



2014 VERMONT WILDLIFE HARVEST REPORT – MOOSE



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2014 Vermont Moose Harvest Report

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Vermont Fish & Wildlife Department

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2014 Moose Report

One hundred and seventy-one moose were harvested in Vermont's 2014 moose seasons. Twenty-two moose were taken during the archery-only season and 149 in the regular season. An estimated 24 tons of moose venison, providing 192,000 meals, was harvested during the combined seasons.

Archery Season

For Vermont's fourth annual archery-only moose season, a total of 1,977 valid lottery applications were received (1,371 residents and 606 non-residents). Fifty-four permits were issued, with 47 allocated to residents, and 7 to non-residents. Four of the non-residents won their permits through the annual auction.

Harvest Dates and Success Rates

The archery moose season ran for 7 days, from October 1-7, during the peak of the moose rutting season. Bulls are more responsive to calling at this time of year compared to mid-October, thus increasing the odds that bow hunters are able to call in moose to within shooting distance. Twenty-seven percent of the moose were taken on opening weekend (Table 1), and overall success rate was 41%. Success rates by WMU are given in Table 2.

TABLE 1. 2014 ARCHERY MOOSE HARVEST BY DAY OF SEASON

| Season Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------------------|---|---|---|---|---|---|---|
| Moose Harvested | 3 | 3 | 4 | 6 | 4 | 1 | 1 |

Harvest Data

The Vermont Fish & Wildlife Department does not operate official biological check stations during the moose archery season. This is because with the low permit numbers and statewide distribution of the archers, it would not be cost effective to staff check stations. Instead, successful moose archers may report their kill to any authorized regular big game reporting station. Some of these stations are set up to



Scouting

Moose hunter surveys were returned by 25 (46%) of the 54 archery season hunters, 23 of whom reported that they scouted prior to the hunting season. Average time spent scouting was 36.4 hours/party, and the average number of moose seen per hour scouted was 0.10, or approximately 1 moose seen for every 10 hours of scouting effort.

Hunting Information

All but 3 of the 28 archery survey respondents saw at least 1 moose during the open season; the total moose seen was 100. Six different hunters passed up on 24 moose (12 cows, 6 bulls, and 6 calves). Three of these hunters eventually tagged a moose and 3 did not. Hunting methods used included calling (25 hunters), still hunting (18), ground blinds (9), tracking (8), tree stands (3), and decoys (1).

TABLE 2. 2014 VERMONT ARCHERY MOOSE HUNTER SUCCESS RATES BY WMU

| WMU | Bulls | Cows | Male Calves | Female Calves | Total Harvest | Permits Issued | 2014 Percent Success | 2013 Percent Success |
|--------|-------|------|----------------|------------------|------------------|-------------------|-------------------------|-------------------------|
| С | 3 | | | | 3 | * | * | 50 |
| D1 | 2 | 1 | 1 | | 4 | * | * | 75 |
| D2 | | | | | 0 | 5 | 0 | 0 |
| E1 | 8 | | | | 8 | 15 | 53 | 50 |
| E2 | 2 | | | | 2 | 3 | 67 | 0 |
| I | 1 | 2 | | | 3 | * | * | 100 |
| M | 1 | | | | 1 | * | * | 67 |
| P | | | 1 | | 1 | * | * | 100 |
| Totals | 17 | 3 | 2 | 0 | 22 | 54 | 41 | 45 |
| Z* | 7 | 3 | 2 | 0 | 12 | 28 | 43 | n/a |

^{*}WMUs C, D1, I, M, and P were all available to persons with a permit for area "Z", therefore number of permits issued and success rates are not applicable for these individual WMUs.

weigh moose, and most also record antler spreads and point totals from the bulls. These data are presented in Table 3. Seventeen (77%) of moose taken were adult bulls, 3 (14%) were adult cows, and 2 (9%) were bull calves. Scaled carcass weights were obtained for 10 moose, with 2 bulls weighing over 900 pounds. The widest antler spread recorded was 53 inches on a bull taken in Ferdinand. Seventeen moose were taken by residents and 5 by non-residents. Three moose were taken by archers using crossbows.

Regular Season

A total of 9,666 valid applications were received for the 2014 Vermont regular moose season lottery (7,518 residents and 2,148 non-residents). Unsuccessful applicants from the previous seasons were awarded bonus points if they applied again in 2014. Ninety percent of the lottery permits (260) were allocated to residents and the remainder (24) to non-residents. One additional permit won through an auction process, and 3 Special Opportunity Permits issued to youths through a sponsoring organization, resulted in a total of 288 either-

sex permits being issued across 16 Wildlife Management Units (WMUs).

