday	20OCT2003	0	0.0	18OCT2004	8	11.0
242	D3	Monday	20OCT2003	0	0.0	18OCT2004	7	11.1
243	D4	Monday	20OCT2003	0	0.0	18OCT2004	4	20.0
244	D5	Monday	20OCT2003	72	67.0	18OCT2004	17	15.8
245	D6	Monday	20OCT2003	5	9.8	18OCT2004	1	2.0
246	D9	Monday	20OCT2003	0	0.0	18OCT2004	1	1.8
247	A11	Tuesday	21OCT2003	14	51.7	19OCT2004	9	33.2
248	A12	Tuesday	21OCT2003	1	12.9	19OCT2004	0	0.0
249	A13	Tuesday	21OCT2003	1	3.2	19OCT2004	0	0.0
250	A21	Tuesday	21OCT2003	1	11.4	19OCT2004	1	11.4
251	A3	Tuesday	21OCT2003	12	86.9	19OCT2004	0	0.0
252	B1	Tuesday	21OCT2003	1	10.0	19OCT2004	0	0.0
253	B10	Tuesday	21OCT2003	11	14.0	19OCT2004	1	1.3
254	B11	Tuesday	21OCT2003	15	34.1	19OCT2004	0	0.0
255	B12	Tuesday	21OCT2003	2	2.7	19OCT2004	0	0.0
256	B2	Tuesday	21OCT2003	0	0.0	19OCT2004	2	6.8
257	B3	Tuesday	21OCT2003	0	0.0	19OCT2004	5	11.3
258	B4	Tuesday	21OCT2003	0	0.0	19OCT2004	6	6.7
259	B5	Tuesday	21OCT2003	0	0.0	19OCT2004	2	1.5
260	B6	Tuesday	21OCT2003	7	13.8	19OCT2004	5	9.8
261	B7	Tuesday	21OCT2003	4	17.1	19OCT2004	3	12.8
262	B8	Tuesday	21OCT2003	0	0.0	19OCT2004	3	6.5
263	B9	Tuesday	21OCT2003	6	15.7	19OCT2004	1	2.6
264	C3	Tuesday	21OCT2003	1	1.4	19OCT2004	12	16.3
265	D1	Tuesday	21OCT2003	0	0.0	19OCT2004	6	69.3
266	D2	Tuesday	21OCT2003	0	0.0	19OCT2004	1	1.4
267	D3	Tuesday	21OCT2003	0	0.0	19OCT2004	1	1.6
268	D4	Tuesday	21OCT2003	0	0.0	19OCT2004	1	5.0
269	D5	Tuesday	21OCT2003	30	27.9	19OCT2004	8	7.4
270	D6	Tuesday	21OCT2003	6	11.7	19OCT2004	0	0.0
271	D9	Tuesday	21OCT2003	0	0.0	19OCT2004	1	1.8
272	A11	Wednesday	22OCT2003	7	25.8	20OCT2004	12	44.3
273	A12	Wednesday	22OCT2003	3	38.8	20OCT2004	0	0.0
274	A13	Wednesday	22OCT2003	2	6.4	20OCT2004	1	3.2
275	A16	Wednesday	22OCT2003	0	0.0	20OCT2004	1	9.6
276	A21	Wednesday	22OCT2003	0	0.0	20OCT2004	1	11.4
277	A3	Wednesday	22OCT2003	7	50.7	20OCT2004	1	7.2
278	B1	Wednesday	22OCT2003	0	0.0	20OCT2004	1	10.0
279	B10	Wednesday	22OCT2003	6	7.7	20OCT2004	1	1.3
280	B11	Wednesday	22OCT2003	12	27.3	20OCT2004	0	0.0
281	B12	Wednesday	22OCT2003	11	14.9	20OCT2004	0	0.0
282	B6	Wednesday	22OCT2003	4	7.9	20OCT2004	8	15.7
283	B7	Wednesday	22OCT2003	1	4.3	20OCT2004	6	25.7
284	B8	Wednesday	22OCT2003	0	0.0	20OCT2004	5	10.8
285	B9	Wednesday	22OCT2003	6	15.7	20OCT2004	6	15.7
286	C2	Wednesday	22OCT2003	0	0.0	20OCT2004	8	23.4
287	C3	Wednesday	22OCT2003	0	0.0	20OCT2004	21	28.6
288	D1	Wednesday	22OCT2003	0	0.0	20OCT2004	10	115.5

Hunting Effort Data by Training Area and Day, Sorted by Day   7

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
289	D2	Wednesday	22OCT2003	0	0.0	20OCT2004	5	6.9
290	D4	Wednesday	22OCT2003	0	0.0	20OCT2004	2	10.0
291	D5	Wednesday	22OCT2003	16	14.9	20OCT2004	3	2.8
292	D6	Wednesday	22OCT2003	1	2.0	20OCT2004	0	0.0
293	D9	Wednesday	22OCT2003	0	0.0	20OCT2004	4	7.0
294	A11	Thursday	23OCT2003	3	11.1	21OCT2004	6	22.1
295	A12	Thursday	23OCT2003	6	77.5	21OCT2004	2	25.8
296	A13	Thursday	23OCT2003	0	0.0	21OCT2004	1	3.2
297	A14	Thursday	23OCT2003	0	0.0	21OCT2004	1	14.9
298	A21	Thursday	23OCT2003	1	11.4	21OCT2004	1	11.4
299	A3	Thursday	23OCT2003	4	29.0	21OCT2004	2	14.5
300	B1	Thursday	23OCT2003	3	30.1	21OCT2004	3	30.1
301	B10	Thursday	23OCT2003	5	6.4	21OCT2004	5	6.4
302	B11	Thursday	23OCT2003	0	0.0	21OCT2004	5	11.4
303	B2	Thursday	23OCT2003	3	10.3	21OCT2004	3	10.3
304	B3	Thursday	23OCT2003	16	36.1	21OCT2004	6	13.5
305	B4	Thursday	23OCT2003	15	16.7	21OCT2004	11	12.3
306	B5	Thursday	23OCT2003	9	6.6	21OCT2004	4	2.9
307	B6	Thursday	23OCT2003	12	23.6	21OCT2004	7	13.8
308	B7	Thursday	23OCT2003	3	12.8	21OCT2004	1	4.3
309	B8	Thursday	23OCT2003	0	0.0	21OCT2004	8	17.3
310	B9	Thursday	23OCT2003	18	47.2	21OCT2004	3	7.9
311	C1	Thursday	23OCT2003	0	0.0	21OCT2004	4	9.8
312	C3	Thursday	23OCT2003	0	0.0	21OCT2004	16	21.8
313	D1	Thursday	23OCT2003	0	0.0	21OCT2004	11	127.1
314	D2	Thursday	23OCT2003	0	0.0	21OCT2004	1	1.4
315	D3	Thursday	23OCT2003	0	0.0	21OCT2004	4	6.4
316	D4	Thursday	23OCT2003	0	0.0	21OCT2004	2	10.0
317	D5	Thursday	23OCT2003	37	34.4	21OCT2004	22	20.5
318	D6	Thursday	23OCT2003	3	5.9	21OCT2004	0	0.0
319	D9	Thursday	23OCT2003	0	0.0	21OCT2004	2	3.5
320	A11	Friday	24OCT2003	9	33.2	22OCT2004	11	40.6
321	A12	Friday	24OCT2003	5	64.6	22OCT2004	2	25.8
322	A13	Friday	24OCT2003	2	6.4	22OCT2004	3	9.6
323	A21	Friday	24OCT2003	1	11.4	22OCT2004	3	34.1
324	A3	Friday	24OCT2003	5	36.2	22OCT2004	3	21.7
325	B1	Friday	24OCT2003	2	20.1	22OCT2004	3	30.1
326	B10	Friday	24OCT2003	1	1.3	22OCT2004	0	0.0
327	B5	Friday	24OCT2003	1	0.7	22OCT2004	0	0.0
328	B6	Friday	24OCT2003	16	31.5	22OCT2004	15	29.5
329	B7	Friday	24OCT2003	5	21.4	22OCT2004	6	25.7
330	B8	Friday	24OCT2003	1	2.2	22OCT2004	19	41.1
331	B9	Friday	24OCT2003	15	39.4	22OCT2004	0	0.0
332	C1	Friday	24OCT2003	0	0.0	22OCT2004	3	7.3
333	C3	Friday	24OCT2003	0	0.0	22OCT2004	21	28.6
334	D2	Friday	24OCT2003	0	0.0	22OCT2004	14	19.3
335	D3	Friday	24OCT2003	0	0.0	22OCT2004	11	17.5
336	D4	Friday	24OCT2003	0	0.0	22OCT2004	1	5.0

Hunting Effort Data by Training Area and Day, Sorted by Day   8

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
337	D5	Friday	24OCT2003	53	49.3	22OCT2004	0	0.0
338	D6	Friday	24OCT2003	1	2.0	22OCT2004	0	0.0
339	D8	Friday	24OCT2003	0	0.0	22OCT2004	1	1.7
340	D9	Friday	24OCT2003	1	1.8	22OCT2004	6	10.5
341	A11	Saturday	25OCT2003	24	88.6	23OCT2004	17	62.8
342	A12	Saturday	25OCT2003	7	90.5	23OCT2004	8	103.4
343	A13	Saturday	25OCT2003	7	22.5	23OCT2004	2	6.4
344	A14	Saturday	25OCT2003	0	0.0	23OCT2004	3	44.7
345	A21	Saturday	25OCT2003	3	34.1	23OCT2004	3	34.1
346	A3	Saturday	25OCT2003	7	50.7	23OCT2004	4	29.0
347	B1	Saturday	25OCT2003	4	40.1	23OCT2004	2	20.1
348	B5	Saturday	25OCT2003	3	2.2	23OCT2004	0	0.0
349	B6	Saturday	25OCT2003	41	80.7	23OCT2004	20	39.3
350	B7	Saturday	25OCT2003	3	12.8	23OCT2004	18	77.0
351	B8	Saturday	25OCT2003	0	0.0	23OCT2004	20	43.2
352	C1	Saturday	25OCT2003	0	0.0	23OCT2004	12	29.4
353	C3	Saturday	25OCT2003	0	0.0	23OCT2004	49	66.6
354	D2	Saturday	25OCT2003	0	0.0	23OCT2004	40	55.1
355	D3	Saturday	25OCT2003	0	0.0	23OCT2004	19	30.2
356	D5	Saturday	25OCT2003	110	102.4	23OCT2004	0	0.0
357	D6	Saturday	25OCT2003	2	3.9	23OCT2004	0	0.0
358	D9	Saturday	25OCT2003	0	0.0	23OCT2004	15	26.3
359	A11	Monday	27OCT2003	2	7.4	25OCT2004	6	22.1
360	A12	Monday	27OCT2003	2	25.8	25OCT2004	2	25.8
361	A13	Monday	27OCT2003	1	3.2	25OCT2004	1	3.2
362	A3	Monday	27OCT2003	0	0.0	25OCT2004	7	50.7
363	B1	Monday	27OCT2003	1	10.0	25OCT2004	2	20.1
364	B2	Monday	27OCT2003	0	0.0	25OCT2004	6	20.5
365	B3	Monday	27OCT2003	0	0.0	25OCT2004	13	29.3
366	B4	Monday	27OCT2003	0	0.0	25OCT2004	17	18.9
367	B5	Monday	27OCT2003	0	0.0	25OCT2004	10	7.4
368	B7	Monday	27OCT2003	0	0.0	25OCT2004	1	4.3
369	B8	Monday	27OCT2003	0	0.0	25OCT2004	1	2.2
370	C1	Monday	27OCT2003	0	0.0	25OCT2004	5	12.2
371	C2	Monday	27OCT2003	0	0.0	25OCT2004	2	5.8
372	C3	Monday	27OCT2003	12	16.3	25OCT2004	4	5.4
373	C5	Monday	27OCT2003	4	7.7	25OCT2004	0	0.0
374	C8	Monday	27OCT2003	4	4.5	25OCT2004	8	8.9
375	D1	Monday	27OCT2003	0	0.0	25OCT2004	1	11.6
376	D2	Monday	27OCT2003	0	0.0	25OCT2004	1	1.4
377	D3	Monday	27OCT2003	0	0.0	25OCT2004	1	1.6
378	D4	Monday	27OCT2003	0	0.0	25OCT2004	2	10.0
379	D5	Monday	27OCT2003	0	0.0	25OCT2004	3	2.8
380	D7	Monday	27OCT2003	4	4.7	25OCT2004	0	0.0
381	D9	Monday	27OCT2003	0	0.0	25OCT2004	1	1.8
382	A11	Tuesday	28OCT2003	13	48.0	26OCT2004	12	44.3
383	A12	Tuesday	28OCT2003	4	51.7	26OCT2004	1	12.9
384	A21	Tuesday	28OCT2003	2	22.8	26OCT2004	0	0.0

Hunting Effort Data by Training Area and Day, Sorted by Day

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
385	A3	Tuesday	28OCT2003	6	43.5	26OCT2004	4	29.0
386	B1	Tuesday	28OCT2003	1	10.0	26OCT2004	1	10.0
387	B6	Tuesday	28OCT2003	2	3.9	26OCT2004	3	5.9
388	B7	Tuesday	28OCT2003	1	4.3	26OCT2004	2	8.6
389	B8	Tuesday	28OCT2003	2	4.3	26OCT2004	0	0.0
390	C1	Tuesday	28OCT2003	0	0.0	26OCT2004	5	12.2
391	C2	Tuesday	28OCT2003	0	0.0	26OCT2004	5	14.6
392	C3	Tuesday	28OCT2003	18	24.5	26OCT2004	7	9.5
393	C5	Tuesday	28OCT2003	16	30.9	26OCT2004	0	0.0
394	C8	Tuesday	28OCT2003	5	5.6	26OCT2004	5	5.6
395	D2	Tuesday	28OCT2003	0	0.0	26OCT2004	4	5.5
396	D4	Tuesday	28OCT2003	0	0.0	26OCT2004	1	5.0
397	D5	Tuesday	28OCT2003	0	0.0	26OCT2004	1	0.9
398	D7	Tuesday	28OCT2003	11	12.8	26OCT2004	0	0.0
399	A11	Wednesday	29OCT2003	4	14.8	27OCT2004	12	44.3
400	A12	Wednesday	29OCT2003	2	25.8	27OCT2004	3	38.8
401	A13	Wednesday	29OCT2003	1	3.2	27OCT2004	3	9.6
402	A14	Wednesday	29OCT2003	0	0.0	27OCT2004	1	14.9
403	A21	Wednesday	29OCT2003	0	0.0	27OCT2004	1	11.4
404	A3	Wednesday	29OCT2003	6	43.5	27OCT2004	2	14.5
405	B2	Wednesday	29OCT2003	0	0.0	27OCT2004	3	10.3
406	B3	Wednesday	29OCT2003	0	0.0	27OCT2004	15	33.8
407	B4	Wednesday	29OCT2003	0	0.0	27OCT2004	12	13.4
408	B5	Wednesday	29OCT2003	0	0.0	27OCT2004	12	8.8
409	B6	Wednesday	29OCT2003	2	3.9	27OCT2004	2	3.9
410	B7	Wednesday	29OCT2003	1	4.3	27OCT2004	0	0.0
411	B8	Wednesday	29OCT2003	1	2.2	27OCT2004	1	2.2
412	C2	Wednesday	29OCT2003	0	0.0	27OCT2004	1	2.9
413	C3	Wednesday	29OCT2003	0	0.0	27OCT2004	4	5.4
414	C8	Wednesday	29OCT2003	10	11.2	27OCT2004	9	10.1
415	D1	Wednesday	29OCT2003	0	0.0	27OCT2004	9	104.0
416	D2	Wednesday	29OCT2003	0	0.0	27OCT2004	2	2.8
417	D4	Wednesday	29OCT2003	0	0.0	27OCT2004	1	5.0
418	D7	Wednesday	29OCT2003	8	9.3	27OCT2004	0	0.0
419	D9	Wednesday	29OCT2003	0	0.0	27OCT2004	1	1.8
420	A11	Thursday	30OCT2003	13	48.0	28OCT2004	6	22.1
421	A12	Thursday	30OCT2003	3	38.8	28OCT2004	1	12.9
422	A13	Thursday	30OCT2003	0	0.0	28OCT2004	2	6.4
423	A21	Thursday	30OCT2003	0	0.0	28OCT2004	1	11.4
424	A3	Thursday	30OCT2003	5	36.2	28OCT2004	8	57.9
425	B10	Thursday	30OCT2003	1	1.3	28OCT2004	0	0.0
426	B12	Thursday	30OCT2003	4	5.4	28OCT2004	0	0.0
427	B2	Thursday	30OCT2003	0	0.0	28OCT2004	2	6.8
428	B3	Thursday	30OCT2003	0	0.0	28OCT2004	9	20.3
429	B4	Thursday	30OCT2003	0	0.0	28OCT2004	11	12.3
430	B5	Thursday	30OCT2003	0	0.0	28OCT2004	6	4.4
431	B6	Thursday	30OCT2003	1	2.0	28OCT2004	1	2.0
432	B7	Thursday	30OCT2003	0	0.0	28OCT2004	1	4.3

Hunting Effort Data by Training Area and Day, Sorted by Day   10

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
433	B8	Thursday	30OCT2003	0	0.0	28OCT2004	2	4.3
434	B9	Thursday	30OCT2003	3	7.9	28OCT2004	0	0.0
435	C1	Thursday	30OCT2003	0	0.0	28OCT2004	2	4.9
436	C2	Thursday	30OCT2003	0	0.0	28OCT2004	1	2.9
437	C3	Thursday	30OCT2003	11	15.0	28OCT2004	1	1.4
438	C4	Thursday	30OCT2003	18	18.0	28OCT2004	0	0.0
439	C5	Thursday	30OCT2003	3	5.8	28OCT2004	0	0.0
440	D1	Thursday	30OCT2003	0	0.0	28OCT2004	3	34.7
441	D2	Thursday	30OCT2003	0	0.0	28OCT2004	4	5.5
442	D3	Thursday	30OCT2003	0	0.0	28OCT2004	2	3.2
443	D4	Thursday	30OCT2003	0	0.0	28OCT2004	1	5.0
444	D5	Thursday	30OCT2003	0	0.0	28OCT2004	3	2.8
445	D7	Thursday	30OCT2003	4	4.7	28OCT2004	0	0.0
446	D9	Thursday	30OCT2003	0	0.0	28OCT2004	1	1.8
447	A11	Friday	31OCT2003	16	59.1	29OCT2004	10	36.9
448	A12	Friday	31OCT2003	5	64.6	29OCT2004	1	12.9
449	A13	Friday	31OCT2003	5	16.0	29OCT2004	0	0.0
450	A3	Friday	31OCT2003	5	36.2	29OCT2004	3	21.7
451	B1	Friday	31OCT2003	0	0.0	29OCT2004	2	20.1
452	B2	Friday	31OCT2003	0	0.0	29OCT2004	1	3.4
453	B3	Friday	31OCT2003	0	0.0	29OCT2004	17	38.3
454	B4	Friday	31OCT2003	0	0.0	29OCT2004	15	16.7
455	B5	Friday	31OCT2003	0	0.0	29OCT2004	10	7.4
456	B6	Friday	31OCT2003	0	0.0	29OCT2004	2	3.9
457	B7	Friday	31OCT2003	0	0.0	29OCT2004	1	4.3
458	C1	Friday	31OCT2003	0	0.0	29OCT2004	2	4.9
459	C2	Friday	31OCT2003	0	0.0	29OCT2004	2	5.8
460	C5	Friday	31OCT2003	19	36.6	29OCT2004	0	0.0
461	C8	Friday	31OCT2003	21	23.5	29OCT2004	0	0.0
462	D1	Friday	31OCT2003	0	0.0	29OCT2004	5	57.8
463	D2	Friday	31OCT2003	0	0.0	29OCT2004	1	1.4
464	D3	Friday	31OCT2003	0	0.0	29OCT2004	1	1.6
465	D4	Friday	31OCT2003	0	0.0	29OCT2004	1	5.0
466	D5	Friday	31OCT2003	0	0.0	29OCT2004	5	4.7
467	D7	Friday	31OCT2003	10	11.7	29OCT2004	0	0.0
468	D9	Friday	31OCT2003	0	0.0	29OCT2004	1	1.8
469	A11	Saturday	01NOV2003	34	125.5	30OCT2004	23	84.9
470	A12	Saturday	01NOV2003	5	64.6	30OCT2004	3	38.8
471	A13	Saturday	01NOV2003	4	12.8	30OCT2004	2	6.4
472	A21	Saturday	01NOV2003	2	22.8	30OCT2004	1	11.4
473	A3	Saturday	01NOV2003	15	108.7	30OCT2004	7	50.7
474	B1	Saturday	01NOV2003	0	0.0	30OCT2004	2	20.1
475	B10	Saturday	01NOV2003	0	0.0	30OCT2004	2	2.6
476	B11	Saturday	01NOV2003	0	0.0	30OCT2004	6	13.7
477	B12	Saturday	01NOV2003	0	0.0	30OCT2004	12	16.3
478	B6	Saturday	01NOV2003	0	0.0	30OCT2004	2	3.9
479	B9	Saturday	01NOV2003	0	0.0	30OCT2004	3	7.9
480	C1	Saturday	01NOV2003	0	0.0	30OCT2004	15	36.7

Hunting Effort Data by Training Area and Day, Sorted by Day   11

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
481	C2	Saturday	01NOV2003	0	0.0	30OCT2004	3	8.8
482	C3	Saturday	01NOV2003	0	0.0	30OCT2004	11	15.0
483	C8	Saturday	01NOV2003	33	36.9	30OCT2004	0	0.0
484	D1	Saturday	01NOV2003	0	0.0	30OCT2004	10	115.5
485	D2	Saturday	01NOV2003	0	0.0	30OCT2004	5	6.9
486	D3	Saturday	01NOV2003	0	0.0	30OCT2004	4	6.4
487	D4	Saturday	01NOV2003	0	0.0	30OCT2004	4	20.0
488	D5	Saturday	01NOV2003	0	0.0	30OCT2004	19	17.7
489	D7	Saturday	01NOV2003	18	21.0	30OCT2004	0	0.0
490	D9	Saturday	01NOV2003	0	0.0	30OCT2004	3	5.3
491	A11	Monday	03NOV2003	24	88.6	01NOV2004	21	77.5
492	A12	Monday	03NOV2003	2	25.8	01NOV2004	1	12.9
493	A13	Monday	03NOV2003	2	6.4	01NOV2004	3	9.6
494	A14	Monday	03NOV2003	7	104.4	01NOV2004	0	0.0
495	A15	Monday	03NOV2003	9	33.9	01NOV2004	0	0.0
496	A16	Monday	03NOV2003	9	54.4	01NOV2004	0	0.0
497	A17	Monday	03NOV2003	6	28.8	01NOV2004	0	0.0
498	A21	Monday	03NOV2003	3	34.1	01NOV2004	2	22.8
499	A3	Monday	03NOV2003	8	57.9	01NOV2004	5	36.2
500	B1	Monday	03NOV2003	2	20.1	01NOV2004	0	0.0
501	B6	Monday	03NOV2003	0	0.0	01NOV2004	7	13.8
502	B7	Monday	03NOV2003	0	0.0	01NOV2004	2	8.6
503	C2	Monday	03NOV2003	0	0.0	01NOV2004	5	14.6
504	C3	Monday	03NOV2003	21	28.6	01NOV2004	7	9.5
505	C5	Monday	03NOV2003	4	7.7	01NOV2004	0	0.0
506	D1	Monday	03NOV2003	0	0.0	01NOV2004	14	161.7
507	D2	Monday	03NOV2003	0	0.0	01NOV2004	3	4.1
508	D3	Monday	03NOV2003	0	0.0	01NOV2004	1	1.6
509	D4	Monday	03NOV2003	0	0.0	01NOV2004	1	5.0
510	D5	Monday	03NOV2003	0	0.0	01NOV2004	9	8.4
511	D9	Monday	03NOV2003	0	0.0	01NOV2004	2	3.5
512	A11	Tuesday	04NOV2003	12	44.3	02NOV2004	15	55.4
513	A12	Tuesday	04NOV2003	1	12.9	02NOV2004	2	25.8
514	A13	Tuesday	04NOV2003	2	6.4	02NOV2004	5	16.0
515	A14	Tuesday	04NOV2003	5	74.5	02NOV2004	0	0.0
516	A17	Tuesday	04NOV2003	9	43.2	02NOV2004	5	24.0
517	A21	Tuesday	04NOV2003	4	45.5	02NOV2004	5	56.9
518	A3	Tuesday	04NOV2003	4	29.0	02NOV2004	4	29.0
519	B6	Tuesday	04NOV2003	0	0.0	02NOV2004	4	7.9
520	B8	Tuesday	04NOV2003	0	0.0	02NOV2004	2	4.3
521	C2	Tuesday	04NOV2003	0	0.0	02NOV2004	6	17.5
522	C3	Tuesday	04NOV2003	17	23.1	02NOV2004	2	2.7
523	D1	Tuesday	04NOV2003	0	0.0	02NOV2004	4	46.2
524	D2	Tuesday	04NOV2003	0	0.0	02NOV2004	4	5.5
525	D3	Tuesday	04NOV2003	0	0.0	02NOV2004	8	12.7
526	D5	Tuesday	04NOV2003	0	0.0	02NOV2004	4	3.7
527	D9	Tuesday	04NOV2003	0	0.0	02NOV2004	1	1.8
528	A11	Wednesday	05NOV2003	5	18.5	03NOV2004	13	48.0

