

2015 Hunter Harvest Survey Results

The Ministry of Environment would like to extend a 'thank you' to all the hunters who participated in the 2015 Hunter Harvest Survey. The information you provide is an important part of wildlife management in Saskatchewan and each survey contributes to a better understanding of how game populations are responding to current management strategies. The more surveys that are completed, the more certain we can be of outcomes in each management zone.

Response rates for 2015 varied from 14 to 38 per cent, depending on species and licence type – the average for all licence types combined was 20 per cent. The ministry encourages all hunters to ensure their HAL profile contains their most current email address so that reminder messages are delivered. After completing your surveys, reminder messages are suspended.

Below are the results of the 2015 Hunter Harvest Survey, separated by licence type*. Because surveys are not mandatory, we estimate harvest for all hunters from the limited sample of survey responses we receive. Confidence intervals**, reported below, represent the uncertainty in making an estimate of total harvest from a limited number of hunter surveys.

The more survey responses we receive, the narrower these confidence intervals are, and the more confident we can be in our harvest estimates.

For more information about the annual Hunter Harvest Survey, please contact the Ministry of Environment at Centre.Inquiry@gov.sk.ca or by calling the Client Service Office toll free at 1-800-567-4224.

Updated: May 17, 2016

* Please note that estimated harvest totals for big game may not equal the sum of the estimated harvest structure due to rounding.

**Confidence intervals indicate a range of values in which the actual total harvest will be contained 95 per cent of the time, over the long run, assuming random sampling error. We used Agresti-Coull method corrected for finite populations to calculate the intervals.

2015 Hunter Harvest Survey Results for Regular Big Game Licences

Species	Licence Type	Wildlife	Licenses	Number	Harvest	Estimated Harvest	Estimated Harvest Structure
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		Management Zone*	Issued	of Responses	Success	(95% Confidence Interval)	Adult Male	Adult Female	Young of the Year
White-tailed Deer	Saskatchewan Resident White-tailed Deer	All zones combined.	38,480	7,722	52%	19,424 (19,784-20,569)	15,772	3,259	444
Elk	Saskatchewan Resident Elk	All zones combined.	6,287	1,497	28%	1,671 (1,617-1,873)	974	504	193
Mule Deer	Saskatchewan Resident Archery Mule Deer	All zones combined.	2,665	735	20%	486 (471-612)	421	58	7

*Results from all zones are combined because regular licences are valid in multiple zones.

2015 Hunter Harvest Survey Results for Game Bird Licences (Estimates)

Sharp-tailed Grouse			Gray Partridge			Ring-necked Pheasant		
Hunters	Birds Harvested	Days Hunted	Hunters	Birds Harvested	Days Hunted	Hunters	Birds Harvested	Days Hunted
7,076	14,761	36,371	5,575	13,547	24,920	5,274	23,575	22,415

Ruffed Grouse			Spruce Grouse		
Hunters	Birds Harvested	Days Hunted	Hunters	Birds Harvested	Days Hunted
10,799	43,782	54,993	2,683	8,338	15,001

Draw Moose Either-Sex

WMZ	Licenses issued	Survey Responses	Harvest Success	Estimated Harvest	Harvest 95% Confidence Interval	Estimated Harvest Structure		
						Bulls	Cows	Calves
1	20	3	0.33	7	2 to 16	7	0	0
2E	14	5	0.8	11	6 to 13	3	6	3
4	12	3	0.67	8	3 to 11	8	0	0
5	10	3	0.67	7	2 to 9	7	0	0
6	76	24	0.92	70	57 to 73	51	16	3
8	10	4	1	10	5 to 10	8	2	0
10	14	8	0.5	7	4 to 10	5	2	0
12	15	7	0.86	13	8 to 14	9	4	0
13	14	7	1	14	9 to 14	12	0	2
14E	14	3	1	14	6 to 14	14	0	0