Harvest Dates and Success Rates

Vermont's 22nd moose season began on the third Saturday in October (18th) and ran for 6 days. The weather was relatively warm and wet throughout most of the season. There were 45 moose taken on opening day (Table 4). Overall success rate was 52%, down from 55% the previous year (Table 5).

Biological Data

Ninety-six (64%) of moose taken were bulls, 45 (30%) were cows, and 8 (5%) were calves (2 males and 6 females). Completely-dressed carcass weights were obtained from 141 moose, or 95% of the total harvest. Twelve bulls weighed over 750 lbs. and the largest was an 825-lb., 6-year old taken in Braintree. The widest antler spread was carried by an 11-year old bull taken in Granville. The average completely-dressed weight of 2 male calves, 17 yearling bulls, and 71 older bulls was 234, 444, and 643 lbs., respectively.

TABLE 3. 2014 VERMONT LEGAL MOOSE ARCHERY SEASON HARVEST DATA

| Last Name | WMU | Town Kill | Age Class | Cementum Age | Sex | Weight (lbs) | Spread (inches) | Total Points |
|-----------|-----|--------------------|--------------|-----------------|-----|-----------------|--------------------|-----------------|
| BAILEY | E2 | FERDINAND | ADULT | 9 | M | 689 | 53 | 13 |
| BAXTER | С | BELVIDERE | ADULT | | M | 916 | 46 | 18 |
| BLAISDELL | D1 | LOWELL | ADULT | | F | 534 | | |
| BORNEMANN | D1 | EDEN | ADULT | | M | | 37 | 12 |
| BRADY | E1 | BLOOMFIELD | ADULT | | M | | 36 | 13 |
| CHANDLER | C | BELVIDERE | ADULT | | M | | 20 | 4 |
| COOMBS | I | ROCHESTER | ADULT | | F | | | |
| CORRON | D1 | LOWELL | CALF | | M | 284 | | |
| HAMMOND | E1 | AVERILL | ADULT | 2 | M | | 30 | 7 |
| HAMPERS | E1 | BLOOMFIELD | ADULT | | M | | 34 | 8 |
| HARDY | P | WOODFORD | CALF | | M | | | |
| JIMMO | C | EDEN | ADULT | | M | 775 | 46 | 20 |
| MAYO | M | WINDHAM | ADULT | | M | | 48 | 18 |
| MOORE | E1 | BLOOMFIELD | ADULT | 2 | M | 601 | 29 | 7 |
| MUNUKKA | E1 | AVERYS GORE | ADULT | 2 | M | 555 | 25 | 4 |
| POTTER | D1 | EDEN | ADULT | | M | | 24 | 4 |
| REYNOLDS | I | GOSHEN | ADULT | 10 | F | | | |
| RHODES | E1 | NORTON | ADULT | 1 | M | 483 | 23 | 5 |
| RICE | E1 | BLOOMFIELD | ADULT | 3 | M | 919 | 52 | 20 |
| STANLEY | E2 | FERDINAND | ADULT | 2 | M | 608 | 38 | 14 |
| SZABO | E1 | BLOOMFIELD | ADULT | | M | | 25 | 6 |
| THERRIEN | I | ROCHESTER | ADULT | 10 | M | 875 | 40 | 13 |

TABLE 4. 2014 VERMONT MOOSE HARVEST DISTRIBUTION BY DATE, SEX, AND AGE CLASS

| Date | Bulls | Cows | Calves | Total | Percent |
|------------|-------|------|--------|-------|---------|
| October 18 | 32 | 11 | 2 | 45 | 30 |
| October 19 | 22 | 7 | 2 | 31 | 21 |
| October 20 | 18 | 6 | 1 | 25 | 17 |
| October 21 | 10 | 10 | 1 | 21 | 14 |
| October 22 | 5 | 9 | 2 | 16 | 11 |
| October 23 | 9 | 2 | 0 | 11 | 7 |
| Totals | 96 | 45 | 8 | 149 | 100 |