Hunting Effort Data by Training Area and Day, Sorted by Day 12

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
529	A12	Wednesday	05NOV2003	1	12.9	03NOV2004	2	25.8
530	A13	Wednesday	05NOV2003	0	0.0	03NOV2004	2	6.4
531	A14	Wednesday	05NOV2003	5	74.5	03NOV2004	1	14.9
532	A16	Wednesday	05NOV2003	1	6.0	03NOV2004	2	19.2
533	A17	Wednesday	05NOV2003	6	28.8	03NOV2004	2	9.6
534	A21	Wednesday	05NOV2003	0	0.0	03NOV2004	1	11.4
535	A3	Wednesday	05NOV2003	3	21.7	03NOV2004	6	43.5
536	B1	Wednesday	05NOV2003	2	20.1	03NOV2004	1	10.0
537	B6	Wednesday	05NOV2003	0	0.0	03NOV2004	3	5.9
538	B7	Wednesday	05NOV2003	0	0.0	03NOV2004	2	8.6
539	C1	Wednesday	05NOV2003	0	0.0	03NOV2004	1	2.4
540	C2	Wednesday	05NOV2003	0	0.0	03NOV2004	4	11.7
541	C3	Wednesday	05NOV2003	12	16.3	03NOV2004	3	4.1
542	C5	Wednesday	05NOV2003	4	7.7	03NOV2004	0	0.0
543	D1	Wednesday	05NOV2003	0	0.0	03NOV2004	9	104.0
544	D2	Wednesday	05NOV2003	0	0.0	03NOV2004	7	9.7
545	D3	Wednesday	05NOV2003	0	0.0	03NOV2004	2	3.2
546	D4	Wednesday	05NOV2003	0	0.0	03NOV2004	2	10.0
547	D5	Wednesday	05NOV2003	0	0.0	03NOV2004	9	8.4
548	A11	Thursday	06NOV2003	5	18.5	04NOV2004	7	25.8
549	A12	Thursday	06NOV2003	4	51.7	04NOV2004	0	0.0
550	A13	Thursday	06NOV2003	0	0.0	04NOV2004	3	9.6
551	A14	Thursday	06NOV2003	3	44.7	04NOV2004	0	0.0
552	A17	Thursday	06NOV2003	1	4.8	04NOV2004	0	0.0
553	A21	Thursday	06NOV2003	2	22.8	04NOV2004	0	0.0
554	A3	Thursday	06NOV2003	5	36.2	04NOV2004	2	14.5
555	B1	Thursday	06NOV2003	2	20.1	04NOV2004	0	0.0
556	B6	Thursday	06NOV2003	0	0.0	04NOV2004	3	5.9
557	B7	Thursday	06NOV2003	0	0.0	04NOV2004	1	4.3
558	C2	Thursday	06NOV2003	0	0.0	04NOV2004	4	11.7
559	C3	Thursday	06NOV2003	11	15.0	04NOV2004	1	1.4
560	C5	Thursday	06NOV2003	4	7.7	04NOV2004	0	0.0
561	D1	Thursday	06NOV2003	1	11.6	04NOV2004	5	57.8
562	D2	Thursday	06NOV2003	0	0.0	04NOV2004	6	8.3
563	D3	Thursday	06NOV2003	0	0.0	04NOV2004	1	1.6
564	D5	Thursday	06NOV2003	0	0.0	04NOV2004	2	1.9
565	A11	Friday	07NOV2003	17	62.8	05NOV2004	10	36.9
566	A12	Friday	07NOV2003	2	25.8	05NOV2004	0	0.0
567	A13	Friday	07NOV2003	3	9.6	05NOV2004	1	3.2
568	A14	Friday	07NOV2003	5	74.5	05NOV2004	1	14.9
569	A16	Friday	07NOV2003	4	24.2	05NOV2004	0	0.0
570	A17	Friday	07NOV2003	3	14.4	05NOV2004	1	4.8
571	A21	Friday	07NOV2003	1	11.4	05NOV2004	0	0.0
572	A3	Friday	07NOV2003	11	79.7	05NOV2004	4	29.0
573	B1	Friday	07NOV2003	0	0.0	05NOV2004	1	10.0
574	B6	Friday	07NOV2003	0	0.0	05NOV2004	3	5.9
575	B7	Friday	07NOV2003	0	0.0	05NOV2004	1	4.3
576	C2	Friday	07NOV2003	0	0.0	05NOV2004	7	20.5

Hunting Effort Data by Training Area and Day, Sorted by Day 13

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
577	C3	Friday	07NOV2003	30	40.8	05NOV2004	1	1.4
578	C5	Friday	07NOV2003	11	21.2	05NOV2004	0	0.0
579	C8	Friday	07NOV2003	16	17.9	05NOV2004	0	0.0
580	D4	Friday	07NOV2003	0	0.0	05NOV2004	7	35.0
581	D5	Friday	07NOV2003	0	0.0	05NOV2004	4	3.7
582	A11	Saturday	08NOV2003	43	158.7	06NOV2004	35	129.2
583	A12	Saturday	08NOV2003	6	77.5	06NOV2004	2	25.8
584	A13	Saturday	08NOV2003	8	25.7	06NOV2004	3	9.6
585	A14	Saturday	08NOV2003	7	104.4	06NOV2004	0	0.0
586	A17	Saturday	08NOV2003	0	0.0	06NOV2004	7	33.6
587	A21	Saturday	08NOV2003	2	22.8	06NOV2004	4	45.5
588	A3	Saturday	08NOV2003	11	79.7	06NOV2004	9	65.2
589	B1	Saturday	08NOV2003	2	20.1	06NOV2004	1	10.0
590	B6	Saturday	08NOV2003	0	0.0	06NOV2004	15	29.5
591	B8	Saturday	08NOV2003	0	0.0	06NOV2004	18	38.9
592	C2	Saturday	08NOV2003	0	0.0	06NOV2004	16	46.8
593	C3	Saturday	08NOV2003	55	74.8	06NOV2004	0	0.0
594	C8	Saturday	08NOV2003	13	14.5	06NOV2004	0	0.0
595	D5	Saturday	08NOV2003	0	0.0	06NOV2004	32	29.8
596	A11	Monday	10NOV2003	22	81.2	08NOV2004	20	73.8
597	A12	Monday	10NOV2003	2	25.8	08NOV2004	0	0.0
598	A13	Monday	10NOV2003	3	9.6	08NOV2004	3	9.6
599	A14	Monday	10NOV2003	0	0.0	08NOV2004	5	74.5
600	A16	Monday	10NOV2003	0	0.0	08NOV2004	1	9.6
601	A17	Monday	10NOV2003	0	0.0	08NOV2004	1	4.8
602	A2	Monday	10NOV2003	0	0.0	08NOV2004	3	16.0
603	A21	Monday	10NOV2003	3	34.1	08NOV2004	5	56.9
604	A3	Monday	10NOV2003	5	36.2	08NOV2004	4	29.0
605	B2	Monday	10NOV2003	0	0.0	08NOV2004	1	3.4
606	B6	Monday	10NOV2003	5	9.8	08NOV2004	9	17.7
607	B7	Monday	10NOV2003	7	29.9	08NOV2004	9	38.5
608	B8	Monday	10NOV2003	1	2.2	08NOV2004	10	21.6
609	B9	Monday	10NOV2003	0	0.0	08NOV2004	3	7.9
610	C1	Monday	10NOV2003	12	29.4	08NOV2004	7	17.1
611	C2	Monday	10NOV2003	8	23.4	08NOV2004	5	14.6
612	C3	Monday	10NOV2003	12	16.3	08NOV2004	6	8.2
613	D1	Monday	10NOV2003	28	323.5	08NOV2004	0	0.0
614	D2	Monday	10NOV2003	9	12.4	08NOV2004	0	0.0
615	D3	Monday	10NOV2003	4	6.4	08NOV2004	1	1.6
616	D4	Monday	10NOV2003	1	5.0	08NOV2004	3	15.0
617	D5	Monday	10NOV2003	5	4.7	08NOV2004	15	14.0
618	A11	Tuesday	11NOV2003	12	44.3	09NOV2004	22	81.2
619	A12	Tuesday	11NOV2003	2	25.8	09NOV2004	1	12.9
620	A13	Tuesday	11NOV2003	6	19.2	09NOV2004	5	16.0
621	A14	Tuesday	11NOV2003	0	0.0	09NOV2004	1	14.9
622	A16	Tuesday	11NOV2003	0	0.0	09NOV2004	1	9.6
623	A17	Tuesday	11NOV2003	0	0.0	09NOV2004	1	4.8
624	A21	Tuesday	11NOV2003	4	45.5	09NOV2004	1	11.4

Hunting Effort Data by Training Area and Day, Sorted by Day   14

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
625	A3	Tuesday	11NOV2003	4	29.0	09NOV2004	1	7.2
626	B1	Tuesday	11NOV2003	0	0.0	09NOV2004	1	10.0
627	B2	Tuesday	11NOV2003	0	0.0	09NOV2004	6	20.5
628	B3	Tuesday	11NOV2003	0	0.0	09NOV2004	15	33.8
629	B4	Tuesday	11NOV2003	0	0.0	09NOV2004	23	25.6
630	B5	Tuesday	11NOV2003	0	0.0	09NOV2004	14	10.3
631	B6	Tuesday	11NOV2003	4	7.9	09NOV2004	0	0.0
632	B7	Tuesday	11NOV2003	1	4.3	09NOV2004	3	12.8
633	B8	Tuesday	11NOV2003	0	0.0	09NOV2004	4	8.6
634	C1	Tuesday	11NOV2003	10	24.5	09NOV2004	5	12.2
635	C2	Tuesday	11NOV2003	6	17.5	09NOV2004	0	0.0
636	C3	Tuesday	11NOV2003	8	10.9	09NOV2004	6	8.2
637	D1	Tuesday	11NOV2003	21	242.6	09NOV2004	0	0.0
638	D2	Tuesday	11NOV2003	8	11.0	09NOV2004	0	0.0
639	D3	Tuesday	11NOV2003	4	6.4	09NOV2004	0	0.0
640	D4	Tuesday	11NOV2003	1	5.0	09NOV2004	0	0.0
641	D5	Tuesday	11NOV2003	6	5.6	09NOV2004	0	0.0
642	A11	Wednesday	12NOV2003	8	29.5	10NOV2004	18	66.4
643	A12	Wednesday	12NOV2003	1	12.9	10NOV2004	1	12.9
644	A13	Wednesday	12NOV2003	4	12.8	10NOV2004	0	0.0
645	A21	Wednesday	12NOV2003	1	11.4	10NOV2004	1	11.4
646	A3	Wednesday	12NOV2003	2	14.5	10NOV2004	2	14.5
647	B1	Wednesday	12NOV2003	0	0.0	10NOV2004	1	10.0
648	B2	Wednesday	12NOV2003	0	0.0	10NOV2004	3	10.3
649	B3	Wednesday	12NOV2003	0	0.0	10NOV2004	13	29.3
650	B4	Wednesday	12NOV2003	0	0.0	10NOV2004	16	17.8
651	B5	Wednesday	12NOV2003	0	0.0	10NOV2004	12	8.8
652	B6	Wednesday	12NOV2003	1	2.0	10NOV2004	2	3.9
653	B7	Wednesday	12NOV2003	2	8.6	10NOV2004	3	12.8
654	B8	Wednesday	12NOV2003	4	8.6	10NOV2004	0	0.0
655	C1	Wednesday	12NOV2003	4	9.8	10NOV2004	4	9.8
656	C2	Wednesday	12NOV2003	7	20.5	10NOV2004	3	8.8
657	C3	Wednesday	12NOV2003	3	4.1	10NOV2004	9	12.2
658	D1	Wednesday	12NOV2003	17	196.4	10NOV2004	0	0.0
659	D2	Wednesday	12NOV2003	5	6.9	10NOV2004	0	0.0
660	D3	Wednesday	12NOV2003	6	9.5	10NOV2004	0	0.0
661	D4	Wednesday	12NOV2003	1	5.0	10NOV2004	0	0.0
662	A11	Thursday	13NOV2003	4	14.8	11NOV2004	25	92.3
663	A13	Thursday	13NOV2003	2	6.4	11NOV2004	0	0.0
664	A21	Thursday	13NOV2003	1	11.4	11NOV2004	2	22.8
665	A3	Thursday	13NOV2003	5	36.2	11NOV2004	8	57.9
666	B1	Thursday	13NOV2003	1	10.0	11NOV2004	0	0.0
667	B6	Thursday	13NOV2003	4	7.9	11NOV2004	6	11.8
668	B7	Thursday	13NOV2003	1	4.3	11NOV2004	3	12.8
669	B8	Thursday	13NOV2003	0	0.0	11NOV2004	3	6.5
670	B9	Thursday	13NOV2003	0	0.0	11NOV2004	4	10.5
671	C1	Thursday	13NOV2003	4	9.8	11NOV2004	7	17.1
672	C2	Thursday	13NOV2003	2	5.8	11NOV2004	5	14.6

Hunting Effort Data by Training Area and Day, Sorted by Day   15

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
673	C3	Thursday	13NOV2003	7	9.5	11NOV2004	8	10.9
674	C9	Thursday	13NOV2003	0	0.0	11NOV2004	8	14.6
675	D1	Thursday	13NOV2003	20	231.0	11NOV2004	19	219.5
676	D2	Thursday	13NOV2003	5	6.9	11NOV2004	5	6.9
677	D3	Thursday	13NOV2003	1	1.6	11NOV2004	0	0.0
678	D4	Thursday	13NOV2003	0	0.0	11NOV2004	3	15.0
679	D6	Thursday	13NOV2003	0	0.0	11NOV2004	5	9.8
680	D8	Thursday	13NOV2003	0	0.0	11NOV2004	5	8.7
681	D9	Thursday	13NOV2003	0	0.0	11NOV2004	1	1.8
682	A11	Friday	14NOV2003	7	25.8	12NOV2004	25	92.3
683	A12	Friday	14NOV2003	5	64.6	12NOV2004	0	0.0
684	A13	Friday	14NOV2003	2	6.4	12NOV2004	0	0.0
685	A21	Friday	14NOV2003	2	22.8	12NOV2004	2	22.8
686	A3	Friday	14NOV2003	8	57.9	12NOV2004	9	65.2
687	B1	Friday	14NOV2003	3	30.1	12NOV2004	0	0.0
688	B10	Friday	14NOV2003	0	0.0	12NOV2004	3	3.8
689	B3	Friday	14NOV2003	0	0.0	12NOV2004	1	2.3
690	B6	Friday	14NOV2003	6	11.8	12NOV2004	5	9.8
691	B7	Friday	14NOV2003	0	0.0	12NOV2004	4	17.1
692	B8	Friday	14NOV2003	0	0.0	12NOV2004	10	21.6
693	B9	Friday	14NOV2003	0	0.0	12NOV2004	11	28.9
694	C1	Friday	14NOV2003	10	24.5	12NOV2004	11	26.9
695	C2	Friday	14NOV2003	8	23.4	12NOV2004	2	5.8
696	D2	Friday	14NOV2003	17	23.4	12NOV2004	0	0.0
697	D4	Friday	14NOV2003	1	5.0	12NOV2004	0	0.0
698	A11	Saturday	15NOV2003	40	147.7	13NOV2004	28	103.4
699	A12	Saturday	15NOV2003	6	77.5	13NOV2004	0	0.0
700	A13	Saturday	15NOV2003	2	6.4	13NOV2004	0	0.0
701	A21	Saturday	15NOV2003	5	56.9	13NOV2004	3	34.1
702	A3	Saturday	15NOV2003	14	101.4	13NOV2004	14	101.4
703	B1	Saturday	15NOV2003	0	0.0	13NOV2004	5	50.1
704	B6	Saturday	15NOV2003	16	31.5	13NOV2004	3	5.9
705	B7	Saturday	15NOV2003	0	0.0	13NOV2004	3	12.8
706	B9	Saturday	15NOV2003	0	0.0	13NOV2004	12	31.5
707	C1	Saturday	15NOV2003	17	41.6	13NOV2004	17	41.6
708	C2	Saturday	15NOV2003	0	0.0	13NOV2004	6	17.5
709	C9	Saturday	15NOV2003	0	0.0	13NOV2004	25	45.5
710	D1	Saturday	15NOV2003	0	0.0	13NOV2004	27	311.9
711	D2	Saturday	15NOV2003	41	56.5	13NOV2004	4	5.5
712	D3	Saturday	15NOV2003	0	0.0	13NOV2004	2	3.2
713	D4	Saturday	15NOV2003	5	25.0	13NOV2004	0	0.0
714	D6	Saturday	15NOV2003	1	2.0	13NOV2004	5	9.8
715	D9	Saturday	15NOV2003	6	10.5	13NOV2004	1	1.8
716	A11	Monday	01DEC2003	1	3.7	29NOV2004	8	29.5
717	A12	Monday	01DEC2003	2	25.8	29NOV2004	0	0.0
718	A13	Monday	01DEC2003	2	6.4	29NOV2004	0	0.0
719	A16	Monday	01DEC2003	1	6.0	29NOV2004	0	0.0
720	A17	Monday	01DEC2003	1	4.8	29NOV2004	0	0.0

Hunting Effort Data by Training Area and Day, Sorted by Day   16

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
721	A3	Monday	01DEC2003	1	7.2	29NOV2004	1	7.2
722	B10	Monday	01DEC2003	17	21.7	29NOV2004	13	16.6
723	B11	Monday	01DEC2003	0	0.0	29NOV2004	9	20.5
724	B12	Monday	01DEC2003	0	0.0	29NOV2004	20	27.1
725	B2	Monday	01DEC2003	1	3.4	29NOV2004	2	6.8
726	B3	Monday	01DEC2003	8	18.0	29NOV2004	4	9.0
727	B4	Monday	01DEC2003	6	6.7	29NOV2004	7	7.8
728	B5	Monday	01DEC2003	2	1.5	29NOV2004	4	2.9
729	B6	Monday	01DEC2003	22	43.3	29NOV2004	15	29.5
730	B7	Monday	01DEC2003	6	25.7	29NOV2004	14	59.9
731	B8	Monday	01DEC2003	10	21.6	29NOV2004	13	28.1
732	B9	Monday	01DEC2003	0	0.0	29NOV2004	22	57.7
733	C1	Monday	01DEC2003	1	2.4	29NOV2004	0	0.0
734	C2	Monday	01DEC2003	1	2.9	29NOV2004	0	0.0
735	C3	Monday	01DEC2003	38	51.7	29NOV2004	28	38.1
736	C4	Monday	01DEC2003	124	124.2	29NOV2004	41	41.1
737	C5	Monday	01DEC2003	18	34.7	29NOV2004	10	19.3
738	C8	Monday	01DEC2003	20	22.3	29NOV2004	40	44.7
739	C9	Monday	01DEC2003	11	20.0	29NOV2004	12	21.8
740	D1	Monday	01DEC2003	56	646.9	29NOV2004	44	508.3
741	D2	Monday	01DEC2003	28	38.6	29NOV2004	19	26.2
742	D3	Monday	01DEC2003	14	22.2	29NOV2004	16	25.4
743	D4	Monday	01DEC2003	11	55.0	29NOV2004	2	10.0
744	D5	Monday	01DEC2003	4	3.7	29NOV2004	38	35.4
745	D6	Monday	01DEC2003	15	29.3	29NOV2004	6	11.7
746	D7	Monday	01DEC2003	1	1.2	29NOV2004	19	22.1
747	D8	Monday	01DEC2003	0	0.0	29NOV2004	19	33.1
748	D9	Monday	01DEC2003	7	12.3	29NOV2004	12	21.1
749	A11	Tuesday	02DEC2003	4	14.8	30NOV2004	8	29.5
750	B10	Tuesday	02DEC2003	0	0.0	30NOV2004	4	5.1
751	B11	Tuesday	02DEC2003	0	0.0	30NOV2004	8	18.2
752	B12	Tuesday	02DEC2003	0	0.0	30NOV2004	9	12.2
753	B2	Tuesday	02DEC2003	1	3.4	30NOV2004	0	0.0
754	B3	Tuesday	02DEC2003	2	4.5	30NOV2004	2	4.5
755	B4	Tuesday	02DEC2003	1	1.1	30NOV2004	5	5.6
756	B6	Tuesday	02DEC2003	13	25.6	30NOV2004	10	19.7
757	B7	Tuesday	02DEC2003	8	34.2	30NOV2004	15	64.1
758	B8	Tuesday	02DEC2003	9	19.5	30NOV2004	8	17.3
759	B9	Tuesday	02DEC2003	0	0.0	30NOV2004	22	57.7
760	C3	Tuesday	02DEC2003	64	87.0	30NOV2004	24	32.6
761	C4	Tuesday	02DEC2003	85	85.1	30NOV2004	31	31.1
762	C5	Tuesday	02DEC2003	7	13.5	30NOV2004	8	15.4
763	C8	Tuesday	02DEC2003	0	0.0	30NOV2004	31	34.6
764	C9	Tuesday	02DEC2003	11	20.0	30NOV2004	11	20.0
765	D1	Tuesday	02DEC2003	0	0.0	30NOV2004	37	427.4
766	D2	Tuesday	02DEC2003	0	0.0	30NOV2004	15	20.7
767	D3	Tuesday	02DEC2003	0	0.0	30NOV2004	12	19.1
768	D4	Tuesday	02DEC2003	12	60.0	30NOV2004	4	20.0

Hunting Effort Data by Training Area and Day, Sorted by Day   17

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
769	D5	Tuesday	02DEC2003	0	0.0	30NOV2004	42	39.1
770	D6	Tuesday	02DEC2003	27	52.7	30NOV2004	8	15.6
771	D7	Tuesday	02DEC2003	0	0.0	30NOV2004	17	19.8
772	D8	Tuesday	02DEC2003	15	26.2	30NOV2004	8	14.0
773	D9	Tuesday	02DEC2003	0	0.0	30NOV2004	13	22.8
774	A11	Wednesday	03DEC2003	7	25.8	01DEC2004	2	7.4
775	A12	Wednesday	03DEC2003	2	25.8	01DEC2004	1	12.9
776	A13	Wednesday	03DEC2003	2	6.4	01DEC2004	0	0.0
777	A17	Wednesday	03DEC2003	0	0.0	01DEC2004	1	4.8
778	A3	Wednesday	03DEC2003	1	7.2	01DEC2004	0	0.0
779	B11	Wednesday	03DEC2003	0	0.0	01DEC2004	1	2.3
780	B12	Wednesday	03DEC2003	0	0.0	01DEC2004	1	1.4
781	B2	Wednesday	03DEC2003	3	10.3	01DEC2004	0	0.0
782	B3	Wednesday	03DEC2003	2	4.5	01DEC2004	0	0.0
783	B4	Wednesday	03DEC2003	2	2.2	01DEC2004	0	0.0
784	B5	Wednesday	03DEC2003	1	0.7	01DEC2004	0	0.0
785	B6	Wednesday	03DEC2003	14	27.5	01DEC2004	2	3.9
786	B7	Wednesday	03DEC2003	5	21.4	01DEC2004	6	25.7
787	B8	Wednesday	03DEC2003	4	8.6	01DEC2004	0	0.0
788	B9	Wednesday	03DEC2003	0	0.0	01DEC2004	4	10.5
789	C2	Wednesday	03DEC2003	1	2.9	01DEC2004	0	0.0
790	C3	Wednesday	03DEC2003	31	42.2	01DEC2004	5	6.8
791	C4	Wednesday	03DEC2003	47	47.1	01DEC2004	8	8.0
792	C5	Wednesday	03DEC2003	4	7.7	01DEC2004	0	0.0
793	C8	Wednesday	03DEC2003	0	0.0	01DEC2004	6	6.7
794	C9	Wednesday	03DEC2003	10	18.2	01DEC2004	1	1.8
795	D1	Wednesday	03DEC2003	0	0.0	01DEC2004	6	69.3
796	D2	Wednesday	03DEC2003	0	0.0	01DEC2004	1	1.4
797	D3	Wednesday	03DEC2003	0	0.0	01DEC2004	4	6.4
798	D4	Wednesday	03DEC2003	20	100.0	01DEC2004	1	5.0
799	D5	Wednesday	03DEC2003	0	0.0	01DEC2004	8	7.4
800	D6	Wednesday	03DEC2003	12	23.4	01DEC2004	0	0.0
801	D7	Wednesday	03DEC2003	0	0.0	01DEC2004	5	5.8
802	D9	Wednesday	03DEC2003	0	0.0	01DEC2004	1	1.8
803	A11	Thursday	04DEC2003	3	11.1	02DEC2004	8	29.5
804	A13	Thursday	04DEC2003	1	3.2	02DEC2004	0	0.0
805	A3	Thursday	04DEC2003	0	0.0	02DEC2004	1	7.2
806	B10	Thursday	04DEC2003	0	0.0	02DEC2004	3	3.8
807	B11	Thursday	04DEC2003	0	0.0	02DEC2004	4	9.1
808	B12	Thursday	04DEC2003	0	0.0	02DEC2004	6	8.1
809	B2	Thursday	04DEC2003	3	10.3	02DEC2004	0	0.0
810	B3	Thursday	04DEC2003	6	13.5	02DEC2004	0	0.0
811	B4	Thursday	04DEC2003	2	2.2	02DEC2004	0	0.0
812	B5	Thursday	04DEC2003	2	1.5	02DEC2004	0	0.0
813	B6	Thursday	04DEC2003	7	13.8	02DEC2004	4	7.9
814	B7	Thursday	04DEC2003	2	8.6	02DEC2004	4	17.1
815	B8	Thursday	04DEC2003	1	2.2	02DEC2004	10	21.6
816	B9	Thursday	04DEC2003	2	5.2	02DEC2004	6	15.7

Hunting Effort Data by Training Area and Day, Sorted by Day   18

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
817	C1	Thursday	04DEC2003	0	0.0	02DEC2004	3	7.3
818	C3	Thursday	04DEC2003	5	6.8	02DEC2004	9	12.2
819	C4	Thursday	04DEC2003	30	30.1	02DEC2004	7	7.0
820	C5	Thursday	04DEC2003	4	7.7	02DEC2004	4	7.7
821	C8	Thursday	04DEC2003	0	0.0	02DEC2004	17	19.0
822	C9	Thursday	04DEC2003	5	9.1	02DEC2004	4	7.3
823	D1	Thursday	04DEC2003	0	0.0	02DEC2004	20	231.0
824	D2	Thursday	04DEC2003	0	0.0	02DEC2004	9	12.4
825	D3	Thursday	04DEC2003	0	0.0	02DEC2004	2	3.2
826	D4	Thursday	04DEC2003	6	30.0	02DEC2004	1	5.0
827	D5	Thursday	04DEC2003	51	47.5	02DEC2004	15	14.0
828	D6	Thursday	04DEC2003	2	3.9	02DEC2004	9	17.6
829	D7	Thursday	04DEC2003	10	11.7	02DEC2004	9	10.5
830	D8	Thursday	04DEC2003	5	8.7	02DEC2004	2	3.5
831	D9	Thursday	04DEC2003	0	0.0	02DEC2004	1	1.8
832	A11	Friday	05DEC2003	6	22.1	03DEC2004	0	0.0
833	A13	Friday	05DEC2003	2	6.4	03DEC2004	0	0.0
834	A14	Friday	05DEC2003	0	0.0	03DEC2004	2	29.8
835	A17	Friday	05DEC2003	0	0.0	03DEC2004	2	9.6
836	B10	Friday	05DEC2003	0	0.0	03DEC2004	4	5.1
837	B11	Friday	05DEC2003	0	0.0	03DEC2004	7	15.9
838	B12	Friday	05DEC2003	0	0.0	03DEC2004	2	2.7
839	B2	Friday	05DEC2003	0	0.0	03DEC2004	3	10.3
840	B3	Friday	05DEC2003	0	0.0	03DEC2004	3	6.8
841	B4	Friday	05DEC2003	0	0.0	03DEC2004	2	2.2
842	B5	Friday	05DEC2003	0	0.0	03DEC2004	4	2.9
843	B6	Friday	05DEC2003	14	27.5	03DEC2004	10	19.7
844	B7	Friday	05DEC2003	4	17.1	03DEC2004	7	29.9
845	B8	Friday	05DEC2003	11	23.8	03DEC2004	15	32.4
846	B9	Friday	05DEC2003	0	0.0	03DEC2004	7	18.4
847	C1	Friday	05DEC2003	1	2.4	03DEC2004	0	0.0
848	C2	Friday	05DEC2003	0	0.0	03DEC2004	1	2.9
849	C3	Friday	05DEC2003	37	50.3	03DEC2004	14	19.0
850	C4	Friday	05DEC2003	19	19.0	03DEC2004	8	8.0
851	C5	Friday	05DEC2003	0	0.0	03DEC2004	1	1.9
852	C8	Friday	05DEC2003	0	0.0	03DEC2004	14	15.6
853	C9	Friday	05DEC2003	5	9.1	03DEC2004	4	7.3
854	D1	Friday	05DEC2003	0	0.0	03DEC2004	30	346.6
855	D2	Friday	05DEC2003	0	0.0	03DEC2004	7	9.7
856	D3	Friday	05DEC2003	28	44.5	03DEC2004	2	3.2
857	D4	Friday	05DEC2003	6	30.0	03DEC2004	4	20.0
858	D6	Friday	05DEC2003	8	15.6	03DEC2004	5	9.8
859	D8	Friday	05DEC2003	1	1.7	03DEC2004	5	8.7
860	D9	Friday	05DEC2003	0	0.0	03DEC2004	1	1.8
861	A17	Saturday	06DEC2003	0	0.0	04DEC2004	2	9.6
862	A3	Saturday	06DEC2003	0	0.0	04DEC2004	3	21.7
863	B11	Saturday	06DEC2003	0	0.0	04DEC2004	34	77.4
864	B12	Saturday	06DEC2003	0	0.0	04DEC2004	32	43.4

Hunting Effort Data by Training Area and Day, Sorted by Day   19

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
865	B2	Saturday	06DEC2003	0	0.0	04DEC2004	2	6.8
866	B3	Saturday	06DEC2003	0	0.0	04DEC2004	2	4.5
867	B4	Saturday	06DEC2003	0	0.0	04DEC2004	7	7.8
868	B5	Saturday	06DEC2003	0	0.0	04DEC2004	3	2.2
869	B6	Saturday	06DEC2003	0	0.0	04DEC2004	27	53.1
870	B8	Saturday	06DEC2003	0	0.0	04DEC2004	22	47.6
871	B9	Saturday	06DEC2003	0	0.0	04DEC2004	1	2.6
872	C1	Saturday	06DEC2003	0	0.0	04DEC2004	2	4.9
873	C2	Saturday	06DEC2003	0	0.0	04DEC2004	1	2.9
874	C3	Saturday	06DEC2003	0	0.0	04DEC2004	45	61.2
875	C4	Saturday	06DEC2003	0	0.0	04DEC2004	51	51.1
876	C5	Saturday	06DEC2003	0	0.0	04DEC2004	7	13.5
877	C9	Saturday	06DEC2003	0	0.0	04DEC2004	15	27.3
878	D1	Saturday	06DEC2003	0	0.0	04DEC2004	2	23.1
879	D5	Saturday	06DEC2003	0	0.0	04DEC2004	2	1.9
880	D6	Saturday	06DEC2003	0	0.0	04DEC2004	56	109.4
881	D7	Saturday	06DEC2003	0	0.0	04DEC2004	1	1.2
882	A11	Monday	08DEC2003	5	18.5	06DEC2004	0	0.0
883	A13	Monday	08DEC2003	1	3.2	06DEC2004	0	0.0
884	A16	Monday	08DEC2003	0	0.0	06DEC2004	1	9.6
885	A17	Monday	08DEC2003	0	0.0	06DEC2004	1	4.8
886	A3	Monday	08DEC2003	1	7.2	06DEC2004	1	7.2
887	B6	Monday	08DEC2003	5	9.8	06DEC2004	4	7.9
888	B7	Monday	08DEC2003	0	0.0	06DEC2004	7	29.9
889	B8	Monday	08DEC2003	10	21.6	06DEC2004	6	13.0
890	C3	Monday	08DEC2003	18	24.5	06DEC2004	12	16.3
891	C4	Monday	08DEC2003	23	23.0	06DEC2004	8	8.0
892	C5	Monday	08DEC2003	2	3.9	06DEC2004	7	13.5
893	C8	Monday	08DEC2003	0	0.0	06DEC2004	7	7.8
894	C9	Monday	08DEC2003	3	5.5	06DEC2004	3	5.5
895	D1	Monday	08DEC2003	22	254.1	06DEC2004	14	161.7
896	D2	Monday	08DEC2003	10	13.8	06DEC2004	5	6.9
897	D3	Monday	08DEC2003	5	7.9	06DEC2004	5	7.9
898	D4	Monday	08DEC2003	5	25.0	06DEC2004	1	5.0
899	D5	Monday	08DEC2003	6	5.6	06DEC2004	8	7.4
900	D6	Monday	08DEC2003	0	0.0	06DEC2004	4	7.8
901	D7	Monday	08DEC2003	1	1.2	06DEC2004	8	9.3
902	D8	Monday	08DEC2003	1	1.7	06DEC2004	0	0.0
903	D9	Monday	08DEC2003	1	1.8	06DEC2004	6	10.5
904	A11	Tuesday	09DEC2003	3	11.1	07DEC2004	0	0.0
905	A13	Tuesday	09DEC2003	1	3.2	07DEC2004	0	0.0
906	A14	Tuesday	09DEC2003	0	0.0	07DEC2004	1	14.9
907	A3	Tuesday	09DEC2003	1	7.2	07DEC2004	1	7.2
908	B6	Tuesday	09DEC2003	4	7.9	07DEC2004	9	17.7
909	B7	Tuesday	09DEC2003	1	4.3	07DEC2004	14	59.9
910	B8	Tuesday	09DEC2003	5	10.8	07DEC2004	4	8.6
911	C1	Tuesday	09DEC2003	0	0.0	07DEC2004	1	2.4
912	C2	Tuesday	09DEC2003	2	5.8	07DEC2004	0	0.0

Hunting Effort Data by Training Area and Day, Sorted by Day   20

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
913	C3	Tuesday	09DEC2003	26	35.4	07DEC2004	0	0.0
914	C4	Tuesday	09DEC2003	12	12.0	07DEC2004	0	0.0
915	C9	Tuesday	09DEC2003	6	10.9	07DEC2004	0	0.0
916	D2	Tuesday	09DEC2003	19	26.2	07DEC2004	0	0.0
917	D3	Tuesday	09DEC2003	12	19.1	07DEC2004	0	0.0
918	D4	Tuesday	09DEC2003	2	10.0	07DEC2004	0	0.0
919	D6	Tuesday	09DEC2003	7	13.7	07DEC2004	0	0.0
920	A14	Wednesday	10DEC2003	0	0.0	08DEC2004	2	29.8
921	A16	Wednesday	10DEC2003	1	6.0	08DEC2004	0	0.0
922	A21	Wednesday	10DEC2003	0	0.0	08DEC2004	1	11.4
923	A3	Wednesday	10DEC2003	0	0.0	08DEC2004	4	29.0
924	B6	Wednesday	10DEC2003	9	17.7	08DEC2004	11	21.6
925	B7	Wednesday	10DEC2003	2	8.6	08DEC2004	1	4.3
926	B8	Wednesday	10DEC2003	1	2.2	08DEC2004	8	17.3
927	C1	Wednesday	10DEC2003	0	0.0	08DEC2004	4	9.8
928	C2	Wednesday	10DEC2003	0	0.0	08DEC2004	1	2.9
929	C3	Wednesday	10DEC2003	46	62.6	08DEC2004	32	43.5
930	C4	Wednesday	10DEC2003	3	3.0	08DEC2004	5	5.0
931	A11	Thursday	11DEC2003	1	3.7	09DEC2004	15	55.4
932	A14	Thursday	11DEC2003	2	29.8	09DEC2004	0	0.0
933	A21	Thursday	11DEC2003	0	0.0	09DEC2004	1	11.4
934	A3	Thursday	11DEC2003	1	7.2	09DEC2004	5	36.2
935	B3	Thursday	11DEC2003	0	0.0	09DEC2004	1	2.3
936	B5	Thursday	11DEC2003	0	0.0	09DEC2004	1	0.7
937	B6	Thursday	11DEC2003	1	2.0	09DEC2004	11	21.6
938	B8	Thursday	11DEC2003	4	8.6	09DEC2004	13	28.1
939	C1	Thursday	11DEC2003	0	0.0	09DEC2004	1	2.4
940	C2	Thursday	11DEC2003	1	2.9	09DEC2004	2	5.8
941	C3	Thursday	11DEC2003	10	13.6	09DEC2004	28	38.1
942	C4	Thursday	11DEC2003	13	13.0	09DEC2004	12	12.0
943	C5	Thursday	11DEC2003	1	1.9	09DEC2004	4	7.7
944	C9	Thursday	11DEC2003	1	1.8	09DEC2004	0	0.0
945	D2	Thursday	11DEC2003	4	5.5	09DEC2004	0	0.0
946	D3	Thursday	11DEC2003	7	11.1	09DEC2004	0	0.0
947	D4	Thursday	11DEC2003	3	15.0	09DEC2004	0	0.0
948	D6	Thursday	11DEC2003	2	3.9	09DEC2004	0	0.0
949	A11	Friday	12DEC2003	3	11.1	10DEC2004	4	14.8
950	A12	Friday	12DEC2003	4	51.7	10DEC2004	0	0.0
951	A14	Friday	12DEC2003	0	0.0	10DEC2004	2	29.8
952	A21	Friday	12DEC2003	1	11.4	10DEC2004	0	0.0
953	A3	Friday	12DEC2003	3	21.7	10DEC2004	1	7.2
954	B1	Friday	12DEC2003	1	10.0	10DEC2004	1	10.0
955	B6	Friday	12DEC2003	28	55.1	10DEC2004	7	13.8
956	B7	Friday	12DEC2003	7	29.9	10DEC2004	0	0.0
957	B8	Friday	12DEC2003	9	19.5	10DEC2004	10	21.6
958	C1	Friday	12DEC2003	0	0.0	10DEC2004	1	2.4
959	C2	Friday	12DEC2003	2	5.8	10DEC2004	2	5.8
960	C3	Friday	12DEC2003	57	77.5	10DEC2004	25	34.0

Hunting Effort Data by Training Area and Day, Sorted by Day   21

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
961	C4	Friday	12DEC2003	18	18.0	10DEC2004	6	6.0
962	C5	Friday	12DEC2003	0	0.0	10DEC2004	4	7.7
963	A11	Saturday	13DEC2003	3	11.1	11DEC2004	8	29.5
964	A13	Saturday	13DEC2003	2	6.4	11DEC2004	1	3.2
965	A21	Saturday	13DEC2003	0	0.0	11DEC2004	2	22.8
966	A3	Saturday	13DEC2003	4	29.0	11DEC2004	4	29.0
967	B11	Saturday	13DEC2003	0	0.0	11DEC2004	4	9.1
968	B12	Saturday	13DEC2003	0	0.0	11DEC2004	27	36.6
969	B2	Saturday	13DEC2003	2	6.8	11DEC2004	0	0.0
970	B3	Saturday	13DEC2003	4	9.0	11DEC2004	0	0.0
971	B4	Saturday	13DEC2003	5	5.6	11DEC2004	0	0.0
972	B5	Saturday	13DEC2003	3	2.2	11DEC2004	0	0.0
973	B6	Saturday	13DEC2003	11	21.6	11DEC2004	7	13.8
974	B7	Saturday	13DEC2003	1	4.3	11DEC2004	4	17.1
975	B8	Saturday	13DEC2003	4	8.6	11DEC2004	5	10.8
976	B9	Saturday	13DEC2003	0	0.0	11DEC2004	10	26.2
977	C1	Saturday	13DEC2003	1	2.4	11DEC2004	1	2.4
978	C2	Saturday	13DEC2003	0	0.0	11DEC2004	1	2.9
979	C3	Saturday	13DEC2003	30	40.8	11DEC2004	18	24.5
980	C4	Saturday	13DEC2003	84	84.1	11DEC2004	13	13.0
981	C5	Saturday	13DEC2003	6	11.6	11DEC2004	4	7.7
982	C8	Saturday	13DEC2003	33	36.9	11DEC2004	18	20.1
983	C9	Saturday	13DEC2003	11	20.0	11DEC2004	9	16.4
984	D1	Saturday	13DEC2003	0	0.0	11DEC2004	63	727.8
985	D2	Saturday	13DEC2003	35	48.3	11DEC2004	15	20.7
986	D3	Saturday	13DEC2003	17	27.0	11DEC2004	5	7.9
987	D4	Saturday	13DEC2003	0	0.0	11DEC2004	8	40.0
988	D5	Saturday	13DEC2003	1	0.9	11DEC2004	33	30.7
989	D6	Saturday	13DEC2003	0	0.0	11DEC2004	17	33.2
990	D7	Saturday	13DEC2003	68	79.3	11DEC2004	23	26.8
991	D8	Saturday	13DEC2003	8	14.0	11DEC2004	4	7.0
992	D9	Saturday	13DEC2003	16	28.1	11DEC2004	4	7.0
993	A11	Friday	26DEC2003	18	66.4	.	.	.
994	A12	Friday	26DEC2003	3	38.8	.	.	.
995	A3	Friday	26DEC2003	6	43.5	.	.	.
996	B11	Friday	26DEC2003	17	38.7	.	.	.
997	B12	Friday	26DEC2003	21	28.5	.	.	.
998	B6	Friday	26DEC2003	6	11.8	.	.	.
999	B8	Friday	26DEC2003	10	21.6	.	.	.
1000	C1	Friday	26DEC2003	6	14.7	.	.	.
1001	C3	Friday	26DEC2003	28	38.1	.	.	.
1002	C4	Friday	26DEC2003	20	20.0	.	.	.
1003	D8	Friday	26DEC2003	1	1.7	.	.	.
1004	A11	Saturday	27DEC2003	18	66.4	.	.	.
1005	A12	Saturday	27DEC2003	6	77.5	.	.	.
1006	A13	Saturday	27DEC2003	1	3.2	.	.	.
1007	A3	Saturday	27DEC2003	9	65.2	.	.	.
1008	B1	Saturday	27DEC2003	1	10.0	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Day   22

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1009	B11	Saturday	27DEC2003	8	18.2	.	.	.
1010	B12	Saturday	27DEC2003	2	2.7	.	.	.
1011	B6	Saturday	27DEC2003	2	3.9	.	.	.
1012	B8	Saturday	27DEC2003	1	2.2	.	.	.
1013	C1	Saturday	27DEC2003	8	19.6	.	.	.
1014	C2	Saturday	27DEC2003	1	2.9	.	.	.
1015	C3	Saturday	27DEC2003	5	6.8	.	.	.
1016	C4	Saturday	27DEC2003	15	15.0	.	.	.
1017	C5	Saturday	27DEC2003	3	5.8	.	.	.
1018	D1	Saturday	27DEC2003	48	554.5	.	.	.
1019	D2	Saturday	27DEC2003	8	11.0	.	.	.
1020	D3	Saturday	27DEC2003	7	11.1	.	.	.
1021	D4	Saturday	27DEC2003	4	20.0	.	.	.
1022	D5	Saturday	27DEC2003	23	21.4	.	.	.
1023	D6	Saturday	27DEC2003	5	9.8	.	.	.
1024	D7	Saturday	27DEC2003	17	19.8	.	.	.
1025	A11	Monday	29DEC2003	13	48.0	27DEC2004	6	22.1
1026	A12	Monday	29DEC2003	4	51.7	27DEC2004	0	0.0
1027	A13	Monday	29DEC2003	0	0.0	27DEC2004	1	3.2
1028	A16	Monday	29DEC2003	0	0.0	27DEC2004	1	9.6
1029	A21	Monday	29DEC2003	2	22.8	27DEC2004	0	0.0
1030	A3	Monday	29DEC2003	6	43.5	27DEC2004	2	14.5
1031	B10	Monday	29DEC2003	0	0.0	27DEC2004	7	8.9
1032	B11	Monday	29DEC2003	12	27.3	27DEC2004	3	6.8
1033	B12	Monday	29DEC2003	1	1.4	27DEC2004	0	0.0
1034	B3	Monday	29DEC2003	0	0.0	27DEC2004	1	2.3
1035	B4	Monday	29DEC2003	0	0.0	27DEC2004	4	4.5
1036	B5	Monday	29DEC2003	0	0.0	27DEC2004	2	1.5
1037	B6	Monday	29DEC2003	2	3.9	27DEC2004	1	2.0
1038	B7	Monday	29DEC2003	2	8.6	27DEC2004	2	8.6
1039	B8	Monday	29DEC2003	1	2.2	27DEC2004	3	6.5
1040	B9	Monday	29DEC2003	0	0.0	27DEC2004	12	31.5
1041	C1	Monday	29DEC2003	5	12.2	27DEC2004	0	0.0
1042	C2	Monday	29DEC2003	2	5.8	27DEC2004	0	0.0
1043	C3	Monday	29DEC2003	4	5.4	27DEC2004	13	17.7
1044	C4	Monday	29DEC2003	5	5.0	27DEC2004	8	8.0
1045	C5	Monday	29DEC2003	9	17.4	27DEC2004	0	0.0
1046	C8	Monday	29DEC2003	0	0.0	27DEC2004	5	5.6
1047	C9	Monday	29DEC2003	2	3.6	27DEC2004	0	0.0
1048	D1	Monday	29DEC2003	22	254.1	27DEC2004	16	184.8
1049	D2	Monday	29DEC2003	3	4.1	27DEC2004	1	1.4
1050	D3	Monday	29DEC2003	0	0.0	27DEC2004	4	6.4
1051	D4	Monday	29DEC2003	1	5.0	27DEC2004	2	10.0
1052	D5	Monday	29DEC2003	27	25.1	27DEC2004	20	18.6
1053	D6	Monday	29DEC2003	0	0.0	27DEC2004	1	2.0
1054	D7	Monday	29DEC2003	2	2.3	27DEC2004	3	3.5
1055	D8	Monday	29DEC2003	0	0.0	27DEC2004	1	1.7
1056	D9	Monday	29DEC2003	2	3.5	27DEC2004	3	5.3