TABLE 5. 2014 VERMONT MOOSE HUNTER SUCCESS RATES BY WMU

| WMU | Bulls | Cows | Male Calves | Female Calves | Total Harvest | Permits Issued | 2014 Percent Success | 2013 Percent Success |
|--------|-------|------|----------------|------------------|------------------|-------------------|-------------------------|-------------------------|
| B & C | 12 | 9 | 1 | | 22 | 30 | 0.73 | 0.58 |
| D1 | 12 | 6 | | 1 | 19 | 40 | 0.48 | 0.54 |
| D2 | 10 | 7 | | 1 | 18 | 25 | 0.72 | 0.66 |
| E1 | 18 | 8 | 1 | 3 | 30 | 44 | 0.68 | 0.58 |
| E2 | 6 | 3 | | | 9 | 15 | 0.60 | 0.77 |
| G | 3 | | | | 3 | 10 | 0.30 | 0.80 |
| Н | 7 | 4 | | | 11 | 30 | 0.37 | 0.57 |
| I | 8 | 3 | | | 11 | 20 | 0.55 | 0.35 |
| J1 | 5 | 1 | | | 6 | 10 | 0.60 | 0.40 |
| J2 | 5 | 1 | | | 6 | 15 | 0.40 | 0.40 |
| L | 1 | 1 | | | 2 | 4 | 0.50 | 0.45 |
| M & O | 5 | 2 | | 1 | 8 | 30 | 0.27 | 0.48 |
| P | 3 | | | | 3 | 10 | 0.30 | 0.50 |
| Q | 1 | | | | 1 | 5 | 0.20 | 0.40 |
| Totals | 96 | 45 | 2 | 6 | 149 | 288* | 0.52 | 0.55 |

^{*}Includes 1 auctioned and 3 Special Opportunity moose hunt permits

The heaviest cow was a 638 lb., 13-year old taken in Dover. The average weight of 6 female calves, 9 yearling cows, and 30 older cows was 220, 430, and 518 lbs., respectively. The trend in average weights of cows age 3 and greater is shown in Figure 1. The 2014 average of 528 lbs. for these prime breeding-age cows was the second lowest on record, nearly matching the average of 527 lbs. in 2011. Both of these years followed winters where high tick infestations likely caused lower body weights in the subsequent autumns.

The department again sampled larval tick loads on moose harvested in 2014 and found a 41% reduction from the numbers of ticks moose carried on moose harvested during the 2013 season. This should mean less impact from ticks during the winter of 2014-15, and cow weights may again begin to increase.

Complete sets of ovaries (i.e., reproductive organs) were collected from 20 cows (a

return rate of 44%). In healthy populations with access to plenty of food, this index of calf production for prime-aged cows (i.e., ages 3 and older) ranges from 1.25 to 1.75 ova per cow. The average number of ova per prime-aged cow in 2014 was 1.11. Although this health index has improved from Vermont's all-time low of 0.76 in 2011, it is still well below rates found in truly healthy populations.

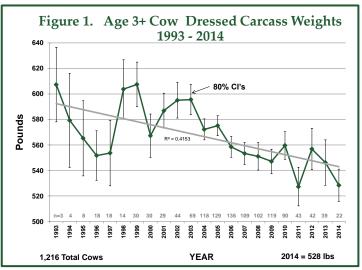


Figure 2 shows that this trend has followed a similar pattern as prime-age cow weights over the last years; increasing in recent years following a deliberate reduction in moose density, but not bouncing back as much as it might have in the absence of heavy winter tick loads.

A central incisor tooth was collected from 131 adult moose in order to establish age data. The average age of adult moose was 3.92 years (Figure 3), and 21% were yearlings, indicating a satisfactory recruitment rate of calves born in 2013. Forty-one percent of adults were 4 years or older, which is well above the minimum goal of 25% as called for in the 10-year Big Game Plan. The oldest cow was 13 years old, and the oldest bull was 11 years old.

Town of Kill

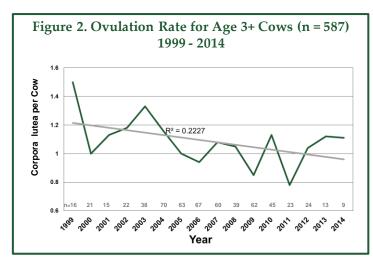
Moose were taken in 66 different towns. The towns with the highest harvests were Eden (10), Bloomfield (8), Averill (7), and Albany, Brighton, and Westfield (5 each). Figure 4 shows the geographic distribution of the moose harvest by township and WMU.

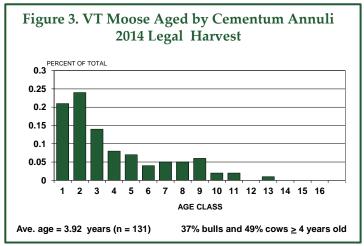
Scouting

Moose hunter surveys were returned by 151 of the 288 permittees, 140 (93%) of whom reported that they scouted prior to the hunting season. Average time spent scouting was 32 hours/ hunting party, and the average number of moose seen per hour scouted was 0.056, or approximately 1 moose seen for every 18 hours of scouting effort. A comparison of scouting data between WMUs and previous years is presented in Table 6.

Hunter Success

Fifty-one and 67% of resident and non-resident permits, respectively, were successfully filled. The 16 successful non-resident permittees hailed from 8 different states as follows: New York (5), Pennsylvania (3), New Hampshire (2),





Wisconsin (2), and one each from Massachusetts, Michigan, New Jersey, and New Mexico. Subpermittees took 23 (15%) of the moose killed. All but two moose were taken with a rifle; one was taken with a muzzleloader and one was taken with a bow. Physical measurements from harvested moose are shown in Table 7 (males) and Table 8 (females).

Overall, 124 hunters were unsuccessful, and 62 (50%) of them returned a survey. Fourteen percent of these unsuccessful hunters did not hunt all available days. The number of days hunted by the 62 respondents is shown in Table 9.

Twenty-two (35%) of the responding unsuccessful hunters saw a total of 51 moose, 20 (2 bulls, 12 cows, and 6 calves) of which were passed up by 9 hunters who believed they could have taken a moose.

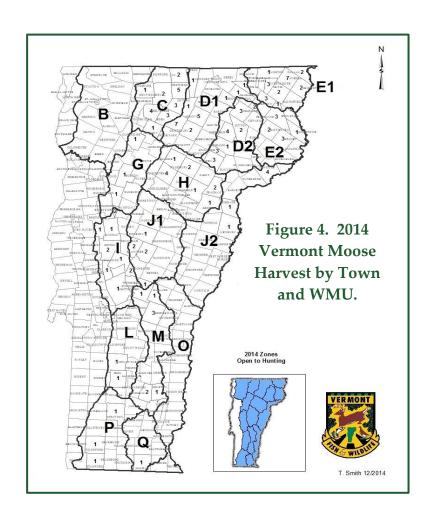


TABLE 6. MOOSE SEEN PER HOUR SCOUTED BY 140 HUNTERS WHO SCOUTED PRIOR TO THE 2014 VERMONT MOOSE SEASON

| WMU | Number Scouting | Moose Seen | Hours Scouted | Moose/Hr Scouted 2014 | MSHS 2013 | MSHS 2012 | MSHS 2011 | Hours/ Hunter Scouting |
|--------|--------------------|---------------|------------------|-----------------------------|--------------|--------------|--------------|------------------------------|
| B/C | 10 | 4 | 194 | 0.021 | 0.03 | 0.13 | 0.11 | 19.4 |
| D1 | 18 | 18 | 607 | 0.030 | 0.05 | 0.06 | 0.05 | 33.7 |
| D2 | 17 | 36 | 594 | 0.061 | 0.07 | 0.14 | 0.09 | 34.9 |
| E1 | 20 | 68 | 503 | 0.135 | 0.08 | 0.13 | 0.09 | 25.2 |
| E2 | 12 | 19 | 367 | 0.052 | 0.09 | 0.09 | 0.09 | 30.6 |
| G | 3 | 4 | 127 | 0.031 | 0.06 | 0.01 | 0.02 | 42.3 |
| Н | 13 | 23 | 382 | 0.060 | 0.02 | 0.05 | 0.04 | 29.4 |
| I | 10 | 14 | 379 | 0.037 | 0.11 | 0.07 | 0.06 | 37.9 |
| J1 | 5 | 6 | 141 | 0.043 | 0.04 | 0.02 | 0.09 | 28.2 |
| J2 | 5 | 5 | 270 | 0.019 | 0.02 | 0.02 | 0.02 | 54.0 |
| L | 2 | 1 | 74 | 0.014 | 0.04 | 0.05 | 0.06 | 37.0 |
| M/O | 16 | 36 | 438 | 0.082 | 0.04 | 0.20 | 0.06 | 27.4 |
| Р | 7 | 10 | 363 | 0.028 | 0.02 | 0.01 | 0.02 | 51.9 |
| Q | 2 | 10 | 82 | 0.122 | 0.04 | 0.02 | 0.10 | 41.0 |
| Totals | 140 | 254 | 4,521 | 0.056 | 0.053 | 0.079 | 0.066 | 32.3 |