Hunting Effort Data by Training Area and Day, Sorted by Day   23

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
1057	A11	Tuesday	30DEC2003	2	7.4	28DEC2004	5	18.5
1058	A12	Tuesday	30DEC2003	0	0.0	28DEC2004	1	12.9
1059	A13	Tuesday	30DEC2003	0	0.0	28DEC2004	1	3.2
1060	A14	Tuesday	30DEC2003	1	14.9	28DEC2004	0	0.0
1061	A16	Tuesday	30DEC2003	3	18.1	28DEC2004	0	0.0
1062	A17	Tuesday	30DEC2003	0	0.0	28DEC2004	3	14.4
1063	A3	Tuesday	30DEC2003	0	0.0	28DEC2004	2	14.5
1064	B10	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.3
1065	B12	Tuesday	30DEC2003	6	8.1	28DEC2004	0	0.0
1066	B3	Tuesday	30DEC2003	0	0.0	28DEC2004	2	4.5
1067	B4	Tuesday	30DEC2003	0	0.0	28DEC2004	4	4.5
1068	B6	Tuesday	30DEC2003	1	2.0	28DEC2004	2	3.9
1069	B7	Tuesday	30DEC2003	0	0.0	28DEC2004	7	29.9
1070	B8	Tuesday	30DEC2003	0	0.0	28DEC2004	4	8.6
1071	B9	Tuesday	30DEC2003	4	10.5	28DEC2004	1	2.6
1072	C3	Tuesday	30DEC2003	0	0.0	28DEC2004	12	16.3
1073	C4	Tuesday	30DEC2003	5	5.0	28DEC2004	3	3.0
1074	C5	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.9
1075	C9	Tuesday	30DEC2003	0	0.0	28DEC2004	2	3.6
1076	D1	Tuesday	30DEC2003	6	69.3	28DEC2004	0	0.0
1077	D2	Tuesday	30DEC2003	1	1.4	28DEC2004	7	9.7
1078	D3	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.6
1079	D4	Tuesday	30DEC2003	0	0.0	28DEC2004	2	10.0
1080	D5	Tuesday	30DEC2003	7	6.5	28DEC2004	0	0.0
1081	D6	Tuesday	30DEC2003	0	0.0	28DEC2004	7	13.7
1082	D8	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.7
1083	D9	Tuesday	30DEC2003	2	3.5	28DEC2004	5	8.8
1084	A11	Wednesday	31DEC2003	0	0.0	29DEC2004	5	18.5
1085	A12	Wednesday	31DEC2003	0	0.0	29DEC2004	1	12.9
1086	A13	Wednesday	31DEC2003	0	0.0	29DEC2004	1	3.2
1087	A14	Wednesday	31DEC2003	0	0.0	29DEC2004	4	59.6
1088	A16	Wednesday	31DEC2003	0	0.0	29DEC2004	1	9.6
1089	A17	Wednesday	31DEC2003	3	14.4	29DEC2004	0	0.0
1090	A21	Wednesday	31DEC2003	2	22.8	29DEC2004	0	0.0
1091	A3	Wednesday	31DEC2003	2	14.5	29DEC2004	1	7.2
1092	B10	Wednesday	31DEC2003	3	3.8	29DEC2004	0	0.0
1093	B11	Wednesday	31DEC2003	0	0.0	29DEC2004	2	4.6
1094	B12	Wednesday	31DEC2003	0	0.0	29DEC2004	2	2.7
1095	B2	Wednesday	31DEC2003	0	0.0	29DEC2004	1	3.4
1096	B3	Wednesday	31DEC2003	0	0.0	29DEC2004	1	2.3
1097	B4	Wednesday	31DEC2003	0	0.0	29DEC2004	5	5.6
1098	B5	Wednesday	31DEC2003	0	0.0	29DEC2004	2	1.5
1099	B6	Wednesday	31DEC2003	2	3.9	29DEC2004	7	13.8
1100	B7	Wednesday	31DEC2003	0	0.0	29DEC2004	1	4.3
1101	B8	Wednesday	31DEC2003	3	6.5	29DEC2004	3	6.5
1102	B9	Wednesday	31DEC2003	0	0.0	29DEC2004	3	7.9
1103	C2	Wednesday	31DEC2003	2	5.8	29DEC2004	0	0.0
1104	C3	Wednesday	31DEC2003	0	0.0	29DEC2004	7	9.5

Hunting Effort Data by Training Area and Day, Sorted by Day   24

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1105	C4	Wednesday	31DEC2003	12	12.0	29DEC2004	2	2.0
1106	C8	Wednesday	31DEC2003	0	0.0	29DEC2004	1	1.1
1107	C9	Wednesday	31DEC2003	0	0.0	29DEC2004	4	7.3
1108	D2	Wednesday	31DEC2003	0	0.0	29DEC2004	6	8.3
1109	D3	Wednesday	31DEC2003	0	0.0	29DEC2004	3	4.8
1110	D4	Wednesday	31DEC2003	3	15.0	29DEC2004	2	10.0
1111	D5	Wednesday	31DEC2003	15	14.0	29DEC2004	0	0.0
1112	D6	Wednesday	31DEC2003	1	2.0	29DEC2004	2	3.9
1113	D8	Wednesday	31DEC2003	0	0.0	29DEC2004	5	8.7
1114	D9	Wednesday	31DEC2003	0	0.0	29DEC2004	2	3.5
1115	A11	Thursday	01JAN2004	0	0.0	30DEC2004	16	59.1
1116	A13	Thursday	01JAN2004	0	0.0	30DEC2004	2	6.4
1117	A14	Thursday	01JAN2004	0	0.0	30DEC2004	1	14.9
1118	A17	Thursday	01JAN2004	0	0.0	30DEC2004	2	9.6
1119	A3	Thursday	01JAN2004	0	0.0	30DEC2004	4	29.0
1120	B10	Thursday	01JAN2004	0	0.0	30DEC2004	2	2.6
1121	B11	Thursday	01JAN2004	0	0.0	30DEC2004	1	2.3
1122	B12	Thursday	01JAN2004	0	0.0	30DEC2004	5	6.8
1123	B2	Thursday	01JAN2004	0	0.0	30DEC2004	3	10.3
1124	B3	Thursday	01JAN2004	0	0.0	30DEC2004	5	11.3
1125	B4	Thursday	01JAN2004	0	0.0	30DEC2004	7	7.8
1126	B5	Thursday	01JAN2004	0	0.0	30DEC2004	1	0.7
1127	B6	Thursday	01JAN2004	0	0.0	30DEC2004	3	5.9
1128	B7	Thursday	01JAN2004	0	0.0	30DEC2004	2	8.6
1129	B8	Thursday	01JAN2004	0	0.0	30DEC2004	7	15.1
1130	B9	Thursday	01JAN2004	0	0.0	30DEC2004	7	18.4
1131	C3	Thursday	01JAN2004	0	0.0	30DEC2004	9	12.2
1132	C4	Thursday	01JAN2004	0	0.0	30DEC2004	8	8.0
1133	C9	Thursday	01JAN2004	0	0.0	30DEC2004	3	5.5
1134	D2	Thursday	01JAN2004	0	0.0	30DEC2004	13	17.9
1135	D3	Thursday	01JAN2004	0	0.0	30DEC2004	8	12.7
1136	D4	Thursday	01JAN2004	0	0.0	30DEC2004	2	10.0
1137	D6	Thursday	01JAN2004	0	0.0	30DEC2004	5	9.8
1138	D8	Thursday	01JAN2004	0	0.0	30DEC2004	1	1.7
1139	D9	Thursday	01JAN2004	0	0.0	30DEC2004	4	7.0
1140	A11	Friday	02JAN2004	10	36.9	.	.	.
1141	A12	Friday	02JAN2004	1	12.9	.	.	.
1142	A21	Friday	02JAN2004	4	45.5	.	.	.
1143	A3	Friday	02JAN2004	7	50.7	.	.	.
1144	B6	Friday	02JAN2004	2	3.9	.	.	.
1145	B8	Friday	02JAN2004	3	6.5	.	.	.
1146	C2	Friday	02JAN2004	2	5.8	.	.	.
1147	C3	Friday	02JAN2004	6	8.2	.	.	.
1148	C4	Friday	02JAN2004	10	10.0	.	.	.
1149	C5	Friday	02JAN2004	1	1.9	.	.	.
1150	D2	Friday	02JAN2004	7	9.7	.	.	.
1151	D3	Friday	02JAN2004	4	6.4	.	.	.
1152	D4	Friday	02JAN2004	5	25.0	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Day   25

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1153	D5	Friday	02JAN2004	9	8.4	.	.	.
1154	D6	Friday	02JAN2004	1	2.0	.	.	.
1155	A11	Saturday	03JAN2004	10	36.9	.	.	.
1156	A12	Saturday	03JAN2004	1	12.9	.	.	.
1157	A13	Saturday	03JAN2004	1	3.2	.	.	.
1158	A14	Saturday	03JAN2004	1	14.9	.	.	.
1159	A21	Saturday	03JAN2004	1	11.4	.	.	.
1160	A3	Saturday	03JAN2004	4	29.0	.	.	.
1161	B11	Saturday	03JAN2004	7	15.9	.	.	.
1162	B12	Saturday	03JAN2004	5	6.8	.	.	.
1163	B2	Saturday	03JAN2004	1	3.4	.	.	.
1164	B3	Saturday	03JAN2004	23	51.9	.	.	.
1165	B4	Saturday	03JAN2004	12	13.4	.	.	.
1166	B5	Saturday	03JAN2004	3	2.2	.	.	.
1167	B6	Saturday	03JAN2004	6	11.8	.	.	.
1168	B7	Saturday	03JAN2004	1	4.3	.	.	.
1169	B8	Saturday	03JAN2004	6	13.0	.	.	.
1170	B9	Saturday	03JAN2004	3	7.9	.	.	.
1171	C1	Saturday	03JAN2004	6	14.7	.	.	.
1172	C3	Saturday	03JAN2004	1	1.4	.	.	.
1173	C4	Saturday	03JAN2004	13	13.0	.	.	.
1174	C5	Saturday	03JAN2004	1	1.9	.	.	.
1175	C8	Saturday	03JAN2004	1	1.1	.	.	.
1176	D1	Saturday	03JAN2004	12	138.6	.	.	.
1177	D2	Saturday	03JAN2004	6	8.3	.	.	.
1178	D3	Saturday	03JAN2004	2	3.2	.	.	.
1179	D4	Saturday	03JAN2004	4	20.0	.	.	.
1180	D5	Saturday	03JAN2004	24	22.3	.	.	.
1181	D7	Saturday	03JAN2004	1	1.2	.	.	.
1182	D9	Saturday	03JAN2004	2	3.5	.	.	.
1183	A3	Monday	05JAN2004	1	7.2	.	.	.
1184	B3	Monday	05JAN2004	8	18.0	.	.	.
1185	B4	Monday	05JAN2004	3	3.3	.	.	.
1186	B5	Monday	05JAN2004	1	0.7	.	.	.
1187	C1	Monday	05JAN2004	1	2.4	.	.	.
1188	C8	Monday	05JAN2004	3	3.4	.	.	.
1189	D1	Monday	05JAN2004	1	11.6	.	.	.
1190	D2	Monday	05JAN2004	3	4.1	.	.	.
1191	D3	Monday	05JAN2004	1	1.6	.	.	.
1192	D4	Monday	05JAN2004	1	5.0	.	.	.
1193	D5	Monday	05JAN2004	3	2.8	.	.	.
1194	D7	Monday	05JAN2004	1	1.2	.	.	.
1195	A21	Tuesday	06JAN2004	2	22.8	.	.	.
1196	A3	Tuesday	06JAN2004	2	14.5	.	.	.
1197	B10	Tuesday	06JAN2004	1	1.3	.	.	.
1198	B11	Tuesday	06JAN2004	1	2.3	.	.	.
1199	B2	Tuesday	06JAN2004	1	3.4	.	.	.
1200	B3	Tuesday	06JAN2004	2	4.5	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Day   26

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
1201	B4	Tuesday	06JAN2004	8	8.9	.	.	.
1202	B9	Tuesday	06JAN2004	2	5.2	.	.	.
1203	C1	Tuesday	06JAN2004	1	2.4	.	.	.
1204	C3	Tuesday	06JAN2004	7	9.5	.	.	.
1205	D2	Tuesday	06JAN2004	5	6.9	.	.	.
1206	D3	Tuesday	06JAN2004	1	1.6	.	.	.
1207	D4	Tuesday	06JAN2004	2	10.0	.	.	.
1208	D6	Tuesday	06JAN2004	3	5.9	.	.	.
1209	A3	Wednesday	07JAN2004	1	7.2	.	.	.
1210	B10	Wednesday	07JAN2004	2	2.6	.	.	.
1211	B11	Wednesday	07JAN2004	1	2.3	.	.	.
1212	B12	Wednesday	07JAN2004	3	4.1	.	.	.
1213	B3	Wednesday	07JAN2004	3	6.8	.	.	.
1214	B4	Wednesday	07JAN2004	5	5.6	.	.	.
1215	B9	Wednesday	07JAN2004	3	7.9	.	.	.
1216	C3	Wednesday	07JAN2004	4	5.4	.	.	.
1217	C4	Wednesday	07JAN2004	1	1.0	.	.	.
1218	C9	Wednesday	07JAN2004	1	1.8	.	.	.
1219	D2	Wednesday	07JAN2004	1	1.4	.	.	.
1220	D3	Wednesday	07JAN2004	2	3.2	.	.	.
1221	D4	Wednesday	07JAN2004	1	5.0	.	.	.
1222	D6	Wednesday	07JAN2004	3	5.9	.	.	.
1223	A3	Thursday	08JAN2004	3	21.7	.	.	.
1224	B11	Thursday	08JAN2004	5	11.4	.	.	.
1225	B12	Thursday	08JAN2004	2	2.7	.	.	.
1226	B3	Thursday	08JAN2004	3	6.8	.	.	.
1227	B4	Thursday	08JAN2004	1	1.1	.	.	.
1228	B5	Thursday	08JAN2004	1	0.7	.	.	.
1229	B9	Thursday	08JAN2004	6	15.7	.	.	.
1230	C1	Thursday	08JAN2004	1	2.4	.	.	.
1231	D2	Thursday	08JAN2004	3	4.1	.	.	.
1232	D3	Thursday	08JAN2004	2	3.2	.	.	.
1233	D4	Thursday	08JAN2004	2	10.0	.	.	.
1234	D6	Thursday	08JAN2004	3	5.9	.	.	.
1235	A21	Friday	09JAN2004	1	11.4	.	.	.
1236	A3	Friday	09JAN2004	5	36.2	.	.	.
1237	B3	Friday	09JAN2004	5	11.3	.	.	.
1238	B4	Friday	09JAN2004	4	4.5	.	.	.
1239	B5	Friday	09JAN2004	1	0.7	.	.	.
1240	C2	Friday	09JAN2004	1	2.9	.	.	.
1241	D2	Friday	09JAN2004	6	8.3	.	.	.
1242	D3	Friday	09JAN2004	4	6.4	.	.	.
1243	D4	Friday	09JAN2004	2	10.0	.	.	.
1244	D6	Friday	09JAN2004	4	7.8	.	.	.
1245	D8	Friday	09JAN2004	5	8.7	.	.	.
1246	A11	Saturday	10JAN2004	9	33.2	.	.	.
1247	A12	Saturday	10JAN2004	4	51.7	.	.	.
1248	A21	Saturday	10JAN2004	1	11.4	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Day   27

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1249	A3	Saturday	10JAN2004	3	21.7	.	.	.
1250	C1	Saturday	10JAN2004	6	14.7	.	.	.
1251	C2	Saturday	10JAN2004	1	2.9	.	.	.
1252	C9	Saturday	10JAN2004	13	23.7	.	.	.
1253	D2	Saturday	10JAN2004	11	15.2	.	.	.
1254	D3	Saturday	10JAN2004	14	22.2	.	.	.
1255	D4	Saturday	10JAN2004	7	35.0	.	.	.
1256	D6	Saturday	10JAN2004	10	19.5	.	.	.
1257	D8	Saturday	10JAN2004	1	1.7	.	.	.

Appendix C

Summary of Hunter Trips by Training Area and Day of Season

Sorted by Training Area

A hunter trip was counted each time a hunter signed in at Range Control to hunt and density was simply the number of hunter-trips on a given day divided by the size of the training area (sq. miles). The results presented in this appendix are sorted by day and 2003 and 2004 are matched by the equivalent day of the week. Because Christmas 2004 was on a Saturday, the late season did not begin until 27 December 2004. Data for the 2004 hunting seasons for the first week of archery season (October 2004) and the last week of the late season (January 2005) were not available from Range Control.

Hunting Effort Data by Training Area and Day, Sorted by Training Area

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Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
1	A11	Monday	06OCT2003	29	107.1	.	.	.
2	A11	Tuesday	07OCT2003	27	99.7	.	.	.
3	A11	Wednesday	08OCT2003	25	92.3	.	.	.
4	A11	Thursday	09OCT2003	26	96.0	.	.	.
5	A11	Friday	10OCT2003	13	48.0	.	.	.
6	A11	Saturday	11OCT2003	27	99.7	.	.	.
7	A11	Monday	13OCT2003	22	81.2	.	.	.
8	A11	Tuesday	14OCT2003	10	36.9	12OCT2004	14	51.7
9	A11	Wednesday	15OCT2003	1	3.7	13OCT2004	0	0.0
10	A11	Thursday	16OCT2003	20	73.8	14OCT2004	1	3.7
11	A11	Friday	17OCT2003	18	66.4	15OCT2004	0	0.0
12	A11	Saturday	18OCT2003	0	0.0	16OCT2004	28	103.4
13	A11	Monday	20OCT2003	15	55.4	18OCT2004	21	77.5
14	A11	Tuesday	21OCT2003	14	51.7	19OCT2004	9	33.2
15	A11	Wednesday	22OCT2003	7	25.8	20OCT2004	12	44.3
16	A11	Thursday	23OCT2003	3	11.1	21OCT2004	6	22.1
17	A11	Friday	24OCT2003	9	33.2	22OCT2004	11	40.6
18	A11	Saturday	25OCT2003	24	88.6	23OCT2004	17	62.8
19	A11	Monday	27OCT2003	2	7.4	25OCT2004	6	22.1
20	A11	Tuesday	28OCT2003	13	48.0	26OCT2004	12	44.3
21	A11	Wednesday	29OCT2003	4	14.8	27OCT2004	12	44.3
22	A11	Thursday	30OCT2003	13	48.0	28OCT2004	6	22.1
23	A11	Friday	31OCT2003	16	59.1	29OCT2004	10	36.9
24	A11	Saturday	01NOV2003	34	125.5	30OCT2004	23	84.9
25	A11	Monday	03NOV2003	24	88.6	01NOV2004	21	77.5
26	A11	Tuesday	04NOV2003	12	44.3	02NOV2004	15	55.4
27	A11	Wednesday	05NOV2003	5	18.5	03NOV2004	13	48.0
28	A11	Thursday	06NOV2003	5	18.5	04NOV2004	7	25.8
29	A11	Friday	07NOV2003	17	62.8	05NOV2004	10	36.9
30	A11	Saturday	08NOV2003	43	158.7	06NOV2004	35	129.2
31	A11	Monday	10NOV2003	22	81.2	08NOV2004	20	73.8
32	A11	Tuesday	11NOV2003	12	44.3	09NOV2004	22	81.2
33	A11	Wednesday	12NOV2003	8	29.5	10NOV2004	18	66.4
34	A11	Thursday	13NOV2003	4	14.8	11NOV2004	25	92.3
35	A11	Friday	14NOV2003	7	25.8	12NOV2004	25	92.3
36	A11	Saturday	15NOV2003	40	147.7	13NOV2004	28	103.4
37	A11	Monday	01DEC2003	1	3.7	29NOV2004	8	29.5
38	A11	Tuesday	02DEC2003	4	14.8	30NOV2004	8	29.5
39	A11	Wednesday	03DEC2003	7	25.8	01DEC2004	2	7.4
40	A11	Thursday	04DEC2003	3	11.1	02DEC2004	8	29.5
41	A11	Friday	05DEC2003	6	22.1	03DEC2004	0	0.0
42	A11	Monday	08DEC2003	5	18.5	06DEC2004	0	0.0
43	A11	Tuesday	09DEC2003	3	11.1	07DEC2004	0	0.0
44	A11	Thursday	11DEC2003	1	3.7	09DEC2004	15	55.4
45	A11	Friday	12DEC2003	3	11.1	10DEC2004	4	14.8
46	A11	Saturday	13DEC2003	3	11.1	11DEC2004	8	29.5
47	A11	Friday	26DEC2003	18	66.4	.	.	.
48	A11	Saturday	27DEC2003	18	66.4	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area 2

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
49	A11	Monday	29DEC2003	13	48.0	27DEC2004	6	22.1
50	A11	Tuesday	30DEC2003	2	7.4	28DEC2004	5	18.5
51	A11	Wednesday	31DEC2003	0	0.0	29DEC2004	5	18.5
52	A11	Thursday	01JAN2004	0	0.0	30DEC2004	16	59.1
53	A11	Friday	02JAN2004	10	36.9	.	.	.
54	A11	Saturday	03JAN2004	10	36.9	.	.	.
55	A11	Saturday	10JAN2004	9	33.2	.	.	.
56	A12	Monday	06OCT2003	15	193.9	.	.	.
57	A12	Tuesday	07OCT2003	7	90.5	.	.	.
58	A12	Wednesday	08OCT2003	5	64.6	.	.	.
59	A12	Thursday	09OCT2003	5	64.6	.	.	.
60	A12	Monday	13OCT2003	4	51.7	.	.	.
61	A12	Tuesday	14OCT2003	2	25.8	12OCT2004	5	64.6
62	A12	Thursday	16OCT2003	1	12.9	14OCT2004	0	0.0
63	A12	Friday	17OCT2003	2	25.8	15OCT2004	0	0.0
64	A12	Saturday	18OCT2003	0	0.0	16OCT2004	7	90.5
65	A12	Monday	20OCT2003	9	116.3	18OCT2004	0	0.0
66	A12	Tuesday	21OCT2003	1	12.9	19OCT2004	0	0.0
67	A12	Wednesday	22OCT2003	3	38.8	20OCT2004	0	0.0
68	A12	Thursday	23OCT2003	6	77.5	21OCT2004	2	25.8
69	A12	Friday	24OCT2003	5	64.6	22OCT2004	2	25.8
70	A12	Saturday	25OCT2003	7	90.5	23OCT2004	8	103.4
71	A12	Monday	27OCT2003	2	25.8	25OCT2004	2	25.8
72	A12	Tuesday	28OCT2003	4	51.7	26OCT2004	1	12.9
73	A12	Wednesday	29OCT2003	2	25.8	27OCT2004	3	38.8
74	A12	Thursday	30OCT2003	3	38.8	28OCT2004	1	12.9
75	A12	Friday	31OCT2003	5	64.6	29OCT2004	1	12.9
76	A12	Saturday	01NOV2003	5	64.6	30OCT2004	3	38.8
77	A12	Monday	03NOV2003	2	25.8	01NOV2004	1	12.9
78	A12	Tuesday	04NOV2003	1	12.9	02NOV2004	2	25.8
79	A12	Wednesday	05NOV2003	1	12.9	03NOV2004	2	25.8
80	A12	Thursday	06NOV2003	4	51.7	04NOV2004	0	0.0
81	A12	Friday	07NOV2003	2	25.8	05NOV2004	0	0.0
82	A12	Saturday	08NOV2003	6	77.5	06NOV2004	2	25.8
83	A12	Monday	10NOV2003	2	25.8	08NOV2004	0	0.0
84	A12	Tuesday	11NOV2003	2	25.8	09NOV2004	1	12.9
85	A12	Wednesday	12NOV2003	1	12.9	10NOV2004	1	12.9
86	A12	Friday	14NOV2003	5	64.6	12NOV2004	0	0.0
87	A12	Saturday	15NOV2003	6	77.5	13NOV2004	0	0.0
88	A12	Monday	01DEC2003	2	25.8	29NOV2004	0	0.0
89	A12	Wednesday	03DEC2003	2	25.8	01DEC2004	1	12.9
90	A12	Friday	12DEC2003	4	51.7	10DEC2004	0	0.0
91	A12	Friday	26DEC2003	3	38.8	.	.	.
92	A12	Saturday	27DEC2003	6	77.5	.	.	.
93	A12	Monday	29DEC2003	4	51.7	27DEC2004	0	0.0
94	A12	Tuesday	30DEC2003	0	0.0	28DEC2004	1	12.9
95	A12	Wednesday	31DEC2003	0	0.0	29DEC2004	1	12.9
96	A12	Friday	02JAN2004	1	12.9	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area   3