TABLE 7. 2014 VERMONT MOOSE LEGAL HARVEST DATA – BULLS ONLY

| LAST NAME | WMU | TOWN of KILL | AGE | WGT | BEAM | PTS/L | PTS/R | SPREAD |
|------------------|-----|--------------|------|------|------|-------|-------|--------|
| ACKLEY | M | STOCKBRIDGE | 9 | 593 | 49 | 5 | 6 | 39 |
| ADAMS | D2 | WHEELOCK | 1 | 482 | 44 | 4 | 4 | 30.5 |
| ALDRICH | I | RIPTON | 1 | 463 | 37.5 | 2 | 3 | 30 |
| AUGERI | D2 | WALDEN | 2 | 611 | 44.5 | 3 | 4 | 30 |
| BADOR | Н | WORCESTER | 3 | 646 | 48 | 7 | 7 | 39.5 |
| BARNES | E1 | BLOOMFIELD | 2 | 502 | 42.5 | 3 | 4 | 37 |
| BARTOCK | J2 | CONCORD | 99.9 | 9999 | | 99 | 99 | 99.9 |
| BAXTER | С | JAY | 2 | 522 | 35.5 | 1 | 1 | 19 |
| BENOIT | С | MONTGOMERY | 1 | 466 | 29 | 2 | 2 | 22 |
| BISHOP | Н | PEACHAM | 2 | 512 | 42.5 | 6 | 4 | 28 |
| BIXBY | J2 | CONCORD | 99.9 | 851 | | 99 | 99 | 99.9 |
| BLAKE | D2 | WALDEN | 3 | 751 | 50.5 | 10 | 9 | 47 |
| BOYER | E1 | BLOOMFIELD | 2 | 535 | 43 | 5 | 5 | 30 |
| BOYER | E1 | BLOOMFIELD | 2 | 595 | 47 | 5 | 6 | 31.5 |
| BUTLER | I | RIPTON | 1 | 385 | 25 | 1 | 0 | 99.9 |
| CALLAHAN | С | EDEN | 2 | 545 | 39.5 | 4 | 3 | 33 |
| CALLAHAN | D2 | WESTMORE | 2 | 502 | 42 | 3 | 2 | 25.5 |
| CANDREVA | С | WESTFIELD | 1 | 461 | 32 | 2 | 2 | 25.5 |
| CARPENTER-OHEARN | P | STRATTON | 2 | 503 | 37.5 | 2 | 2 | 31 |
| COFFEY | E2 | GRANBY | 9 | 774 | 60 | 7 | 7 | 52.5 |
| COHEN | Н | WORCESTER | 1 | 392 | 29.5 | 99 | 99 | 20 |
| CROSBY | D1 | EDEN | 1 | 428 | 32 | 3 | 3 | 25 |
| CROSS | G | HUNTINGTON | 5 | 751 | 51 | 7 | 6 | 46 |
| CULVER | E2 | EAST HAVEN | 5 | 725 | 57.5 | 6 | 10 | 44 |
| DECKER | J2 | CONCORD | 3 | 767 | 53.5 | 6 | 7 | 43 |
| DEWEY | P | WOODFORD | 99.9 | 9999 | | 99 | 99 | 99.9 |
| DISORDA | M | BRIDGEWATER | 3 | 618 | 41.5 | 5 | 5 | 32.5 |
| DOOLEY | M | BARNARD | 3 | 588 | 40 | 3 | 3 | 33.5 |
| EZEQUELLE | C | WESTFIELD | 8 | 731 | 58.5 | 8 | 7 | 50 |
| FARQUHARSON | J2 | RYEGATE | 2 | 702 | 49 | 9 | 8 | 43 |
| FYNN | D1 | ALBANY | 2 | 548 | 41.5 | 4 | 3 | 24.5 |
| GATSKI | D2 | STANNARD | 4 | 745 | 55 | 7 | 6 | 48 |
| GERAW | E1 | CANAAN | 0.5 | 238 | | 99 | 99 | 99.9 |
| GOODRICH | E1 | BLOOMFIELD | 6 | 804 | 63 | 11 | 8 | 47 |
| GRACIE | I | BUEL'S GORE | 10 | 693 | 58.5 | 9 | 7 | 48 |
| GRANT | С | BELVIDERE | 0.5 | 230 | | 99 | 99 | 99.9 |
| GRAVES | E1 | NORTON | 3 | 654 | 48 | 7 | 6 | 41.5 |
| GUILMETTE | С | MONTGOMERY | 3 | 755 | 50 | 6 | 5 | 45.5 |
| HALPIN | G | CAMBRIDGE | 2 | 469 | 37.5 | 3 | 2 | 27 |
| HAMPSHIRE | M | GRAFTON | 4 | 688 | 52.5 | 10 | 8 | 41.5 |
| HAZARD | E1 | AVERY'S GORE | 7 | 560 | 45 | 5 | 5 | 39 |

TABLE 7. 2014 VERMONT MOOSE LEGAL HARVEST DATA – BULLS ONLY

| LAST NAME | WMU | TOWN of KILL | AGE | WGT | BEAM | PTS/L | PTS/R | SPREAD |
|--------------|-----|---------------|------|------|------|-------|-------|--------|
| HELMS | D1 | CHARLESTON | 2 | 490 | 45 | 3 | 6 | 28 |
| HENNESSY | E2 | MAIDSTONE | 10 | 749 | 59.5 | 5 | 8 | 46 |
| HILL | E1 | AVERILL | 7 | 741 | 50.5 | 5 | 5 | 44 |
| HULBERT | E1 | AVERILL | 2 | 620 | 48 | 7 | 5 | 37 |
| HULLIBERGER | E1 | BLOOMFIELD | 2 | 625 | 39.5 | 2 | 3 | 31 |
| IGNASZEWSKI | E2 | FERDINAND | 7 | 768 | 55 | 4 | 5 | 50 |
| JACKSON | E1 | AVERILL | 3 | 605 | 43 | 3 | 4 | 28 |
| JOHNSON | J1 | GRANVILLE | 9 | 732 | 55 | 73 | 11 | 60.5 |
| JONES | I | BRISTOL | 2 | 505 | 44.5 | 5 | 5 | 38 |
| JONES | D1 | BROWNINGTON | 9 | 726 | 57.5 | 8 | 9 | 47 |
| KANITZ | I | HANCOCK | 99.9 | 641 | 55 | 9 | 8 | 49 |
| KELLEY | L | MT TABOR | 11 | 646 | 60.5 | 7 | 5 | 45 |
| KENNEDY | M | BRIDGEWATER | 5 | 728 | 57 | 6 | 5 | 43.5 |
| LADUE | С | EDEN | 6 | 693 | 51.5 | 11 | 6 | 42.5 |
| LANCE | E2 | GRANBY | 99.9 | 665 | | 99 | 99 | 99.9 |
| LANFEAR | D1 | EDEN | 1 | 438 | 33.5 | 2 | 2 | 21 |
| LANGEVIN | Н | WORCESTER | 7 | 710 | 50 | 3 | 3 | 35 |
| LEMIEUX | E1 | LEWIS | 11 | 783 | 53.5 | 7 | 7 | 51 |
| LEROUX | D1 | ALBANY | 3 | 370 | 24 | 1 | 1 | 99.9 |
| LEROUX | D1 | ALBANY | 3 | 713 | 52 | 8 | 6 | 48 |
| LUMBRA | С | ENOSBURG | 2 | 9999 | 47.5 | 6 | 5 | 38.5 |
| MACKENZIE | E1 | BLOOMFIELD | 3 | 743 | 49 | 3 | 5 | 42.5 |
| MARTIN | I | CHITTENDEN | 1 | 508 | 44.5 | 2 | 2 | 22.5 |
| MERRIL | Q | HALIFAX | 2 | 570 | 40.5 | 4 | 4 | 33.5 |
| MEUNIER | С | LOWELL | 3 | 610 | 49 | 6 | 4 | 35.5 |
| MICKNAK | D1 | TROY | 8 | 649 | 53.5 | 4 | 5 | 43.5 |
| MOORE | E1 | BLOOMFIELD | 3 | 684 | 47.5 | 7 | 6 | 34.5 |
| MORAN | E1 | AVERY'S GORGE | 5 | 602 | 47 | 5 | 2 | 28 |
| NORRIS | D1 | EDEN | 1 | 413 | 32 | 1 | 2 | 19.5 |
| NOVATNY | J1 | STOCKBRIDGE | 7 | 672 | 51.5 | 5 | 7 | 41 |
| ORVIS | I | BUEL'S GORE | 2 | 587 | 49.5 | 4 | 4 | 35 |
| PATTEN | D2 | STANNARD | 2 | 392 | 34 | 2 | 2 | 21.5 |
| PATTERSON | J2 | CONCORD | 4 | 724 | 54 | 6 | 4 | 40.5 |
| PERRY | J1 | BRAINTREE | 6 | 825 | 58.5 | 9 | 10 | 57 |
| PIDGEON | E1 | LEWIS | 1 | 330 | 22 | 1 | 1 | 99.9 |
| POIRIER | D1 | LOWELL | 5 | 804 | 54 | 8 | 10 | 48.5 |
| RHODE | P | STAMFORD | 2 | 442 | 41 | 2 | 2 | 27 |
| ROMERO | E1 | AVERILL | 4 | 445 | 35.5 | 2 | 2 | 24.5 |
| SCOTT | Н | PEACHAM | 99.9 | 627 | | 99 | 99 | 99.9 |
| SICARD | D2 | SUTTON | 5 | 622 | 50.5 | 5 | 7 | 26.5 |
| SINGLETON SR | Н | WORCESTER | 2 | 578 | 38.5 | 2 | 2 | 22 |