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
97	A12	Saturday	03JAN2004	1	12.9	.	.	.
98	A12	Saturday	10JAN2004	4	51.7	.	.	.
99	A13	Monday	06OCT2003	7	22.5	.	.	.
100	A13	Tuesday	07OCT2003	1	3.2	.	.	.
101	A13	Wednesday	08OCT2003	2	6.4	.	.	.
102	A13	Thursday	09OCT2003	4	12.8	.	.	.
103	A13	Monday	13OCT2003	6	19.2	.	.	.
104	A13	Wednesday	15OCT2003	0	0.0	13OCT2004	1	3.2
105	A13	Thursday	16OCT2003	1	3.2	14OCT2004	0	0.0
106	A13	Friday	17OCT2003	1	3.2	15OCT2004	0	0.0
107	A13	Saturday	18OCT2003	0	0.0	16OCT2004	1	3.2
108	A13	Monday	20OCT2003	1	3.2	18OCT2004	1	3.2
109	A13	Tuesday	21OCT2003	1	3.2	19OCT2004	0	0.0
110	A13	Wednesday	22OCT2003	2	6.4	20OCT2004	1	3.2
111	A13	Thursday	23OCT2003	0	0.0	21OCT2004	1	3.2
112	A13	Friday	24OCT2003	2	6.4	22OCT2004	3	9.6
113	A13	Saturday	25OCT2003	7	22.5	23OCT2004	2	6.4
114	A13	Monday	27OCT2003	1	3.2	25OCT2004	1	3.2
115	A13	Wednesday	29OCT2003	1	3.2	27OCT2004	3	9.6
116	A13	Thursday	30OCT2003	0	0.0	28OCT2004	2	6.4
117	A13	Friday	31OCT2003	5	16.0	29OCT2004	0	0.0
118	A13	Saturday	01NOV2003	4	12.8	30OCT2004	2	6.4
119	A13	Monday	03NOV2003	2	6.4	01NOV2004	3	9.6
120	A13	Tuesday	04NOV2003	2	6.4	02NOV2004	5	16.0
121	A13	Wednesday	05NOV2003	0	0.0	03NOV2004	2	6.4
122	A13	Thursday	06NOV2003	0	0.0	04NOV2004	3	9.6
123	A13	Friday	07NOV2003	3	9.6	05NOV2004	1	3.2
124	A13	Saturday	08NOV2003	8	25.7	06NOV2004	3	9.6
125	A13	Monday	10NOV2003	3	9.6	08NOV2004	3	9.6
126	A13	Tuesday	11NOV2003	6	19.2	09NOV2004	5	16.0
127	A13	Wednesday	12NOV2003	4	12.8	10NOV2004	0	0.0
128	A13	Thursday	13NOV2003	2	6.4	11NOV2004	0	0.0
129	A13	Friday	14NOV2003	2	6.4	12NOV2004	0	0.0
130	A13	Saturday	15NOV2003	2	6.4	13NOV2004	0	0.0
131	A13	Monday	01DEC2003	2	6.4	29NOV2004	0	0.0
132	A13	Wednesday	03DEC2003	2	6.4	01DEC2004	0	0.0
133	A13	Thursday	04DEC2003	1	3.2	02DEC2004	0	0.0
134	A13	Friday	05DEC2003	2	6.4	03DEC2004	0	0.0
135	A13	Monday	08DEC2003	1	3.2	06DEC2004	0	0.0
136	A13	Tuesday	09DEC2003	1	3.2	07DEC2004	0	0.0
137	A13	Saturday	13DEC2003	2	6.4	11DEC2004	1	3.2
138	A13	Saturday	27DEC2003	1	3.2	.	.	.
139	A13	Monday	29DEC2003	0	0.0	27DEC2004	1	3.2
140	A13	Tuesday	30DEC2003	0	0.0	28DEC2004	1	3.2
141	A13	Wednesday	31DEC2003	0	0.0	29DEC2004	1	3.2
142	A13	Thursday	01JAN2004	0	0.0	30DEC2004	2	6.4
143	A13	Saturday	03JAN2004	1	3.2	.	.	.
144	A14	Tuesday	14OCT2003	0	0.0	12OCT2004	2	29.8

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
145	A14	Thursday	23OCT2003	0	0.0	21OCT2004	1	14.9
146	A14	Saturday	25OCT2003	0	0.0	23OCT2004	3	44.7
147	A14	Wednesday	29OCT2003	0	0.0	27OCT2004	1	14.9
148	A14	Monday	03NOV2003	7	104.4	01NOV2004	0	0.0
149	A14	Tuesday	04NOV2003	5	74.5	02NOV2004	0	0.0
150	A14	Wednesday	05NOV2003	5	74.5	03NOV2004	1	14.9
151	A14	Thursday	06NOV2003	3	44.7	04NOV2004	0	0.0
152	A14	Friday	07NOV2003	5	74.5	05NOV2004	1	14.9
153	A14	Saturday	08NOV2003	7	104.4	06NOV2004	0	0.0
154	A14	Monday	10NOV2003	0	0.0	08NOV2004	5	74.5
155	A14	Tuesday	11NOV2003	0	0.0	09NOV2004	1	14.9
156	A14	Friday	05DEC2003	0	0.0	03DEC2004	2	29.8
157	A14	Tuesday	09DEC2003	0	0.0	07DEC2004	1	14.9
158	A14	Wednesday	10DEC2003	0	0.0	08DEC2004	2	29.8
159	A14	Thursday	11DEC2003	2	29.8	09DEC2004	0	0.0
160	A14	Friday	12DEC2003	0	0.0	10DEC2004	2	29.8
161	A14	Tuesday	30DEC2003	1	14.9	28DEC2004	0	0.0
162	A14	Wednesday	31DEC2003	0	0.0	29DEC2004	4	59.6
163	A14	Thursday	01JAN2004	0	0.0	30DEC2004	1	14.9
164	A14	Saturday	03JAN2004	1	14.9	.	.	.
165	A15	Monday	03NOV2003	9	33.9	01NOV2004	0	0.0
166	A16	Tuesday	14OCT2003	0	0.0	12OCT2004	1	6.0
167	A16	Wednesday	22OCT2003	0	0.0	20OCT2004	1	9.6
168	A16	Monday	03NOV2003	9	54.4	01NOV2004	0	0.0
169	A16	Wednesday	05NOV2003	1	6.0	03NOV2004	2	19.2
170	A16	Friday	07NOV2003	4	24.2	05NOV2004	0	0.0
171	A16	Monday	10NOV2003	0	0.0	08NOV2004	1	9.6
172	A16	Tuesday	11NOV2003	0	0.0	09NOV2004	1	9.6
173	A16	Monday	01DEC2003	1	6.0	29NOV2004	0	0.0
174	A16	Monday	08DEC2003	0	0.0	06DEC2004	1	9.6
175	A16	Wednesday	10DEC2003	1	6.0	08DEC2004	0	0.0
176	A16	Monday	29DEC2003	0	0.0	27DEC2004	1	9.6
177	A16	Tuesday	30DEC2003	3	18.1	28DEC2004	0	0.0
178	A16	Wednesday	31DEC2003	0	0.0	29DEC2004	1	9.6
179	A17	Monday	20OCT2003	0	0.0	18OCT2004	1	4.8
180	A17	Monday	03NOV2003	6	28.8	01NOV2004	0	0.0
181	A17	Tuesday	04NOV2003	9	43.2	02NOV2004	5	24.0
182	A17	Wednesday	05NOV2003	6	28.8	03NOV2004	2	9.6
183	A17	Thursday	06NOV2003	1	4.8	04NOV2004	0	0.0
184	A17	Friday	07NOV2003	3	14.4	05NOV2004	1	4.8
185	A17	Saturday	08NOV2003	0	0.0	06NOV2004	7	33.6
186	A17	Monday	10NOV2003	0	0.0	08NOV2004	1	4.8
187	A17	Tuesday	11NOV2003	0	0.0	09NOV2004	1	4.8
188	A17	Monday	01DEC2003	1	4.8	29NOV2004	0	0.0
189	A17	Wednesday	03DEC2003	0	0.0	01DEC2004	1	4.8
190	A17	Friday	05DEC2003	0	0.0	03DEC2004	2	9.6
191	A17	Saturday	06DEC2003	0	0.0	04DEC2004	2	9.6
192	A17	Monday	08DEC2003	0	0.0	06DEC2004	1	4.8

Hunting Effort Data by Training Area and Day, Sorted by Training Area   5

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
193	A17	Tuesday	30DEC2003	0	0.0	28DEC2004	3	14.4
194	A17	Wednesday	31DEC2003	3	14.4	29DEC2004	0	0.0
195	A17	Thursday	01JAN2004	0	0.0	30DEC2004	2	9.6
196	A18	Monday	13OCT2003	2	33.4	.	.	.
197	A2	Monday	10NOV2003	0	0.0	08NOV2004	3	16.0
198	A21	Saturday	04OCT2003	8	91.0	.	.	.
199	A21	Monday	06OCT2003	2	22.8	.	.	.
200	A21	Tuesday	07OCT2003	3	34.1	.	.	.
201	A21	Wednesday	08OCT2003	2	22.8	.	.	.
202	A21	Friday	10OCT2003	1	11.4	.	.	.
203	A21	Saturday	11OCT2003	4	45.5	.	.	.
204	A21	Monday	13OCT2003	1	11.4	.	.	.
205	A21	Tuesday	14OCT2003	1	11.4	12OCT2004	0	0.0
206	A21	Wednesday	15OCT2003	0	0.0	13OCT2004	4	45.5
207	A21	Thursday	16OCT2003	2	22.8	14OCT2004	3	34.1
208	A21	Friday	17OCT2003	1	11.4	15OCT2004	0	0.0
209	A21	Saturday	18OCT2003	0	0.0	16OCT2004	1	11.4
210	A21	Monday	20OCT2003	5	56.9	18OCT2004	2	22.8
211	A21	Tuesday	21OCT2003	1	11.4	19OCT2004	1	11.4
212	A21	Wednesday	22OCT2003	0	0.0	20OCT2004	1	11.4
213	A21	Thursday	23OCT2003	1	11.4	21OCT2004	1	11.4
214	A21	Friday	24OCT2003	1	11.4	22OCT2004	3	34.1
215	A21	Saturday	25OCT2003	3	34.1	23OCT2004	3	34.1
216	A21	Tuesday	28OCT2003	2	22.8	26OCT2004	0	0.0
217	A21	Wednesday	29OCT2003	0	0.0	27OCT2004	1	11.4
218	A21	Thursday	30OCT2003	0	0.0	28OCT2004	1	11.4
219	A21	Saturday	01NOV2003	2	22.8	30OCT2004	1	11.4
220	A21	Monday	03NOV2003	3	34.1	01NOV2004	2	22.8
221	A21	Tuesday	04NOV2003	4	45.5	02NOV2004	5	56.9
222	A21	Wednesday	05NOV2003	0	0.0	03NOV2004	1	11.4
223	A21	Thursday	06NOV2003	2	22.8	04NOV2004	0	0.0
224	A21	Friday	07NOV2003	1	11.4	05NOV2004	0	0.0
225	A21	Saturday	08NOV2003	2	22.8	06NOV2004	4	45.5
226	A21	Monday	10NOV2003	3	34.1	08NOV2004	5	56.9
227	A21	Tuesday	11NOV2003	4	45.5	09NOV2004	1	11.4
228	A21	Wednesday	12NOV2003	1	11.4	10NOV2004	1	11.4
229	A21	Thursday	13NOV2003	1	11.4	11NOV2004	2	22.8
230	A21	Friday	14NOV2003	2	22.8	12NOV2004	2	22.8
231	A21	Saturday	15NOV2003	5	56.9	13NOV2004	3	34.1
232	A21	Wednesday	10DEC2003	0	0.0	08DEC2004	1	11.4
233	A21	Thursday	11DEC2003	0	0.0	09DEC2004	1	11.4
234	A21	Friday	12DEC2003	1	11.4	10DEC2004	0	0.0
235	A21	Saturday	13DEC2003	0	0.0	11DEC2004	2	22.8
236	A21	Monday	29DEC2003	2	22.8	27DEC2004	0	0.0
237	A21	Wednesday	31DEC2003	2	22.8	29DEC2004	0	0.0
238	A21	Friday	02JAN2004	4	45.5	.	.	.
239	A21	Saturday	03JAN2004	1	11.4	.	.	.
240	A21	Tuesday	06JAN2004	2	22.8	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area   6

| | Training | Day of | | No. Hunter- | Hunter- Trips/Sq. | | No. Hunter- | Hunter- Trips/Sq. |
Obs	Area	Week	Day	Trips 2003	Mile 2003	Day	Trips 2004	Mile 2004
241	A21	Friday	09JAN2004	1	11.4	.	.	.
242	A21	Saturday	10JAN2004	1	11.4	.	.	.
243	A3	Saturday	04OCT2003	27	195.6	.	.	.
244	A3	Monday	06OCT2003	6	43.5	.	.	.
245	A3	Tuesday	07OCT2003	8	57.9	.	.	.
246	A3	Wednesday	08OCT2003	8	57.9	.	.	.
247	A3	Thursday	09OCT2003	4	29.0	.	.	.
248	A3	Friday	10OCT2003	4	29.0	.	.	.
249	A3	Saturday	11OCT2003	20	144.9	.	.	.
250	A3	Monday	13OCT2003	17	123.1	.	.	.
251	A3	Tuesday	14OCT2003	3	21.7	12OCT2004	7	50.7
252	A3	Wednesday	15OCT2003	0	0.0	13OCT2004	11	79.7
253	A3	Thursday	16OCT2003	5	36.2	14OCT2004	4	29.0
254	A3	Friday	17OCT2003	11	79.7	15OCT2004	3	21.7
255	A3	Saturday	18OCT2003	38	275.3	16OCT2004	4	29.0
256	A3	Monday	20OCT2003	9	65.2	18OCT2004	4	29.0
257	A3	Tuesday	21OCT2003	12	86.9	19OCT2004	0	0.0
258	A3	Wednesday	22OCT2003	7	50.7	20OCT2004	1	7.2
259	A3	Thursday	23OCT2003	4	29.0	21OCT2004	2	14.5
260	A3	Friday	24OCT2003	5	36.2	22OCT2004	3	21.7
261	A3	Saturday	25OCT2003	7	50.7	23OCT2004	4	29.0
262	A3	Monday	27OCT2003	0	0.0	25OCT2004	7	50.7
263	A3	Tuesday	28OCT2003	6	43.5	26OCT2004	4	29.0
264	A3	Wednesday	29OCT2003	6	43.5	27OCT2004	2	14.5
265	A3	Thursday	30OCT2003	5	36.2	28OCT2004	8	57.9
266	A3	Friday	31OCT2003	5	36.2	29OCT2004	3	21.7
267	A3	Saturday	01NOV2003	15	108.7	30OCT2004	7	50.7
268	A3	Monday	03NOV2003	8	57.9	01NOV2004	5	36.2
269	A3	Tuesday	04NOV2003	4	29.0	02NOV2004	4	29.0
270	A3	Wednesday	05NOV2003	3	21.7	03NOV2004	6	43.5
271	A3	Thursday	06NOV2003	5	36.2	04NOV2004	2	14.5
272	A3	Friday	07NOV2003	11	79.7	05NOV2004	4	29.0
273	A3	Saturday	08NOV2003	11	79.7	06NOV2004	9	65.2
274	A3	Monday	10NOV2003	5	36.2	08NOV2004	4	29.0
275	A3	Tuesday	11NOV2003	4	29.0	09NOV2004	1	7.2
276	A3	Wednesday	12NOV2003	2	14.5	10NOV2004	2	14.5
277	A3	Thursday	13NOV2003	5	36.2	11NOV2004	8	57.9
278	A3	Friday	14NOV2003	8	57.9	12NOV2004	9	65.2
279	A3	Saturday	15NOV2003	14	101.4	13NOV2004	14	101.4
280	A3	Monday	01DEC2003	1	7.2	29NOV2004	1	7.2
281	A3	Wednesday	03DEC2003	1	7.2	01DEC2004	0	0.0
282	A3	Thursday	04DEC2003	0	0.0	02DEC2004	1	7.2
283	A3	Saturday	06DEC2003	0	0.0	04DEC2004	3	21.7
284	A3	Monday	08DEC2003	1	7.2	06DEC2004	1	7.2
285	A3	Tuesday	09DEC2003	1	7.2	07DEC2004	1	7.2
286	A3	Wednesday	10DEC2003	0	0.0	08DEC2004	4	29.0
287	A3	Thursday	11DEC2003	1	7.2	09DEC2004	5	36.2
288	A3	Friday	12DEC2003	3	21.7	10DEC2004	1	7.2

Hunting Effort Data by Training Area and Day, Sorted by Training Area   7

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
289	A3	Saturday	13DEC2003	4	29.0	11DEC2004	4	29.0
290	A3	Friday	26DEC2003	6	43.5	.	.	.
291	A3	Saturday	27DEC2003	9	65.2	.	.	.
292	A3	Monday	29DEC2003	6	43.5	27DEC2004	2	14.5
293	A3	Tuesday	30DEC2003	0	0.0	28DEC2004	2	14.5
294	A3	Wednesday	31DEC2003	2	14.5	29DEC2004	1	7.2
295	A3	Thursday	01JAN2004	0	0.0	30DEC2004	4	29.0
296	A3	Friday	02JAN2004	7	50.7	.	.	.
297	A3	Saturday	03JAN2004	4	29.0	.	.	.
298	A3	Monday	05JAN2004	1	7.2	.	.	.
299	A3	Tuesday	06JAN2004	2	14.5	.	.	.
300	A3	Wednesday	07JAN2004	1	7.2	.	.	.
301	A3	Thursday	08JAN2004	3	21.7	.	.	.
302	A3	Friday	09JAN2004	5	36.2	.	.	.
303	A3	Saturday	10JAN2004	3	21.7	.	.	.
304	B1	Friday	10OCT2003	1	10.0	.	.	.
305	B1	Monday	13OCT2003	3	30.1	.	.	.
306	B1	Wednesday	15OCT2003	1	10.0	13OCT2004	1	10.0
307	B1	Thursday	16OCT2003	5	50.1	14OCT2004	2	20.1
308	B1	Monday	20OCT2003	2	20.1	18OCT2004	2	20.1
309	B1	Tuesday	21OCT2003	1	10.0	19OCT2004	0	0.0
310	B1	Wednesday	22OCT2003	0	0.0	20OCT2004	1	10.0
311	B1	Thursday	23OCT2003	3	30.1	21OCT2004	3	30.1
312	B1	Friday	24OCT2003	2	20.1	22OCT2004	3	30.1
313	B1	Saturday	25OCT2003	4	40.1	23OCT2004	2	20.1
314	B1	Monday	27OCT2003	1	10.0	25OCT2004	2	20.1
315	B1	Tuesday	28OCT2003	1	10.0	26OCT2004	1	10.0
316	B1	Friday	31OCT2003	0	0.0	29OCT2004	2	20.1
317	B1	Saturday	01NOV2003	0	0.0	30OCT2004	2	20.1
318	B1	Monday	03NOV2003	2	20.1	01NOV2004	0	0.0
319	B1	Wednesday	05NOV2003	2	20.1	03NOV2004	1	10.0
320	B1	Thursday	06NOV2003	2	20.1	04NOV2004	0	0.0
321	B1	Friday	07NOV2003	0	0.0	05NOV2004	1	10.0
322	B1	Saturday	08NOV2003	2	20.1	06NOV2004	1	10.0
323	B1	Tuesday	11NOV2003	0	0.0	09NOV2004	1	10.0
324	B1	Wednesday	12NOV2003	0	0.0	10NOV2004	1	10.0
325	B1	Thursday	13NOV2003	1	10.0	11NOV2004	0	0.0
326	B1	Friday	14NOV2003	3	30.1	12NOV2004	0	0.0
327	B1	Saturday	15NOV2003	0	0.0	13NOV2004	5	50.1
328	B1	Friday	12DEC2003	1	10.0	10DEC2004	1	10.0
329	B1	Saturday	27DEC2003	1	10.0	.	.	.
330	B10	Monday	06OCT2003	3	3.8	.	.	.
331	B10	Tuesday	07OCT2003	5	6.4	.	.	.
332	B10	Thursday	09OCT2003	3	3.8	.	.	.
333	B10	Monday	13OCT2003	6	7.7	.	.	.
334	B10	Tuesday	14OCT2003	0	0.0	12OCT2004	8	10.2
335	B10	Wednesday	15OCT2003	0	0.0	13OCT2004	1	1.3
336	B10	Saturday	18OCT2003	47	60.0	16OCT2004	0	0.0

Hunting Effort Data by Training Area and Day, Sorted by Training Area   8

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
337	B10	Monday	20OCT2003	2	2.6	18OCT2004	4	5.1
338	B10	Tuesday	21OCT2003	11	14.0	19OCT2004	1	1.3
339	B10	Wednesday	22OCT2003	6	7.7	20OCT2004	1	1.3
340	B10	Thursday	23OCT2003	5	6.4	21OCT2004	5	6.4
341	B10	Friday	24OCT2003	1	1.3	22OCT2004	0	0.0
342	B10	Thursday	30OCT2003	1	1.3	28OCT2004	0	0.0
343	B10	Saturday	01NOV2003	0	0.0	30OCT2004	2	2.6
344	B10	Friday	14NOV2003	0	0.0	12NOV2004	3	3.8
345	B10	Monday	01DEC2003	17	21.7	29NOV2004	13	16.6
346	B10	Tuesday	02DEC2003	0	0.0	30NOV2004	4	5.1
347	B10	Thursday	04DEC2003	0	0.0	02DEC2004	3	3.8
348	B10	Friday	05DEC2003	0	0.0	03DEC2004	4	5.1
349	B10	Monday	29DEC2003	0	0.0	27DEC2004	7	8.9
350	B10	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.3
351	B10	Wednesday	31DEC2003	3	3.8	29DEC2004	0	0.0
352	B10	Thursday	01JAN2004	0	0.0	30DEC2004	2	2.6
353	B10	Tuesday	06JAN2004	1	1.3	.	.	.
354	B10	Wednesday	07JAN2004	2	2.6	.	.	.
355	B11	Monday	06OCT2003	3	6.8	.	.	.
356	B11	Tuesday	07OCT2003	5	11.4	.	.	.
357	B11	Wednesday	08OCT2003	1	2.3	.	.	.
358	B11	Monday	13OCT2003	6	13.7	.	.	.
359	B11	Tuesday	14OCT2003	1	2.3	12OCT2004	4	9.1
360	B11	Wednesday	15OCT2003	0	0.0	13OCT2004	3	6.8
361	B11	Friday	17OCT2003	0	0.0	15OCT2004	3	6.8
362	B11	Saturday	18OCT2003	44	100.1	16OCT2004	0	0.0
363	B11	Tuesday	21OCT2003	15	34.1	19OCT2004	0	0.0
364	B11	Wednesday	22OCT2003	12	27.3	20OCT2004	0	0.0
365	B11	Thursday	23OCT2003	0	0.0	21OCT2004	5	11.4
366	B11	Saturday	01NOV2003	0	0.0	30OCT2004	6	13.7
367	B11	Monday	01DEC2003	0	0.0	29NOV2004	9	20.5
368	B11	Tuesday	02DEC2003	0	0.0	30NOV2004	8	18.2
369	B11	Wednesday	03DEC2003	0	0.0	01DEC2004	1	2.3
370	B11	Thursday	04DEC2003	0	0.0	02DEC2004	4	9.1
371	B11	Friday	05DEC2003	0	0.0	03DEC2004	7	15.9
372	B11	Saturday	06DEC2003	0	0.0	04DEC2004	34	77.4
373	B11	Saturday	13DEC2003	0	0.0	11DEC2004	4	9.1
374	B11	Friday	26DEC2003	17	38.7	.	.	.
375	B11	Saturday	27DEC2003	8	18.2	.	.	.
376	B11	Monday	29DEC2003	12	27.3	27DEC2004	3	6.8
377	B11	Wednesday	31DEC2003	0	0.0	29DEC2004	2	4.6
378	B11	Thursday	01JAN2004	0	0.0	30DEC2004	1	2.3
379	B11	Saturday	03JAN2004	7	15.9	.	.	.
380	B11	Tuesday	06JAN2004	1	2.3	.	.	.
381	B11	Wednesday	07JAN2004	1	2.3	.	.	.
382	B11	Thursday	08JAN2004	5	11.4	.	.	.
383	B12	Saturday	04OCT2003	16	21.7	.	.	.
384	B12	Monday	06OCT2003	9	12.2	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area   9

| | Training | Day of | | No. Hunter- | Hunter- Trips/Sq. | | No. Hunter- | Hunter- Trips/Sq. |
Obs	Area	Week	Day	Trips 2003	Mile 2003	Day	Trips 2004	Mile 2004
385	B12	Tuesday	07OCT2003	4	5.4	.	.	.
386	B12	Wednesday	08OCT2003	9	12.2	.	.	.
387	B12	Thursday	09OCT2003	10	13.6	.	.	.
388	B12	Monday	13OCT2003	4	5.4	.	.	.
389	B12	Tuesday	14OCT2003	0	0.0	12OCT2004	9	12.2
390	B12	Wednesday	15OCT2003	0	0.0	13OCT2004	8	10.8
391	B12	Thursday	16OCT2003	0	0.0	14OCT2004	4	5.4
392	B12	Friday	17OCT2003	0	0.0	15OCT2004	5	6.8
393	B12	Saturday	18OCT2003	24	32.5	16OCT2004	0	0.0
394	B12	Monday	20OCT2003	0	0.0	18OCT2004	1	1.4
395	B12	Tuesday	21OCT2003	2	2.7	19OCT2004	0	0.0
396	B12	Wednesday	22OCT2003	11	14.9	20OCT2004	0	0.0
397	B12	Thursday	30OCT2003	4	5.4	28OCT2004	0	0.0
398	B12	Saturday	01NOV2003	0	0.0	30OCT2004	12	16.3
399	B12	Monday	01DEC2003	0	0.0	29NOV2004	20	27.1
400	B12	Tuesday	02DEC2003	0	0.0	30NOV2004	9	12.2
401	B12	Wednesday	03DEC2003	0	0.0	01DEC2004	1	1.4
402	B12	Thursday	04DEC2003	0	0.0	02DEC2004	6	8.1
403	B12	Friday	05DEC2003	0	0.0	03DEC2004	2	2.7
404	B12	Saturday	06DEC2003	0	0.0	04DEC2004	32	43.4
405	B12	Saturday	13DEC2003	0	0.0	11DEC2004	27	36.6
406	B12	Friday	26DEC2003	21	28.5	.	.	.
407	B12	Saturday	27DEC2003	2	2.7	.	.	.
408	B12	Monday	29DEC2003	1	1.4	27DEC2004	0	0.0
409	B12	Tuesday	30DEC2003	6	8.1	28DEC2004	0	0.0
410	B12	Wednesday	31DEC2003	0	0.0	29DEC2004	2	2.7
411	B12	Thursday	01JAN2004	0	0.0	30DEC2004	5	6.8
412	B12	Saturday	03JAN2004	5	6.8	.	.	.
413	B12	Wednesday	07JAN2004	3	4.1	.	.	.
414	B12	Thursday	08JAN2004	2	2.7	.	.	.
415	B2	Friday	10OCT2003	7	24.0	.	.	.
416	B2	Monday	13OCT2003	6	20.5	.	.	.
417	B2	Wednesday	15OCT2003	2	6.8	13OCT2004	0	0.0
418	B2	Thursday	16OCT2003	5	17.1	14OCT2004	6	20.5
419	B2	Friday	17OCT2003	0	0.0	15OCT2004	4	13.7
420	B2	Monday	20OCT2003	0	0.0	18OCT2004	5	17.1
421	B2	Tuesday	21OCT2003	0	0.0	19OCT2004	2	6.8
422	B2	Thursday	23OCT2003	3	10.3	21OCT2004	3	10.3
423	B2	Monday	27OCT2003	0	0.0	25OCT2004	6	20.5
424	B2	Wednesday	29OCT2003	0	0.0	27OCT2004	3	10.3
425	B2	Thursday	30OCT2003	0	0.0	28OCT2004	2	6.8
426	B2	Friday	31OCT2003	0	0.0	29OCT2004	1	3.4
427	B2	Monday	10NOV2003	0	0.0	08NOV2004	1	3.4
428	B2	Tuesday	11NOV2003	0	0.0	09NOV2004	6	20.5
429	B2	Wednesday	12NOV2003	0	0.0	10NOV2004	3	10.3
430	B2	Monday	01DEC2003	1	3.4	29NOV2004	2	6.8
431	B2	Tuesday	02DEC2003	1	3.4	30NOV2004	0	0.0
432	B2	Wednesday	03DEC2003	3	10.3	01DEC2004	0	0.0