TABLE 7. 2014 VERMONT MOOSE LEGAL HARVEST DATA – BULLS ONLY

| LAST NAME | WMU | TOWN of KILL | AGE | WGT | BEAM | PTS/L | PTS/R | SPREAD |
|-----------|-----|--------------|-----|------|------|-------|-------|--------|
| SLOCUM | J1 | ROXBURY | 3 | 604 | 44.5 | 3 | 4 | 31.5 |
| SMITH | Н | WOODBURY | 8 | 734 | 60.5 | 5 | 6 | 46.5 |
| SPAULDING | E2 | GRANBY | 1 | 530 | 41 | 4 | 3 | 27.5 |
| SULLIVAN | D2 | SHEFFIELD | 7 | 793 | 63 | 12 | 11 | 53 |
| SUTTON | С | WESTFIELD | 1 | 363 | 22.5 | 2 | 2 | 11 |
| TATRO | E1 | BRIGHTON | 1 | 414 | 30.5 | 1 | 1 | 18.5 |
| TETREAULT | E1 | FERDINAND | 1 | 422 | 29.5 | 1 | 1 | 17 |
| THOMSON | J1 | GRANVILLE | 11 | 787 | 57 | 8 | 6 | 62 |
| TURCO | I | ROCHESTER | 8 | 691 | 56.5 | 6 | 6 | 47 |
| VILCHUCK | С | JAY | 2 | 608 | 44.5 | 4 | 4 | 28 |
| WALCOTT | D2 | SHEFFIELD | 1 | 571 | 41 | 5 | 4 | 27 |
| WARD | D2 | BRIGHTON | 8 | 736 | 51.5 | 8 | 8 | 43 |
| WHITE | D1 | ALBANY | 1 | 480 | 38 | 3 | 2 | 26.5 |
| WILSON | С | WESTFIELD | 2 | 529 | 39.5 | 4 | 4 | 31 |
| WOODARD | G | BOLTON | 3 | 616 | 45 | 2 | 3 | 27.5 |
| ZULLO | D1 | EDEN | 1 | 9999 | 34.5 | 2 | 3 | 27 |

Weight is carcass weight completely dressed in lbs., Beam is in millimeters, Pts. /Left and Right are number of points at least 1 inch long, Spread is in inches measured to the nearest half-inch. Age is cementum age except for 0.5 is a calf aged by tooth replacement at department-operated check station; 99, 99.9 and 9999 = unknown or missing data.

TABLE 8. 2014 VERMONT MOOSE LEGAL HARVEST DATA-FEMALES ONLY

| LAST NAME | WMU | TOWN of KILL | WGT | AGE | OVARIES | CL1 | CL2 | TOTALCL |
|-------------|-----|--------------|------|------|---------|-----|-----|---------|
| ANTONE | E1 | BRIGHTON | 467 | 5 | NO | 0 | | |
| BILLINGS | I | ROCHESTER | 528 | 8 | NO | 0 | | |
| BOUCHER | E1 | LEMINGTON | 237 | 0.5 | N/A | | | |
| BOUTIN | С | LOWELL | 478 | 9 | NO | | | |
| CARON | D1 | EDEN | 511 | 9 | YES | 1 | 0 | 1 |
| CHAREST | E1 | CANAAN | 638 | 13 | YES | 1 | 1 | 2 |
| COTE | D2 | SUTTON | 537 | 99.9 | NO | | | |
| DRISCOLL | E1 | BRIGHTON | 175 | 0.5 | N/A | | | |
| ECKHARDT | L | PERU | 9999 | 5 | NO | | | |
| ELWOOD | E2 | FERDINAND | 399 | 1 | YES | 0 | 0 | 0 |
| ENGELBERTH | E1 | AVERILL | 9999 | 0.5 | N/A | | | |
| FARQUHARSON | Н | GROTON | 558 | 2 | NO | | | |
| FLOOD | D2 | BRIGHTON | 553 | 8 | YES | 1 | 0 | 1 |
| FOURNIER | D2 | SHEFFIELD | 594 | 2 | YES | 1 | 0 | 1 |
| GRANT | C | BELVIDERE | 570 | 4 | NO | | | |
| GREGOIRE | С | LOWELL | 9999 | 99.9 | NO | | | |
| HOLT | Н | MARSHFIELD | 450 | 3 | NO | | | |