Hunting Effort Data by Training Area and Day, Sorted by Training Area   10

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
433	B2	Thursday	04DEC2003	3	10.3	02DEC2004	0	0.0
434	B2	Friday	05DEC2003	0	0.0	03DEC2004	3	10.3
435	B2	Saturday	06DEC2003	0	0.0	04DEC2004	2	6.8
436	B2	Saturday	13DEC2003	2	6.8	11DEC2004	0	0.0
437	B2	Wednesday	31DEC2003	0	0.0	29DEC2004	1	3.4
438	B2	Thursday	01JAN2004	0	0.0	30DEC2004	3	10.3
439	B2	Saturday	03JAN2004	1	3.4	.	.	.
440	B2	Tuesday	06JAN2004	1	3.4	.	.	.
441	B3	Friday	10OCT2003	18	40.6	.	.	.
442	B3	Monday	13OCT2003	24	54.1	.	.	.
443	B3	Tuesday	14OCT2003	8	18.0	12OCT2004	0	0.0
444	B3	Wednesday	15OCT2003	6	13.5	13OCT2004	0	0.0
445	B3	Thursday	16OCT2003	10	22.5	14OCT2004	10	22.5
446	B3	Friday	17OCT2003	0	0.0	15OCT2004	6	13.5
447	B3	Monday	20OCT2003	0	0.0	18OCT2004	15	33.8
448	B3	Tuesday	21OCT2003	0	0.0	19OCT2004	5	11.3
449	B3	Thursday	23OCT2003	16	36.1	21OCT2004	6	13.5
450	B3	Monday	27OCT2003	0	0.0	25OCT2004	13	29.3
451	B3	Wednesday	29OCT2003	0	0.0	27OCT2004	15	33.8
452	B3	Thursday	30OCT2003	0	0.0	28OCT2004	9	20.3
453	B3	Friday	31OCT2003	0	0.0	29OCT2004	17	38.3
454	B3	Tuesday	11NOV2003	0	0.0	09NOV2004	15	33.8
455	B3	Wednesday	12NOV2003	0	0.0	10NOV2004	13	29.3
456	B3	Friday	14NOV2003	0	0.0	12NOV2004	1	2.3
457	B3	Monday	01DEC2003	8	18.0	29NOV2004	4	9.0
458	B3	Tuesday	02DEC2003	2	4.5	30NOV2004	2	4.5
459	B3	Wednesday	03DEC2003	2	4.5	01DEC2004	0	0.0
460	B3	Thursday	04DEC2003	6	13.5	02DEC2004	0	0.0
461	B3	Friday	05DEC2003	0	0.0	03DEC2004	3	6.8
462	B3	Saturday	06DEC2003	0	0.0	04DEC2004	2	4.5
463	B3	Thursday	11DEC2003	0	0.0	09DEC2004	1	2.3
464	B3	Saturday	13DEC2003	4	9.0	11DEC2004	0	0.0
465	B3	Monday	29DEC2003	0	0.0	27DEC2004	1	2.3
466	B3	Tuesday	30DEC2003	0	0.0	28DEC2004	2	4.5
467	B3	Wednesday	31DEC2003	0	0.0	29DEC2004	1	2.3
468	B3	Thursday	01JAN2004	0	0.0	30DEC2004	5	11.3
469	B3	Saturday	03JAN2004	23	51.9	.	.	.
470	B3	Monday	05JAN2004	8	18.0	.	.	.
471	B3	Tuesday	06JAN2004	2	4.5	.	.	.
472	B3	Wednesday	07JAN2004	3	6.8	.	.	.
473	B3	Thursday	08JAN2004	3	6.8	.	.	.
474	B3	Friday	09JAN2004	5	11.3	.	.	.
475	B4	Friday	10OCT2003	28	31.2	.	.	.
476	B4	Monday	13OCT2003	23	25.6	.	.	.
477	B4	Tuesday	14OCT2003	11	12.3	12OCT2004	0	0.0
478	B4	Wednesday	15OCT2003	4	4.5	13OCT2004	0	0.0
479	B4	Thursday	16OCT2003	12	13.4	14OCT2004	14	15.6
480	B4	Friday	17OCT2003	0	0.0	15OCT2004	8	8.9

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
481	B4	Monday	20OCT2003	0	0.0	18OCT2004	16	17.8
482	B4	Tuesday	21OCT2003	0	0.0	19OCT2004	6	6.7
483	B4	Thursday	23OCT2003	15	16.7	21OCT2004	11	12.3
484	B4	Monday	27OCT2003	0	0.0	25OCT2004	17	18.9
485	B4	Wednesday	29OCT2003	0	0.0	27OCT2004	12	13.4
486	B4	Thursday	30OCT2003	0	0.0	28OCT2004	11	12.3
487	B4	Friday	31OCT2003	0	0.0	29OCT2004	15	16.7
488	B4	Tuesday	11NOV2003	0	0.0	09NOV2004	23	25.6
489	B4	Wednesday	12NOV2003	0	0.0	10NOV2004	16	17.8
490	B4	Monday	01DEC2003	6	6.7	29NOV2004	7	7.8
491	B4	Tuesday	02DEC2003	1	1.1	30NOV2004	5	5.6
492	B4	Wednesday	03DEC2003	2	2.2	01DEC2004	0	0.0
493	B4	Thursday	04DEC2003	2	2.2	02DEC2004	0	0.0
494	B4	Friday	05DEC2003	0	0.0	03DEC2004	2	2.2
495	B4	Saturday	06DEC2003	0	0.0	04DEC2004	7	7.8
496	B4	Saturday	13DEC2003	5	5.6	11DEC2004	0	0.0
497	B4	Monday	29DEC2003	0	0.0	27DEC2004	4	4.5
498	B4	Tuesday	30DEC2003	0	0.0	28DEC2004	4	4.5
499	B4	Wednesday	31DEC2003	0	0.0	29DEC2004	5	5.6
500	B4	Thursday	01JAN2004	0	0.0	30DEC2004	7	7.8
501	B4	Saturday	03JAN2004	12	13.4	.	.	.
502	B4	Monday	05JAN2004	3	3.3	.	.	.
503	B4	Tuesday	06JAN2004	8	8.9	.	.	.
504	B4	Wednesday	07JAN2004	5	5.6	.	.	.
505	B4	Thursday	08JAN2004	1	1.1	.	.	.
506	B4	Friday	09JAN2004	4	4.5	.	.	.
507	B5	Friday	10OCT2003	5	3.7	.	.	.
508	B5	Monday	13OCT2003	13	9.6	.	.	.
509	B5	Tuesday	14OCT2003	5	3.7	12OCT2004	0	0.0
510	B5	Wednesday	15OCT2003	2	1.5	13OCT2004	0	0.0
511	B5	Thursday	16OCT2003	4	2.9	14OCT2004	6	4.4
512	B5	Friday	17OCT2003	0	0.0	15OCT2004	10	7.4
513	B5	Monday	20OCT2003	0	0.0	18OCT2004	8	5.9
514	B5	Tuesday	21OCT2003	0	0.0	19OCT2004	2	1.5
515	B5	Thursday	23OCT2003	9	6.6	21OCT2004	4	2.9
516	B5	Friday	24OCT2003	1	0.7	22OCT2004	0	0.0
517	B5	Saturday	25OCT2003	3	2.2	23OCT2004	0	0.0
518	B5	Monday	27OCT2003	0	0.0	25OCT2004	10	7.4
519	B5	Wednesday	29OCT2003	0	0.0	27OCT2004	12	8.8
520	B5	Thursday	30OCT2003	0	0.0	28OCT2004	6	4.4
521	B5	Friday	31OCT2003	0	0.0	29OCT2004	10	7.4
522	B5	Tuesday	11NOV2003	0	0.0	09NOV2004	14	10.3
523	B5	Wednesday	12NOV2003	0	0.0	10NOV2004	12	8.8
524	B5	Monday	01DEC2003	2	1.5	29NOV2004	4	2.9
525	B5	Wednesday	03DEC2003	1	0.7	01DEC2004	0	0.0
526	B5	Thursday	04DEC2003	2	1.5	02DEC2004	0	0.0
527	B5	Friday	05DEC2003	0	0.0	03DEC2004	4	2.9
528	B5	Saturday	06DEC2003	0	0.0	04DEC2004	3	2.2

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
529	B5	Thursday	11DEC2003	0	0.0	09DEC2004	1	0.7
530	B5	Saturday	13DEC2003	3	2.2	11DEC2004	0	0.0
531	B5	Monday	29DEC2003	0	0.0	27DEC2004	2	1.5
532	B5	Wednesday	31DEC2003	0	0.0	29DEC2004	2	1.5
533	B5	Thursday	01JAN2004	0	0.0	30DEC2004	1	0.7
534	B5	Saturday	03JAN2004	3	2.2	.	.	.
535	B5	Monday	05JAN2004	1	0.7	.	.	.
536	B5	Thursday	08JAN2004	1	0.7	.	.	.
537	B5	Friday	09JAN2004	1	0.7	.	.	.
538	B6	Saturday	04OCT2003	14	27.5	.	.	.
539	B6	Monday	06OCT2003	5	9.8	.	.	.
540	B6	Tuesday	07OCT2003	4	7.9	.	.	.
541	B6	Wednesday	08OCT2003	1	2.0	.	.	.
542	B6	Thursday	09OCT2003	4	7.9	.	.	.
543	B6	Friday	10OCT2003	2	3.9	.	.	.
544	B6	Saturday	11OCT2003	21	41.3	.	.	.
545	B6	Monday	13OCT2003	4	7.9	.	.	.
546	B6	Tuesday	14OCT2003	2	3.9	12OCT2004	3	5.9
547	B6	Wednesday	15OCT2003	0	0.0	13OCT2004	8	15.7
548	B6	Thursday	16OCT2003	4	7.9	14OCT2004	1	2.0
549	B6	Friday	17OCT2003	8	15.7	15OCT2004	0	0.0
550	B6	Saturday	18OCT2003	38	74.8	16OCT2004	0	0.0
551	B6	Monday	20OCT2003	13	25.6	18OCT2004	9	17.7
552	B6	Tuesday	21OCT2003	7	13.8	19OCT2004	5	9.8
553	B6	Wednesday	22OCT2003	4	7.9	20OCT2004	8	15.7
554	B6	Thursday	23OCT2003	12	23.6	21OCT2004	7	13.8
555	B6	Friday	24OCT2003	16	31.5	22OCT2004	15	29.5
556	B6	Saturday	25OCT2003	41	80.7	23OCT2004	20	39.3
557	B6	Tuesday	28OCT2003	2	3.9	26OCT2004	3	5.9
558	B6	Wednesday	29OCT2003	2	3.9	27OCT2004	2	3.9
559	B6	Thursday	30OCT2003	1	2.0	28OCT2004	1	2.0
560	B6	Friday	31OCT2003	0	0.0	29OCT2004	2	3.9
561	B6	Saturday	01NOV2003	0	0.0	30OCT2004	2	3.9
562	B6	Monday	03NOV2003	0	0.0	01NOV2004	7	13.8
563	B6	Tuesday	04NOV2003	0	0.0	02NOV2004	4	7.9
564	B6	Wednesday	05NOV2003	0	0.0	03NOV2004	3	5.9
565	B6	Thursday	06NOV2003	0	0.0	04NOV2004	3	5.9
566	B6	Friday	07NOV2003	0	0.0	05NOV2004	3	5.9
567	B6	Saturday	08NOV2003	0	0.0	06NOV2004	15	29.5
568	B6	Monday	10NOV2003	5	9.8	08NOV2004	9	17.7
569	B6	Tuesday	11NOV2003	4	7.9	09NOV2004	0	0.0
570	B6	Wednesday	12NOV2003	1	2.0	10NOV2004	2	3.9
571	B6	Thursday	13NOV2003	4	7.9	11NOV2004	6	11.8
572	B6	Friday	14NOV2003	6	11.8	12NOV2004	5	9.8
573	B6	Saturday	15NOV2003	16	31.5	13NOV2004	3	5.9
574	B6	Monday	01DEC2003	22	43.3	29NOV2004	15	29.5
575	B6	Tuesday	02DEC2003	13	25.6	30NOV2004	10	19.7
576	B6	Wednesday	03DEC2003	14	27.5	01DEC2004	2	3.9

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
577	B6	Thursday	04DEC2003	7	13.8	02DEC2004	4	7.9
578	B6	Friday	05DEC2003	14	27.5	03DEC2004	10	19.7
579	B6	Saturday	06DEC2003	0	0.0	04DEC2004	27	53.1
580	B6	Monday	08DEC2003	5	9.8	06DEC2004	4	7.9
581	B6	Tuesday	09DEC2003	4	7.9	07DEC2004	9	17.7
582	B6	Wednesday	10DEC2003	9	17.7	08DEC2004	11	21.6
583	B6	Thursday	11DEC2003	1	2.0	09DEC2004	11	21.6
584	B6	Friday	12DEC2003	28	55.1	10DEC2004	7	13.8
585	B6	Saturday	13DEC2003	11	21.6	11DEC2004	7	13.8
586	B6	Friday	26DEC2003	6	11.8	.	.	.
587	B6	Saturday	27DEC2003	2	3.9	.	.	.
588	B6	Monday	29DEC2003	2	3.9	27DEC2004	1	2.0
589	B6	Tuesday	30DEC2003	1	2.0	28DEC2004	2	3.9
590	B6	Wednesday	31DEC2003	2	3.9	29DEC2004	7	13.8
591	B6	Thursday	01JAN2004	0	0.0	30DEC2004	3	5.9
592	B6	Friday	02JAN2004	2	3.9	.	.	.
593	B6	Saturday	03JAN2004	6	11.8	.	.	.
594	B7	Saturday	04OCT2003	10	42.8	.	.	.
595	B7	Monday	06OCT2003	4	17.1	.	.	.
596	B7	Tuesday	07OCT2003	2	8.6	.	.	.
597	B7	Wednesday	08OCT2003	1	4.3	.	.	.
598	B7	Monday	13OCT2003	5	21.4	.	.	.
599	B7	Tuesday	14OCT2003	1	4.3	12OCT2004	0	0.0
600	B7	Wednesday	15OCT2003	2	8.6	13OCT2004	0	0.0
601	B7	Thursday	16OCT2003	4	17.1	14OCT2004	2	8.6
602	B7	Friday	17OCT2003	9	38.5	15OCT2004	3	12.8
603	B7	Saturday	18OCT2003	12	51.3	16OCT2004	12	51.3
604	B7	Monday	20OCT2003	10	42.8	18OCT2004	6	25.7
605	B7	Tuesday	21OCT2003	4	17.1	19OCT2004	3	12.8
606	B7	Wednesday	22OCT2003	1	4.3	20OCT2004	6	25.7
607	B7	Thursday	23OCT2003	3	12.8	21OCT2004	1	4.3
608	B7	Friday	24OCT2003	5	21.4	22OCT2004	6	25.7
609	B7	Saturday	25OCT2003	3	12.8	23OCT2004	18	77.0
610	B7	Monday	27OCT2003	0	0.0	25OCT2004	1	4.3
611	B7	Tuesday	28OCT2003	1	4.3	26OCT2004	2	8.6
612	B7	Wednesday	29OCT2003	1	4.3	27OCT2004	0	0.0
613	B7	Thursday	30OCT2003	0	0.0	28OCT2004	1	4.3
614	B7	Friday	31OCT2003	0	0.0	29OCT2004	1	4.3
615	B7	Monday	03NOV2003	0	0.0	01NOV2004	2	8.6
616	B7	Wednesday	05NOV2003	0	0.0	03NOV2004	2	8.6
617	B7	Thursday	06NOV2003	0	0.0	04NOV2004	1	4.3
618	B7	Friday	07NOV2003	0	0.0	05NOV2004	1	4.3
619	B7	Monday	10NOV2003	7	29.9	08NOV2004	9	38.5
620	B7	Tuesday	11NOV2003	1	4.3	09NOV2004	3	12.8
621	B7	Wednesday	12NOV2003	2	8.6	10NOV2004	3	12.8
622	B7	Thursday	13NOV2003	1	4.3	11NOV2004	3	12.8
623	B7	Friday	14NOV2003	0	0.0	12NOV2004	4	17.1
624	B7	Saturday	15NOV2003	0	0.0	13NOV2004	3	12.8

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
625	B7	Monday	01DEC2003	6	25.7	29NOV2004	14	59.9
626	B7	Tuesday	02DEC2003	8	34.2	30NOV2004	15	64.1
627	B7	Wednesday	03DEC2003	5	21.4	01DEC2004	6	25.7
628	B7	Thursday	04DEC2003	2	8.6	02DEC2004	4	17.1
629	B7	Friday	05DEC2003	4	17.1	03DEC2004	7	29.9
630	B7	Monday	08DEC2003	0	0.0	06DEC2004	7	29.9
631	B7	Tuesday	09DEC2003	1	4.3	07DEC2004	14	59.9
632	B7	Wednesday	10DEC2003	2	8.6	08DEC2004	1	4.3
633	B7	Friday	12DEC2003	7	29.9	10DEC2004	0	0.0
634	B7	Saturday	13DEC2003	1	4.3	11DEC2004	4	17.1
635	B7	Monday	29DEC2003	2	8.6	27DEC2004	2	8.6
636	B7	Tuesday	30DEC2003	0	0.0	28DEC2004	7	29.9
637	B7	Wednesday	31DEC2003	0	0.0	29DEC2004	1	4.3
638	B7	Thursday	01JAN2004	0	0.0	30DEC2004	2	8.6
639	B7	Saturday	03JAN2004	1	4.3	.	.	.
640	B8	Saturday	04OCT2003	23	49.7	.	.	.
641	B8	Monday	06OCT2003	4	8.6	.	.	.
642	B8	Tuesday	07OCT2003	3	6.5	.	.	.
643	B8	Wednesday	08OCT2003	3	6.5	.	.	.
644	B8	Friday	10OCT2003	2	4.3	.	.	.
645	B8	Saturday	11OCT2003	3	6.5	.	.	.
646	B8	Monday	13OCT2003	3	6.5	.	.	.
647	B8	Tuesday	14OCT2003	4	8.6	12OCT2004	8	17.3
648	B8	Wednesday	15OCT2003	0	0.0	13OCT2004	6	13.0
649	B8	Thursday	16OCT2003	9	19.5	14OCT2004	1	2.2
650	B8	Friday	17OCT2003	3	6.5	15OCT2004	4	8.6
651	B8	Saturday	18OCT2003	27	58.4	16OCT2004	0	0.0
652	B8	Monday	20OCT2003	0	0.0	18OCT2004	9	19.5
653	B8	Tuesday	21OCT2003	0	0.0	19OCT2004	3	6.5
654	B8	Wednesday	22OCT2003	0	0.0	20OCT2004	5	10.8
655	B8	Thursday	23OCT2003	0	0.0	21OCT2004	8	17.3
656	B8	Friday	24OCT2003	1	2.2	22OCT2004	19	41.1
657	B8	Saturday	25OCT2003	0	0.0	23OCT2004	20	43.2
658	B8	Monday	27OCT2003	0	0.0	25OCT2004	1	2.2
659	B8	Tuesday	28OCT2003	2	4.3	26OCT2004	0	0.0
660	B8	Wednesday	29OCT2003	1	2.2	27OCT2004	1	2.2
661	B8	Thursday	30OCT2003	0	0.0	28OCT2004	2	4.3
662	B8	Tuesday	04NOV2003	0	0.0	02NOV2004	2	4.3
663	B8	Saturday	08NOV2003	0	0.0	06NOV2004	18	38.9
664	B8	Monday	10NOV2003	1	2.2	08NOV2004	10	21.6
665	B8	Tuesday	11NOV2003	0	0.0	09NOV2004	4	8.6
666	B8	Wednesday	12NOV2003	4	8.6	10NOV2004	0	0.0
667	B8	Thursday	13NOV2003	0	0.0	11NOV2004	3	6.5
668	B8	Friday	14NOV2003	0	0.0	12NOV2004	10	21.6
669	B8	Monday	01DEC2003	10	21.6	29NOV2004	13	28.1
670	B8	Tuesday	02DEC2003	9	19.5	30NOV2004	8	17.3
671	B8	Wednesday	03DEC2003	4	8.6	01DEC2004	0	0.0
672	B8	Thursday	04DEC2003	1	2.2	02DEC2004	10	21.6