TABLE 8. 2014 VERMONT MOOSE LEGAL HARVEST DATA-FEMALES ONLY

| LAST NAME | WMU | TOWN of KILL | WGT | AGE | OVARIES | CL1 | CL2 | TOTALCL |
|------------|-----|--------------|------|------|---------|-----|-----|---------|
| HOWARTH | M | WINDHAM | 211 | 0.5 | N/A | | | |
| HUMPHREY | M | WINDHAM | 551 | 3 | NO | | | |
| JEWELL | I | LINCOLN | 507 | 9 | YES | 1 | 0 | 1 |
| JONES | J2 | NEWBURY | 661 | 99.9 | NO | | | |
| LAFOUNTAIN | С | BELVIDERE | 433 | 3 | NO | 0 | | |
| LAMB | С | EDEN | 510 | 1 | YES (1) | 1 | 0 | 1 |
| LAMELL | D | WALDEN | 9999 | 1 | YES | 0 | 0 | 0 |
| LAMERE | E1 | AVERY'S GORE | 431 | 1 | YES | 0 | 0 | 0 |
| LEFEBVRE | С | TROY | 551 | 4 | NO | | | |
| LEMIRE | E1 | BLOOMFIELD | 437 | 1 | NO | | | |
| MCGANN III | I | GOSHEN | 462 | 1 | NO | | | |
| MORIN | D1 | EDEN | 428 | 2 | YES | 0 | 0 | 0 |
| MULHERON | D2 | WESTMORE | 423 | 1 | NO | | | |
| OHEAR | Н | ELMORE | 282 | 2 | YES | 0 | 0 | 0 |
| PARKER | E1 | LEMINGTON | 522 | 2 | YES | 1 | 0 | 1 |
| PERRIN | E2 | FERDINAND | 284 | 1 | NO | | | |
| PERSONS | С | BELVIDERE | 449 | 1 | YES | 0 | 0 | 0 |
| PETERS | E1 | AVERILL | 574 | 9 | YES | 1 | 0 | 1 |
| PRONTO | D1 | EDEN | 500 | 7 | NO | 0 | | |
| PUTNAM | M | BRIDGEWATER | 520 | 10 | YES | 1 | 0 | 1 |
| RICHARD | D1 | ALBANY | 648 | 99.9 | NO | | | |
| SHOLAN | D2 | STANNARD | 578 | 4 | NO | | | |
| SMITH | E2 | EAST HAVEN | 472 | 1 | YES | 0 | 0 | 0 |
| SMITH III | Н | WOODBURY | 525 | 6 | YES | 1 | 0 | 1 |
| STERLING | E1 | BLOOMFIELD | 527 | 2 | YES | 1 | 0 | 1 |
| TILLOTSON | С | JOHNSON | 488 | 2 | NO | | | |
| VANHOUWE | D2 | WESTMORE | 531 | 2 | NO | | | |
| WALKER | E1 | AVERILL | 566 | 4 | NO | | | |
| WATERHOUSE | D1 | CRAFTSBURY | 239 | 0.5 | N/A | | | |
| WELCH | D2 | SHEFFIELD | 222 | 0.5 | N/A | | | |
| WHIPPLE | D1 | CRAFTSBURY | 529 | 4 | NO | | | |
| WHITTEMORE | D1 | MORGAN | 545 | 5 | YES | 1 | 0 | 1 |
| WILSON | С | WESTFIELD | 528 | 4 | NO | | | |

Weight is carcass weight completely dressed in pounds; Total CL is number of corpora lutea; Age is cementum age except for 0.5 is a calf aged by tooth replacement; 99.9 and 9999 = unknown or missing data.

TABLE 9. NUMBER OF DAYS HUNTED BY 62 UNSUCCESSFUL HUNTERS

| Days Hunted | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------------|---|---|---|---|---|----|----|
| Number of Respondents | 0 | 1 | 0 | 2 | 6 | 11 | 42 |