Hunting Effort Data by Training Area and Day, Sorted by Training Area   15

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
673	B8	Friday	05DEC2003	11	23.8	03DEC2004	15	32.4
674	B8	Saturday	06DEC2003	0	0.0	04DEC2004	22	47.6
675	B8	Monday	08DEC2003	10	21.6	06DEC2004	6	13.0
676	B8	Tuesday	09DEC2003	5	10.8	07DEC2004	4	8.6
677	B8	Wednesday	10DEC2003	1	2.2	08DEC2004	8	17.3
678	B8	Thursday	11DEC2003	4	8.6	09DEC2004	13	28.1
679	B8	Friday	12DEC2003	9	19.5	10DEC2004	10	21.6
680	B8	Saturday	13DEC2003	4	8.6	11DEC2004	5	10.8
681	B8	Friday	26DEC2003	10	21.6	.	.	.
682	B8	Saturday	27DEC2003	1	2.2	.	.	.
683	B8	Monday	29DEC2003	1	2.2	27DEC2004	3	6.5
684	B8	Tuesday	30DEC2003	0	0.0	28DEC2004	4	8.6
685	B8	Wednesday	31DEC2003	3	6.5	29DEC2004	3	6.5
686	B8	Thursday	01JAN2004	0	0.0	30DEC2004	7	15.1
687	B8	Friday	02JAN2004	3	6.5	.	.	.
688	B8	Saturday	03JAN2004	6	13.0	.	.	.
689	B9	Saturday	04OCT2003	2	5.2	.	.	.
690	B9	Saturday	11OCT2003	11	28.9	.	.	.
691	B9	Tuesday	14OCT2003	0	0.0	12OCT2004	8	21.0
692	B9	Wednesday	15OCT2003	0	0.0	13OCT2004	6	15.7
693	B9	Thursday	16OCT2003	0	0.0	14OCT2004	1	2.6
694	B9	Friday	17OCT2003	0	0.0	15OCT2004	0	0.0
695	B9	Saturday	18OCT2003	1	2.6	16OCT2004	0	0.0
696	B9	Monday	20OCT2003	24	63.0	18OCT2004	2	5.2
697	B9	Tuesday	21OCT2003	6	15.7	19OCT2004	1	2.6
698	B9	Wednesday	22OCT2003	6	15.7	20OCT2004	6	15.7
699	B9	Thursday	23OCT2003	18	47.2	21OCT2004	3	7.9
700	B9	Friday	24OCT2003	15	39.4	22OCT2004	0	0.0
701	B9	Thursday	30OCT2003	3	7.9	28OCT2004	0	0.0
702	B9	Saturday	01NOV2003	0	0.0	30OCT2004	3	7.9
703	B9	Monday	10NOV2003	0	0.0	08NOV2004	3	7.9
704	B9	Thursday	13NOV2003	0	0.0	11NOV2004	4	10.5
705	B9	Friday	14NOV2003	0	0.0	12NOV2004	11	28.9
706	B9	Saturday	15NOV2003	0	0.0	13NOV2004	12	31.5
707	B9	Monday	01DEC2003	0	0.0	29NOV2004	22	57.7
708	B9	Tuesday	02DEC2003	0	0.0	30NOV2004	22	57.7
709	B9	Wednesday	03DEC2003	0	0.0	01DEC2004	4	10.5
710	B9	Thursday	04DEC2003	2	5.2	02DEC2004	6	15.7
711	B9	Friday	05DEC2003	0	0.0	03DEC2004	7	18.4
712	B9	Saturday	06DEC2003	0	0.0	04DEC2004	1	2.6
713	B9	Saturday	13DEC2003	0	0.0	11DEC2004	10	26.2
714	B9	Monday	29DEC2003	0	0.0	27DEC2004	12	31.5
715	B9	Tuesday	30DEC2003	4	10.5	28DEC2004	1	2.6
716	B9	Wednesday	31DEC2003	0	0.0	29DEC2004	3	7.9
717	B9	Thursday	01JAN2004	0	0.0	30DEC2004	7	18.4
718	B9	Saturday	03JAN2004	3	7.9	.	.	.
719	B9	Tuesday	06JAN2004	2	5.2	.	.	.
720	B9	Wednesday	07JAN2004	3	7.9	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area   16

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
721	B9	Thursday	08JAN2004	6	15.7	.	.	.
722	C1	Saturday	04OCT2003	26	63.6	.	.	.
723	C1	Monday	06OCT2003	11	26.9	.	.	.
724	C1	Tuesday	07OCT2003	7	17.1	.	.	.
725	C1	Wednesday	08OCT2003	6	14.7	.	.	.
726	C1	Thursday	09OCT2003	7	17.1	.	.	.
727	C1	Friday	10OCT2003	8	19.6	.	.	.
728	C1	Wednesday	15OCT2003	0	0.0	13OCT2004	4	9.8
729	C1	Thursday	16OCT2003	0	0.0	14OCT2004	5	12.2
730	C1	Friday	17OCT2003	0	0.0	15OCT2004	6	14.7
731	C1	Saturday	18OCT2003	27	66.0	16OCT2004	7	17.1
732	C1	Thursday	23OCT2003	0	0.0	21OCT2004	4	9.8
733	C1	Friday	24OCT2003	0	0.0	22OCT2004	3	7.3
734	C1	Saturday	25OCT2003	0	0.0	23OCT2004	12	29.4
735	C1	Monday	27OCT2003	0	0.0	25OCT2004	5	12.2
736	C1	Tuesday	28OCT2003	0	0.0	26OCT2004	5	12.2
737	C1	Thursday	30OCT2003	0	0.0	28OCT2004	2	4.9
738	C1	Friday	31OCT2003	0	0.0	29OCT2004	2	4.9
739	C1	Saturday	01NOV2003	0	0.0	30OCT2004	15	36.7
740	C1	Wednesday	05NOV2003	0	0.0	03NOV2004	1	2.4
741	C1	Monday	10NOV2003	12	29.4	08NOV2004	7	17.1
742	C1	Tuesday	11NOV2003	10	24.5	09NOV2004	5	12.2
743	C1	Wednesday	12NOV2003	4	9.8	10NOV2004	4	9.8
744	C1	Thursday	13NOV2003	4	9.8	11NOV2004	7	17.1
745	C1	Friday	14NOV2003	10	24.5	12NOV2004	11	26.9
746	C1	Saturday	15NOV2003	17	41.6	13NOV2004	17	41.6
747	C1	Monday	01DEC2003	1	2.4	29NOV2004	0	0.0
748	C1	Thursday	04DEC2003	0	0.0	02DEC2004	3	7.3
749	C1	Friday	05DEC2003	1	2.4	03DEC2004	0	0.0
750	C1	Saturday	06DEC2003	0	0.0	04DEC2004	2	4.9
751	C1	Tuesday	09DEC2003	0	0.0	07DEC2004	1	2.4
752	C1	Wednesday	10DEC2003	0	0.0	08DEC2004	4	9.8
753	C1	Thursday	11DEC2003	0	0.0	09DEC2004	1	2.4
754	C1	Friday	12DEC2003	0	0.0	10DEC2004	1	2.4
755	C1	Saturday	13DEC2003	1	2.4	11DEC2004	1	2.4
756	C1	Friday	26DEC2003	6	14.7	.	.	.
757	C1	Saturday	27DEC2003	8	19.6	.	.	.
758	C1	Monday	29DEC2003	5	12.2	27DEC2004	0	0.0
759	C1	Saturday	03JAN2004	6	14.7	.	.	.
760	C1	Monday	05JAN2004	1	2.4	.	.	.
761	C1	Tuesday	06JAN2004	1	2.4	.	.	.
762	C1	Thursday	08JAN2004	1	2.4	.	.	.
763	C1	Saturday	10JAN2004	6	14.7	.	.	.
764	C2	Saturday	04OCT2003	21	61.4	.	.	.
765	C2	Monday	06OCT2003	7	20.5	.	.	.
766	C2	Tuesday	07OCT2003	3	8.8	.	.	.
767	C2	Thursday	09OCT2003	6	17.5	.	.	.
768	C2	Friday	10OCT2003	4	11.7	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area   17

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
769	C2	Saturday	11OCT2003	33	96.5	.	.	.
770	C2	Tuesday	14OCT2003	0	0.0	12OCT2004	4	11.7
771	C2	Wednesday	15OCT2003	0	0.0	13OCT2004	6	17.5
772	C2	Thursday	16OCT2003	0	0.0	14OCT2004	1	2.9
773	C2	Friday	17OCT2003	0	0.0	15OCT2004	2	5.8
774	C2	Saturday	18OCT2003	0	0.0	16OCT2004	11	32.2
775	C2	Monday	20OCT2003	0	0.0	18OCT2004	2	5.8
776	C2	Wednesday	22OCT2003	0	0.0	20OCT2004	8	23.4
777	C2	Monday	27OCT2003	0	0.0	25OCT2004	2	5.8
778	C2	Tuesday	28OCT2003	0	0.0	26OCT2004	5	14.6
779	C2	Wednesday	29OCT2003	0	0.0	27OCT2004	1	2.9
780	C2	Thursday	30OCT2003	0	0.0	28OCT2004	1	2.9
781	C2	Friday	31OCT2003	0	0.0	29OCT2004	2	5.8
782	C2	Saturday	01NOV2003	0	0.0	30OCT2004	3	8.8
783	C2	Monday	03NOV2003	0	0.0	01NOV2004	5	14.6
784	C2	Tuesday	04NOV2003	0	0.0	02NOV2004	6	17.5
785	C2	Wednesday	05NOV2003	0	0.0	03NOV2004	4	11.7
786	C2	Thursday	06NOV2003	0	0.0	04NOV2004	4	11.7
787	C2	Friday	07NOV2003	0	0.0	05NOV2004	7	20.5
788	C2	Saturday	08NOV2003	0	0.0	06NOV2004	16	46.8
789	C2	Monday	10NOV2003	8	23.4	08NOV2004	5	14.6
790	C2	Tuesday	11NOV2003	6	17.5	09NOV2004	0	0.0
791	C2	Wednesday	12NOV2003	7	20.5	10NOV2004	3	8.8
792	C2	Thursday	13NOV2003	2	5.8	11NOV2004	5	14.6
793	C2	Friday	14NOV2003	8	23.4	12NOV2004	2	5.8
794	C2	Saturday	15NOV2003	0	0.0	13NOV2004	6	17.5
795	C2	Monday	01DEC2003	1	2.9	29NOV2004	0	0.0
796	C2	Wednesday	03DEC2003	1	2.9	01DEC2004	0	0.0
797	C2	Friday	05DEC2003	0	0.0	03DEC2004	1	2.9
798	C2	Saturday	06DEC2003	0	0.0	04DEC2004	1	2.9
799	C2	Tuesday	09DEC2003	2	5.8	07DEC2004	0	0.0
800	C2	Wednesday	10DEC2003	0	0.0	08DEC2004	1	2.9
801	C2	Thursday	11DEC2003	1	2.9	09DEC2004	2	5.8
802	C2	Friday	12DEC2003	2	5.8	10DEC2004	2	5.8
803	C2	Saturday	13DEC2003	0	0.0	11DEC2004	1	2.9
804	C2	Saturday	27DEC2003	1	2.9	.	.	.
805	C2	Monday	29DEC2003	2	5.8	27DEC2004	0	0.0
806	C2	Wednesday	31DEC2003	2	5.8	29DEC2004	0	0.0
807	C2	Friday	02JAN2004	2	5.8	.	.	.
808	C2	Friday	09JAN2004	1	2.9	.	.	.
809	C2	Saturday	10JAN2004	1	2.9	.	.	.
810	C3	Monday	06OCT2003	24	32.6	.	.	.
811	C3	Tuesday	07OCT2003	12	16.3	.	.	.
812	C3	Wednesday	08OCT2003	6	8.2	.	.	.
813	C3	Thursday	09OCT2003	12	16.3	.	.	.
814	C3	Friday	10OCT2003	3	4.1	.	.	.
815	C3	Saturday	18OCT2003	0	0.0	16OCT2004	40	54.4
816	C3	Monday	20OCT2003	0	0.0	18OCT2004	18	24.5

Hunting Effort Data by Training Area and Day, Sorted by Training Area   18

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
817	C3	Tuesday	21OCT2003	1	1.4	19OCT2004	12	16.3
818	C3	Wednesday	22OCT2003	0	0.0	20OCT2004	21	28.6
819	C3	Thursday	23OCT2003	0	0.0	21OCT2004	16	21.8
820	C3	Friday	24OCT2003	0	0.0	22OCT2004	21	28.6
821	C3	Saturday	25OCT2003	0	0.0	23OCT2004	49	66.6
822	C3	Monday	27OCT2003	12	16.3	25OCT2004	4	5.4
823	C3	Tuesday	28OCT2003	18	24.5	26OCT2004	7	9.5
824	C3	Wednesday	29OCT2003	0	0.0	27OCT2004	4	5.4
825	C3	Thursday	30OCT2003	11	15.0	28OCT2004	1	1.4
826	C3	Saturday	01NOV2003	0	0.0	30OCT2004	11	15.0
827	C3	Monday	03NOV2003	21	28.6	01NOV2004	7	9.5
828	C3	Tuesday	04NOV2003	17	23.1	02NOV2004	2	2.7
829	C3	Wednesday	05NOV2003	12	16.3	03NOV2004	3	4.1
830	C3	Thursday	06NOV2003	11	15.0	04NOV2004	1	1.4
831	C3	Friday	07NOV2003	30	40.8	05NOV2004	1	1.4
832	C3	Saturday	08NOV2003	55	74.8	06NOV2004	0	0.0
833	C3	Monday	10NOV2003	12	16.3	08NOV2004	6	8.2
834	C3	Tuesday	11NOV2003	8	10.9	09NOV2004	6	8.2
835	C3	Wednesday	12NOV2003	3	4.1	10NOV2004	9	12.2
836	C3	Thursday	13NOV2003	7	9.5	11NOV2004	8	10.9
837	C3	Monday	01DEC2003	38	51.7	29NOV2004	28	38.1
838	C3	Tuesday	02DEC2003	64	87.0	30NOV2004	24	32.6
839	C3	Wednesday	03DEC2003	31	42.2	01DEC2004	5	6.8
840	C3	Thursday	04DEC2003	5	6.8	02DEC2004	9	12.2
841	C3	Friday	05DEC2003	37	50.3	03DEC2004	14	19.0
842	C3	Saturday	06DEC2003	0	0.0	04DEC2004	45	61.2
843	C3	Monday	08DEC2003	18	24.5	06DEC2004	12	16.3
844	C3	Tuesday	09DEC2003	26	35.4	07DEC2004	0	0.0
845	C3	Wednesday	10DEC2003	46	62.6	08DEC2004	32	43.5
846	C3	Thursday	11DEC2003	10	13.6	09DEC2004	28	38.1
847	C3	Friday	12DEC2003	57	77.5	10DEC2004	25	34.0
848	C3	Saturday	13DEC2003	30	40.8	11DEC2004	18	24.5
849	C3	Friday	26DEC2003	28	38.1	.	.	.
850	C3	Saturday	27DEC2003	5	6.8	.	.	.
851	C3	Monday	29DEC2003	4	5.4	27DEC2004	13	17.7
852	C3	Tuesday	30DEC2003	0	0.0	28DEC2004	12	16.3
853	C3	Wednesday	31DEC2003	0	0.0	29DEC2004	7	9.5
854	C3	Thursday	01JAN2004	0	0.0	30DEC2004	9	12.2
855	C3	Friday	02JAN2004	6	8.2	.	.	.
856	C3	Saturday	03JAN2004	1	1.4	.	.	.
857	C3	Tuesday	06JAN2004	7	9.5	.	.	.
858	C3	Wednesday	07JAN2004	4	5.4	.	.	.
859	C4	Monday	06OCT2003	20	20.0	.	.	.
860	C4	Tuesday	07OCT2003	13	13.0	.	.	.
861	C4	Wednesday	08OCT2003	9	9.0	.	.	.
862	C4	Thursday	09OCT2003	13	13.0	.	.	.
863	C4	Thursday	30OCT2003	18	18.0	28OCT2004	0	0.0
864	C4	Monday	01DEC2003	124	124.2	29NOV2004	41	41.1

Hunting Effort Data by Training Area and Day, Sorted by Training Area   19

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
865	C4	Tuesday	02DEC2003	85	85.1	30NOV2004	31	31.1
866	C4	Wednesday	03DEC2003	47	47.1	01DEC2004	8	8.0
867	C4	Thursday	04DEC2003	30	30.1	02DEC2004	7	7.0
868	C4	Friday	05DEC2003	19	19.0	03DEC2004	8	8.0
869	C4	Saturday	06DEC2003	0	0.0	04DEC2004	51	51.1
870	C4	Monday	08DEC2003	23	23.0	06DEC2004	8	8.0
871	C4	Tuesday	09DEC2003	12	12.0	07DEC2004	0	0.0
872	C4	Wednesday	10DEC2003	3	3.0	08DEC2004	5	5.0
873	C4	Thursday	11DEC2003	13	13.0	09DEC2004	12	12.0
874	C4	Friday	12DEC2003	18	18.0	10DEC2004	6	6.0
875	C4	Saturday	13DEC2003	84	84.1	11DEC2004	13	13.0
876	C4	Friday	26DEC2003	20	20.0	.	.	.
877	C4	Saturday	27DEC2003	15	15.0	.	.	.
878	C4	Monday	29DEC2003	5	5.0	27DEC2004	8	8.0
879	C4	Tuesday	30DEC2003	5	5.0	28DEC2004	3	3.0
880	C4	Wednesday	31DEC2003	12	12.0	29DEC2004	2	2.0
881	C4	Thursday	01JAN2004	0	0.0	30DEC2004	8	8.0
882	C4	Friday	02JAN2004	10	10.0	.	.	.
883	C4	Saturday	03JAN2004	13	13.0	.	.	.
884	C4	Wednesday	07JAN2004	1	1.0	.	.	.
885	C5	Monday	06OCT2003	10	19.3	.	.	.
886	C5	Friday	10OCT2003	5	9.6	.	.	.
887	C5	Monday	27OCT2003	4	7.7	25OCT2004	0	0.0
888	C5	Tuesday	28OCT2003	16	30.9	26OCT2004	0	0.0
889	C5	Thursday	30OCT2003	3	5.8	28OCT2004	0	0.0
890	C5	Friday	31OCT2003	19	36.6	29OCT2004	0	0.0
891	C5	Monday	03NOV2003	4	7.7	01NOV2004	0	0.0
892	C5	Wednesday	05NOV2003	4	7.7	03NOV2004	0	0.0
893	C5	Thursday	06NOV2003	4	7.7	04NOV2004	0	0.0
894	C5	Friday	07NOV2003	11	21.2	05NOV2004	0	0.0
895	C5	Monday	01DEC2003	18	34.7	29NOV2004	10	19.3
896	C5	Tuesday	02DEC2003	7	13.5	30NOV2004	8	15.4
897	C5	Wednesday	03DEC2003	4	7.7	01DEC2004	0	0.0
898	C5	Thursday	04DEC2003	4	7.7	02DEC2004	4	7.7
899	C5	Friday	05DEC2003	0	0.0	03DEC2004	1	1.9
900	C5	Saturday	06DEC2003	0	0.0	04DEC2004	7	13.5
901	C5	Monday	08DEC2003	2	3.9	06DEC2004	7	13.5
902	C5	Thursday	11DEC2003	1	1.9	09DEC2004	4	7.7
903	C5	Friday	12DEC2003	0	0.0	10DEC2004	4	7.7
904	C5	Saturday	13DEC2003	6	11.6	11DEC2004	4	7.7
905	C5	Saturday	27DEC2003	3	5.8	.	.	.
906	C5	Monday	29DEC2003	9	17.4	27DEC2004	0	0.0
907	C5	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.9
908	C5	Friday	02JAN2004	1	1.9	.	.	.
909	C5	Saturday	03JAN2004	1	1.9	.	.	.
910	C8	Monday	06OCT2003	6	6.7	.	.	.
911	C8	Tuesday	07OCT2003	2	2.2	.	.	.
912	C8	Friday	10OCT2003	16	17.9	.	.	.

Hunting Effort Data by Training Area and Day, Sorted by Training Area   20

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
913	C8	Saturday	18OCT2003	0	0.0	16OCT2004	17	19.0
914	C8	Monday	27OCT2003	4	4.5	25OCT2004	8	8.9
915	C8	Tuesday	28OCT2003	5	5.6	26OCT2004	5	5.6
916	C8	Wednesday	29OCT2003	10	11.2	27OCT2004	9	10.1
917	C8	Friday	31OCT2003	21	23.5	29OCT2004	0	0.0
918	C8	Saturday	01NOV2003	33	36.9	30OCT2004	0	0.0
919	C8	Friday	07NOV2003	16	17.9	05NOV2004	0	0.0
920	C8	Saturday	08NOV2003	13	14.5	06NOV2004	0	0.0
921	C8	Monday	01DEC2003	20	22.3	29NOV2004	40	44.7
922	C8	Tuesday	02DEC2003	0	0.0	30NOV2004	31	34.6
923	C8	Wednesday	03DEC2003	0	0.0	01DEC2004	6	6.7
924	C8	Thursday	04DEC2003	0	0.0	02DEC2004	17	19.0
925	C8	Friday	05DEC2003	0	0.0	03DEC2004	14	15.6
926	C8	Monday	08DEC2003	0	0.0	06DEC2004	7	7.8
927	C8	Saturday	13DEC2003	33	36.9	11DEC2004	18	20.1
928	C8	Monday	29DEC2003	0	0.0	27DEC2004	5	5.6
929	C8	Wednesday	31DEC2003	0	0.0	29DEC2004	1	1.1
930	C8	Saturday	03JAN2004	1	1.1	.	.	.
931	C8	Monday	05JAN2004	3	3.4	.	.	.
932	C9	Thursday	13NOV2003	0	0.0	11NOV2004	8	14.6
933	C9	Saturday	15NOV2003	0	0.0	13NOV2004	25	45.5
934	C9	Monday	01DEC2003	11	20.0	29NOV2004	12	21.8
935	C9	Tuesday	02DEC2003	11	20.0	30NOV2004	11	20.0
936	C9	Wednesday	03DEC2003	10	18.2	01DEC2004	1	1.8
937	C9	Thursday	04DEC2003	5	9.1	02DEC2004	4	7.3
938	C9	Friday	05DEC2003	5	9.1	03DEC2004	4	7.3
939	C9	Saturday	06DEC2003	0	0.0	04DEC2004	15	27.3
940	C9	Monday	08DEC2003	3	5.5	06DEC2004	3	5.5
941	C9	Tuesday	09DEC2003	6	10.9	07DEC2004	0	0.0
942	C9	Thursday	11DEC2003	1	1.8	09DEC2004	0	0.0
943	C9	Saturday	13DEC2003	11	20.0	11DEC2004	9	16.4
944	C9	Monday	29DEC2003	2	3.6	27DEC2004	0	0.0
945	C9	Tuesday	30DEC2003	0	0.0	28DEC2004	2	3.6
946	C9	Wednesday	31DEC2003	0	0.0	29DEC2004	4	7.3
947	C9	Thursday	01JAN2004	0	0.0	30DEC2004	3	5.5
948	C9	Wednesday	07JAN2004	1	1.8	.	.	.
949	C9	Saturday	10JAN2004	13	23.7	.	.	.
950	D1	Saturday	18OCT2003	0	0.0	16OCT2004	53	612.3
951	D1	Monday	20OCT2003	0	0.0	18OCT2004	24	277.3
952	D1	Tuesday	21OCT2003	0	0.0	19OCT2004	6	69.3
953	D1	Wednesday	22OCT2003	0	0.0	20OCT2004	10	115.5
954	D1	Thursday	23OCT2003	0	0.0	21OCT2004	11	127.1
955	D1	Monday	27OCT2003	0	0.0	25OCT2004	1	11.6
956	D1	Wednesday	29OCT2003	0	0.0	27OCT2004	9	104.0
957	D1	Thursday	30OCT2003	0	0.0	28OCT2004	3	34.7
958	D1	Friday	31OCT2003	0	0.0	29OCT2004	5	57.8
959	D1	Saturday	01NOV2003	0	0.0	30OCT2004	10	115.5
960	D1	Monday	03NOV2003	0	0.0	01NOV2004	14	161.7

Hunting Effort Data by Training Area and Day, Sorted by Training Area   21

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
961	D1	Tuesday	04NOV2003	0	0.0	02NOV2004	4	46.2
962	D1	Wednesday	05NOV2003	0	0.0	03NOV2004	9	104.0
963	D1	Thursday	06NOV2003	1	11.6	04NOV2004	5	57.8
964	D1	Monday	10NOV2003	28	323.5	08NOV2004	0	0.0
965	D1	Tuesday	11NOV2003	21	242.6	09NOV2004	0	0.0
966	D1	Wednesday	12NOV2003	17	196.4	10NOV2004	0	0.0
967	D1	Thursday	13NOV2003	20	231.0	11NOV2004	19	219.5
968	D1	Saturday	15NOV2003	0	0.0	13NOV2004	27	311.9
969	D1	Monday	01DEC2003	56	646.9	29NOV2004	44	508.3
970	D1	Tuesday	02DEC2003	0	0.0	30NOV2004	37	427.4
971	D1	Wednesday	03DEC2003	0	0.0	01DEC2004	6	69.3
972	D1	Thursday	04DEC2003	0	0.0	02DEC2004	20	231.0
973	D1	Friday	05DEC2003	0	0.0	03DEC2004	30	346.6
974	D1	Saturday	06DEC2003	0	0.0	04DEC2004	2	23.1
975	D1	Monday	08DEC2003	22	254.1	06DEC2004	14	161.7
976	D1	Saturday	13DEC2003	0	0.0	11DEC2004	63	727.8
977	D1	Saturday	27DEC2003	48	554.5	.	.	.
978	D1	Monday	29DEC2003	22	254.1	27DEC2004	16	184.8
979	D1	Tuesday	30DEC2003	6	69.3	28DEC2004	0	0.0
980	D1	Saturday	03JAN2004	12	138.6	.	.	.
981	D1	Monday	05JAN2004	1	11.6	.	.	.
982	D2	Saturday	04OCT2003	18	24.8	.	.	.
983	D2	Monday	06OCT2003	1	1.4	.	.	.
984	D2	Saturday	11OCT2003	1	1.4	.	.	.
985	D2	Saturday	18OCT2003	0	0.0	16OCT2004	15	20.7
986	D2	Monday	20OCT2003	0	0.0	18OCT2004	8	11.0
987	D2	Tuesday	21OCT2003	0	0.0	19OCT2004	1	1.4
988	D2	Wednesday	22OCT2003	0	0.0	20OCT2004	5	6.9
989	D2	Thursday	23OCT2003	0	0.0	21OCT2004	1	1.4
990	D2	Friday	24OCT2003	0	0.0	22OCT2004	14	19.3
991	D2	Saturday	25OCT2003	0	0.0	23OCT2004	40	55.1
992	D2	Monday	27OCT2003	0	0.0	25OCT2004	1	1.4
993	D2	Tuesday	28OCT2003	0	0.0	26OCT2004	4	5.5
994	D2	Wednesday	29OCT2003	0	0.0	27OCT2004	2	2.8
995	D2	Thursday	30OCT2003	0	0.0	28OCT2004	4	5.5
996	D2	Friday	31OCT2003	0	0.0	29OCT2004	1	1.4
997	D2	Saturday	01NOV2003	0	0.0	30OCT2004	5	6.9
998	D2	Monday	03NOV2003	0	0.0	01NOV2004	3	4.1
999	D2	Tuesday	04NOV2003	0	0.0	02NOV2004	4	5.5
1000	D2	Wednesday	05NOV2003	0	0.0	03NOV2004	7	9.7
1001	D2	Thursday	06NOV2003	0	0.0	04NOV2004	6	8.3
1002	D2	Monday	10NOV2003	9	12.4	08NOV2004	0	0.0
1003	D2	Tuesday	11NOV2003	8	11.0	09NOV2004	0	0.0
1004	D2	Wednesday	12NOV2003	5	6.9	10NOV2004	0	0.0
1005	D2	Thursday	13NOV2003	5	6.9	11NOV2004	5	6.9
1006	D2	Friday	14NOV2003	17	23.4	12NOV2004	0	0.0
1007	D2	Saturday	15NOV2003	41	56.5	13NOV2004	4	5.5
1008	D2	Monday	01DEC2003	28	38.6	29NOV2004	19	26.2

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1009	D2	Tuesday	02DEC2003	0	0.0	30NOV2004	15	20.7
1010	D2	Wednesday	03DEC2003	0	0.0	01DEC2004	1	1.4
1011	D2	Thursday	04DEC2003	0	0.0	02DEC2004	9	12.4
1012	D2	Friday	05DEC2003	0	0.0	03DEC2004	7	9.7
1013	D2	Monday	08DEC2003	10	13.8	06DEC2004	5	6.9
1014	D2	Tuesday	09DEC2003	19	26.2	07DEC2004	0	0.0
1015	D2	Thursday	11DEC2003	4	5.5	09DEC2004	0	0.0
1016	D2	Saturday	13DEC2003	35	48.3	11DEC2004	15	20.7
1017	D2	Saturday	27DEC2003	8	11.0	.	.	.
1018	D2	Monday	29DEC2003	3	4.1	27DEC2004	1	1.4
1019	D2	Tuesday	30DEC2003	1	1.4	28DEC2004	7	9.7
1020	D2	Wednesday	31DEC2003	0	0.0	29DEC2004	6	8.3
1021	D2	Thursday	01JAN2004	0	0.0	30DEC2004	13	17.9
1022	D2	Friday	02JAN2004	7	9.7	.	.	.
1023	D2	Saturday	03JAN2004	6	8.3	.	.	.
1024	D2	Monday	05JAN2004	3	4.1	.	.	.
1025	D2	Tuesday	06JAN2004	5	6.9	.	.	.
1026	D2	Wednesday	07JAN2004	1	1.4	.	.	.
1027	D2	Thursday	08JAN2004	3	4.1	.	.	.
1028	D2	Friday	09JAN2004	6	8.3	.	.	.
1029	D2	Saturday	10JAN2004	11	15.2	.	.	.
1030	D3	Saturday	04OCT2003	15	23.8	.	.	.
1031	D3	Monday	06OCT2003	9	14.3	.	.	.
1032	D3	Wednesday	08OCT2003	8	12.7	.	.	.
1033	D3	Thursday	09OCT2003	3	4.8	.	.	.
1034	D3	Saturday	18OCT2003	0	0.0	16OCT2004	5	7.9
1035	D3	Monday	20OCT2003	0	0.0	18OCT2004	7	11.1
1036	D3	Tuesday	21OCT2003	0	0.0	19OCT2004	1	1.6
1037	D3	Thursday	23OCT2003	0	0.0	21OCT2004	4	6.4
1038	D3	Friday	24OCT2003	0	0.0	22OCT2004	11	17.5
1039	D3	Saturday	25OCT2003	0	0.0	23OCT2004	19	30.2
1040	D3	Monday	27OCT2003	0	0.0	25OCT2004	1	1.6
1041	D3	Thursday	30OCT2003	0	0.0	28OCT2004	2	3.2
1042	D3	Friday	31OCT2003	0	0.0	29OCT2004	1	1.6
1043	D3	Saturday	01NOV2003	0	0.0	30OCT2004	4	6.4
1044	D3	Monday	03NOV2003	0	0.0	01NOV2004	1	1.6
1045	D3	Tuesday	04NOV2003	0	0.0	02NOV2004	8	12.7
1046	D3	Wednesday	05NOV2003	0	0.0	03NOV2004	2	3.2
1047	D3	Thursday	06NOV2003	0	0.0	04NOV2004	1	1.6
1048	D3	Monday	10NOV2003	4	6.4	08NOV2004	1	1.6
1049	D3	Tuesday	11NOV2003	4	6.4	09NOV2004	0	0.0
1050	D3	Wednesday	12NOV2003	6	9.5	10NOV2004	0	0.0
1051	D3	Thursday	13NOV2003	1	1.6	11NOV2004	0	0.0
1052	D3	Saturday	15NOV2003	0	0.0	13NOV2004	2	3.2
1053	D3	Monday	01DEC2003	14	22.2	29NOV2004	16	25.4
1054	D3	Tuesday	02DEC2003	0	0.0	30NOV2004	12	19.1
1055	D3	Wednesday	03DEC2003	0	0.0	01DEC2004	4	6.4
1056	D3	Thursday	04DEC2003	0	0.0	02DEC2004	2	3.2

Obs	Training Area	Day of Week	Day	No. Hunter- Trips 2003	Hunter- Trips/Sq. Mile 2003	Day	No. Hunter- Trips 2004	Hunter- Trips/Sq. Mile 2004
1057	D3	Friday	05DEC2003	28	44.5	03DEC2004	2	3.2
1058	D3	Monday	08DEC2003	5	7.9	06DEC2004	5	7.9
1059	D3	Tuesday	09DEC2003	12	19.1	07DEC2004	0	0.0
1060	D3	Thursday	11DEC2003	7	11.1	09DEC2004	0	0.0
1061	D3	Saturday	13DEC2003	17	27.0	11DEC2004	5	7.9
1062	D3	Saturday	27DEC2003	7	11.1	.	.	.
1063	D3	Monday	29DEC2003	0	0.0	27DEC2004	4	6.4
1064	D3	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.6
1065	D3	Wednesday	31DEC2003	0	0.0	29DEC2004	3	4.8
1066	D3	Thursday	01JAN2004	0	0.0	30DEC2004	8	12.7
1067	D3	Friday	02JAN2004	4	6.4	.	.	.
1068	D3	Saturday	03JAN2004	2	3.2	.	.	.
1069	D3	Monday	05JAN2004	1	1.6	.	.	.
1070	D3	Tuesday	06JAN2004	1	1.6	.	.	.
1071	D3	Wednesday	07JAN2004	2	3.2	.	.	.
1072	D3	Thursday	08JAN2004	2	3.2	.	.	.
1073	D3	Friday	09JAN2004	4	6.4	.	.	.
1074	D3	Saturday	10JAN2004	14	22.2	.	.	.
1075	D4	Saturday	04OCT2003	1	5.0	.	.	.
1076	D4	Thursday	09OCT2003	2	10.0	.	.	.
1077	D4	Saturday	11OCT2003	6	30.0	.	.	.
1078	D4	Saturday	18OCT2003	0	0.0	16OCT2004	7	35.0
1079	D4	Monday	20OCT2003	0	0.0	18OCT2004	4	20.0
1080	D4	Tuesday	21OCT2003	0	0.0	19OCT2004	1	5.0
1081	D4	Wednesday	22OCT2003	0	0.0	20OCT2004	2	10.0
1082	D4	Thursday	23OCT2003	0	0.0	21OCT2004	2	10.0
1083	D4	Friday	24OCT2003	0	0.0	22OCT2004	1	5.0
1084	D4	Monday	27OCT2003	0	0.0	25OCT2004	2	10.0
1085	D4	Tuesday	28OCT2003	0	0.0	26OCT2004	1	5.0
1086	D4	Wednesday	29OCT2003	0	0.0	27OCT2004	1	5.0
1087	D4	Thursday	30OCT2003	0	0.0	28OCT2004	1	5.0
1088	D4	Friday	31OCT2003	0	0.0	29OCT2004	1	5.0
1089	D4	Saturday	01NOV2003	0	0.0	30OCT2004	4	20.0
1090	D4	Monday	03NOV2003	0	0.0	01NOV2004	1	5.0
1091	D4	Wednesday	05NOV2003	0	0.0	03NOV2004	2	10.0
1092	D4	Friday	07NOV2003	0	0.0	05NOV2004	7	35.0
1093	D4	Monday	10NOV2003	1	5.0	08NOV2004	3	15.0
1094	D4	Tuesday	11NOV2003	1	5.0	09NOV2004	0	0.0
1095	D4	Wednesday	12NOV2003	1	5.0	10NOV2004	0	0.0
1096	D4	Thursday	13NOV2003	0	0.0	11NOV2004	3	15.0
1097	D4	Friday	14NOV2003	1	5.0	12NOV2004	0	0.0
1098	D4	Saturday	15NOV2003	5	25.0	13NOV2004	0	0.0
1099	D4	Monday	01DEC2003	11	55.0	29NOV2004	2	10.0
1100	D4	Tuesday	02DEC2003	12	60.0	30NOV2004	4	20.0
1101	D4	Wednesday	03DEC2003	20	100.0	01DEC2004	1	5.0
1102	D4	Thursday	04DEC2003	6	30.0	02DEC2004	1	5.0
1103	D4	Friday	05DEC2003	6	30.0	03DEC2004	4	20.0
1104	D4	Monday	08DEC2003	5	25.0	06DEC2004	1	5.0

Hunting Effort Data by Training Area and Day, Sorted by Training Area   24

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1105	D4	Tuesday	09DEC2003	2	10.0	07DEC2004	0	0.0
1106	D4	Thursday	11DEC2003	3	15.0	09DEC2004	0	0.0
1107	D4	Saturday	13DEC2003	0	0.0	11DEC2004	8	40.0
1108	D4	Saturday	27DEC2003	4	20.0	.	.	.
1109	D4	Monday	29DEC2003	1	5.0	27DEC2004	2	10.0
1110	D4	Tuesday	30DEC2003	0	0.0	28DEC2004	2	10.0
1111	D4	Wednesday	31DEC2003	3	15.0	29DEC2004	2	10.0
1112	D4	Thursday	01JAN2004	0	0.0	30DEC2004	2	10.0
1113	D4	Friday	02JAN2004	5	25.0	.	.	.
1114	D4	Saturday	03JAN2004	4	20.0	.	.	.
1115	D4	Monday	05JAN2004	1	5.0	.	.	.
1116	D4	Tuesday	06JAN2004	2	10.0	.	.	.
1117	D4	Wednesday	07JAN2004	1	5.0	.	.	.
1118	D4	Thursday	08JAN2004	2	10.0	.	.	.
1119	D4	Friday	09JAN2004	2	10.0	.	.	.
1120	D4	Saturday	10JAN2004	7	35.0	.	.	.
1121	D5	Friday	10OCT2003	14	13.0	.	.	.
1122	D5	Saturday	18OCT2003	0	0.0	16OCT2004	42	39.1
1123	D5	Monday	20OCT2003	72	67.0	18OCT2004	17	15.8
1124	D5	Tuesday	21OCT2003	30	27.9	19OCT2004	8	7.4
1125	D5	Wednesday	22OCT2003	16	14.9	20OCT2004	3	2.8
1126	D5	Thursday	23OCT2003	37	34.4	21OCT2004	22	20.5
1127	D5	Friday	24OCT2003	53	49.3	22OCT2004	0	0.0
1128	D5	Saturday	25OCT2003	110	102.4	23OCT2004	0	0.0
1129	D5	Monday	27OCT2003	0	0.0	25OCT2004	3	2.8
1130	D5	Tuesday	28OCT2003	0	0.0	26OCT2004	1	0.9
1131	D5	Thursday	30OCT2003	0	0.0	28OCT2004	3	2.8
1132	D5	Friday	31OCT2003	0	0.0	29OCT2004	5	4.7
1133	D5	Saturday	01NOV2003	0	0.0	30OCT2004	19	17.7
1134	D5	Monday	03NOV2003	0	0.0	01NOV2004	9	8.4
1135	D5	Tuesday	04NOV2003	0	0.0	02NOV2004	4	3.7
1136	D5	Wednesday	05NOV2003	0	0.0	03NOV2004	9	8.4
1137	D5	Thursday	06NOV2003	0	0.0	04NOV2004	2	1.9
1138	D5	Friday	07NOV2003	0	0.0	05NOV2004	4	3.7
1139	D5	Saturday	08NOV2003	0	0.0	06NOV2004	32	29.8
1140	D5	Monday	10NOV2003	5	4.7	08NOV2004	15	14.0
1141	D5	Tuesday	11NOV2003	6	5.6	09NOV2004	0	0.0
1142	D5	Monday	01DEC2003	4	3.7	29NOV2004	38	35.4
1143	D5	Tuesday	02DEC2003	0	0.0	30NOV2004	42	39.1
1144	D5	Wednesday	03DEC2003	0	0.0	01DEC2004	8	7.4
1145	D5	Thursday	04DEC2003	51	47.5	02DEC2004	15	14.0
1146	D5	Saturday	06DEC2003	0	0.0	04DEC2004	2	1.9
1147	D5	Monday	08DEC2003	6	5.6	06DEC2004	8	7.4
1148	D5	Saturday	13DEC2003	1	0.9	11DEC2004	33	30.7
1149	D5	Saturday	27DEC2003	23	21.4	.	.	.
1150	D5	Monday	29DEC2003	27	25.1	27DEC2004	20	18.6
1151	D5	Tuesday	30DEC2003	7	6.5	28DEC2004	0	0.0
1152	D5	Wednesday	31DEC2003	15	14.0	29DEC2004	0	0.0

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1153	D5	Friday	02JAN2004	9	8.4	.	.	.
1154	D5	Saturday	03JAN2004	24	22.3	.	.	.
1155	D5	Monday	05JAN2004	3	2.8	.	.	.
1156	D6	Saturday	04OCT2003	6	11.7	.	.	.
1157	D6	Monday	06OCT2003	5	9.8	.	.	.
1158	D6	Tuesday	07OCT2003	2	3.9	.	.	.
1159	D6	Wednesday	08OCT2003	3	5.9	.	.	.
1160	D6	Saturday	11OCT2003	40	78.1	.	.	.
1161	D6	Monday	20OCT2003	5	9.8	18OCT2004	1	2.0
1162	D6	Tuesday	21OCT2003	6	11.7	19OCT2004	0	0.0
1163	D6	Wednesday	22OCT2003	1	2.0	20OCT2004	0	0.0
1164	D6	Thursday	23OCT2003	3	5.9	21OCT2004	0	0.0
1165	D6	Friday	24OCT2003	1	2.0	22OCT2004	0	0.0
1166	D6	Saturday	25OCT2003	2	3.9	23OCT2004	0	0.0
1167	D6	Thursday	13NOV2003	0	0.0	11NOV2004	5	9.8
1168	D6	Saturday	15NOV2003	1	2.0	13NOV2004	5	9.8
1169	D6	Monday	01DEC2003	15	29.3	29NOV2004	6	11.7
1170	D6	Tuesday	02DEC2003	27	52.7	30NOV2004	8	15.6
1171	D6	Wednesday	03DEC2003	12	23.4	01DEC2004	0	0.0
1172	D6	Thursday	04DEC2003	2	3.9	02DEC2004	9	17.6
1173	D6	Friday	05DEC2003	8	15.6	03DEC2004	5	9.8
1174	D6	Saturday	06DEC2003	0	0.0	04DEC2004	56	109.4
1175	D6	Monday	08DEC2003	0	0.0	06DEC2004	4	7.8
1176	D6	Tuesday	09DEC2003	7	13.7	07DEC2004	0	0.0
1177	D6	Thursday	11DEC2003	2	3.9	09DEC2004	0	0.0
1178	D6	Saturday	13DEC2003	0	0.0	11DEC2004	17	33.2
1179	D6	Saturday	27DEC2003	5	9.8	.	.	.
1180	D6	Monday	29DEC2003	0	0.0	27DEC2004	1	2.0
1181	D6	Tuesday	30DEC2003	0	0.0	28DEC2004	7	13.7
1182	D6	Wednesday	31DEC2003	1	2.0	29DEC2004	2	3.9
1183	D6	Thursday	01JAN2004	0	0.0	30DEC2004	5	9.8
1184	D6	Friday	02JAN2004	1	2.0	.	.	.
1185	D6	Tuesday	06JAN2004	3	5.9	.	.	.
1186	D6	Wednesday	07JAN2004	3	5.9	.	.	.
1187	D6	Thursday	08JAN2004	3	5.9	.	.	.
1188	D6	Friday	09JAN2004	4	7.8	.	.	.
1189	D6	Saturday	10JAN2004	10	19.5	.	.	.
1190	D7	Friday	10OCT2003	8	9.3	.	.	.
1191	D7	Saturday	18OCT2003	0	0.0	16OCT2004	12	14.0
1192	D7	Monday	27OCT2003	4	4.7	25OCT2004	0	0.0
1193	D7	Tuesday	28OCT2003	11	12.8	26OCT2004	0	0.0
1194	D7	Wednesday	29OCT2003	8	9.3	27OCT2004	0	0.0
1195	D7	Thursday	30OCT2003	4	4.7	28OCT2004	0	0.0
1196	D7	Friday	31OCT2003	10	11.7	29OCT2004	0	0.0
1197	D7	Saturday	01NOV2003	18	21.0	30OCT2004	0	0.0
1198	D7	Monday	01DEC2003	1	1.2	29NOV2004	19	22.1
1199	D7	Tuesday	02DEC2003	0	0.0	30NOV2004	17	19.8
1200	D7	Wednesday	03DEC2003	0	0.0	01DEC2004	5	5.8

Hunting Effort Data by Training Area and Day, Sorted by Training Area   26

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1201	D7	Thursday	04DEC2003	10	11.7	02DEC2004	9	10.5
1202	D7	Saturday	06DEC2003	0	0.0	04DEC2004	1	1.2
1203	D7	Monday	08DEC2003	1	1.2	06DEC2004	8	9.3
1204	D7	Saturday	13DEC2003	68	79.3	11DEC2004	23	26.8
1205	D7	Saturday	27DEC2003	17	19.8	.	.	.
1206	D7	Monday	29DEC2003	2	2.3	27DEC2004	3	3.5
1207	D7	Saturday	03JAN2004	1	1.2	.	.	.
1208	D7	Monday	05JAN2004	1	1.2	.	.	.
1209	D8	Saturday	04OCT2003	14	24.4	.	.	.
1210	D8	Tuesday	07OCT2003	1	1.7	.	.	.
1211	D8	Wednesday	08OCT2003	1	1.7	.	.	.
1212	D8	Thursday	09OCT2003	1	1.7	.	.	.
1213	D8	Saturday	11OCT2003	9	15.7	.	.	.
1214	D8	Saturday	18OCT2003	0	0.0	16OCT2004	1	1.7
1215	D8	Friday	24OCT2003	0	0.0	22OCT2004	1	1.7
1216	D8	Thursday	13NOV2003	0	0.0	11NOV2004	5	8.7
1217	D8	Monday	01DEC2003	0	0.0	29NOV2004	19	33.1
1218	D8	Tuesday	02DEC2003	15	26.2	30NOV2004	8	14.0
1219	D8	Thursday	04DEC2003	5	8.7	02DEC2004	2	3.5
1220	D8	Friday	05DEC2003	1	1.7	03DEC2004	5	8.7
1221	D8	Monday	08DEC2003	1	1.7	06DEC2004	0	0.0
1222	D8	Saturday	13DEC2003	8	14.0	11DEC2004	4	7.0
1223	D8	Friday	26DEC2003	1	1.7	.	.	.
1224	D8	Monday	29DEC2003	0	0.0	27DEC2004	1	1.7
1225	D8	Tuesday	30DEC2003	0	0.0	28DEC2004	1	1.7
1226	D8	Wednesday	31DEC2003	0	0.0	29DEC2004	5	8.7
1227	D8	Thursday	01JAN2004	0	0.0	30DEC2004	1	1.7
1228	D8	Friday	09JAN2004	5	8.7	.	.	.
1229	D8	Saturday	10JAN2004	1	1.7	.	.	.
1230	D9	Saturday	18OCT2003	0	0.0	16OCT2004	5	8.8
1231	D9	Monday	20OCT2003	0	0.0	18OCT2004	1	1.8
1232	D9	Tuesday	21OCT2003	0	0.0	19OCT2004	1	1.8
1233	D9	Wednesday	22OCT2003	0	0.0	20OCT2004	4	7.0
1234	D9	Thursday	23OCT2003	0	0.0	21OCT2004	2	3.5
1235	D9	Friday	24OCT2003	1	1.8	22OCT2004	6	10.5
1236	D9	Saturday	25OCT2003	0	0.0	23OCT2004	15	26.3
1237	D9	Monday	27OCT2003	0	0.0	25OCT2004	1	1.8
1238	D9	Wednesday	29OCT2003	0	0.0	27OCT2004	1	1.8
1239	D9	Thursday	30OCT2003	0	0.0	28OCT2004	1	1.8
1240	D9	Friday	31OCT2003	0	0.0	29OCT2004	1	1.8
1241	D9	Saturday	01NOV2003	0	0.0	30OCT2004	3	5.3
1242	D9	Monday	03NOV2003	0	0.0	01NOV2004	2	3.5
1243	D9	Tuesday	04NOV2003	0	0.0	02NOV2004	1	1.8
1244	D9	Thursday	13NOV2003	0	0.0	11NOV2004	1	1.8
1245	D9	Saturday	15NOV2003	6	10.5	13NOV2004	1	1.8
1246	D9	Monday	01DEC2003	7	12.3	29NOV2004	12	21.1
1247	D9	Tuesday	02DEC2003	0	0.0	30NOV2004	13	22.8
1248	D9	Wednesday	03DEC2003	0	0.0	01DEC2004	1	1.8

Obs	Training Area	Day of Week	Day	No. Hunter-Trips 2003	Hunter-Trips/Sq. Mile 2003	Day	No. Hunter-Trips 2004	Hunter-Trips/Sq. Mile 2004
1249	D9	Thursday	04DEC2003	0	0.0	02DEC2004	1	1.8
1250	D9	Friday	05DEC2003	0	0.0	03DEC2004	1	1.8
1251	D9	Monday	08DEC2003	1	1.8	06DEC2004	6	10.5
1252	D9	Saturday	13DEC2003	16	28.1	11DEC2004	4	7.0
1253	D9	Monday	29DEC2003	2	3.5	27DEC2004	3	5.3
1254	D9	Tuesday	30DEC2003	2	3.5	28DEC2004	5	8.8
1255	D9	Wednesday	31DEC2003	0	0.0	29DEC2004	2	3.5
1256	D9	Thursday	01JAN2004	0	0.0	30DEC2004	4	7.0
1257	D9	Saturday	03JAN2004	2	3.5	.	.	.