14W	10	3	1	10	4 to 10	10	0	0
15	10	4	1	10	5 to 10	10	0	0
16	41	17	1	41	33 to 41	39	2	0
17	52	19	0.89	47	36 to 49	39	0	8
18	26	13	1	24	20 to 26	14	6	4
19	36	13	0.77	28	19 to 32	17	11	0
21	78	31	1	78	69 to 78	68	5	5
22	75	28	1	75	65 to 75	67	8	0
23	75	36	0.94	69	62 to 73	54	13	2
24	49	18	0.94	46	37 to 48	30	11	5
25	35	13	1	35	27 to 35	32	3	0
26	36	10	1	36	25 to 37	32	4	0
27	35	10	1	35	24 to 36	28	7	0
28	33	14	1	33	26 to 33	28	2	2
29	38	16	0.81	31	23 to 34	21	10	0
30	40	18	0.94	38	30 to 39	25	11	2
32	15	4	1	15	7 to 15	15	0	0
33	116	39	0.79	89	76 to 101	71	12	6
34	128	43	0.91	116	102 to 122	110	6	0
35	25	12	0.83	21	15 to 23	17	2	2
36	25	3	0.67	17	6 to 23	8	0	8
37	44	19	0.89	37	30 to 42	30	5	2
38	35	9	1	35	24 to 36	31	4	0
39	60	20	1	60	50 to 60	54	6	0
40	50	10	0.9	45	30 to 49	40	5	0
41	58	13	0.92	54	38 to 57	50	4	0
42E	90	26	0.96	87	73 to 89	73	14	0
42W	58	26	0.96	56	48 to 57	45	11	0
44	38	12	1	38	28 to 38	25	13	0
45E	45	13	0.92	38	29 to 44	31	7	0
45W	61	24	0.88	53	43 to 57	50	3	0

46	90	36	0.94	85	74 to 88	58	20	8
47	60	14	0.86	51	36 to 57	38	13	0
48	198	53	0.91	179	159 to 188	131	41	7
49	171	45	0.62	106	85 to 125	68	30	8
52	25	7	0.71	18	10 to 22	7	7	4
53	74	29	0.72	54	42 to 61	31	13	10
54	73	25	0.92	67	55 to 70	44	20	3
56	128	39	0.49	59	46 to 79	26	23	10
57	46	18	0.56	26	18 to 33	16	10	0
58	23	7	0.43	10	5 to 16	3	7	0
59	118	37	0.5	57	44 to 74	38	19	0
60	57	16	0.38	21	12 to 33	18	0	4
61	25	10	0.33	8	4 to 15	3	5	0
62	50	13	0.38	19	10 to 31	15	4	0
63	45	20	0.15	7	4 to 15	5	0	2
64	47	26	0.24	11	8 to 18	9	2	0
65	46	21	0.26	11	7 to 21	2	7	2
66	49	13	0.5	23	14 to 35	12	8	4
67	96	28	0.59	55	42 to 70	28	28	0
68S	51	17	0.65	33	23 to 40	21	9	3
DM	39	16	0.73	27	20 to 33	17	7	2
FLC	199	62	0.84	167	147 to 178	109	39	19
GP	23	6	0.67	15	8 to 20	15	0	0
RWMZ	72	38	0.45	32	25 to 40	15	8	9
SWMZ	25	10	0.33	8	4 to 15	8	0	0

Draw Moose Antlerless

WMZ	Licenses issued	Survey Responses	Harvest Success	Estimated Harvest	Harvest 95% Confidence Interval	Estimated Harvest Structure		
						Bulls	Cows	Calves
1A	26	3	0.67	17	6 to 24	0	0	17
2EA	9	3	0.33	3	1 to 7	0	3	0
4A	7	5	0.75	4	3 to 6	0	4	0
5A	10	4	1	10	5 to 10	0	8	2
13A	12	2	0.5	6	1 to 11	0	0	6
14EA	18	7	0.67	10	6 to 15	0	10	0
16A	25	7	1	25	16 to 25	0	25	0
17A	48	16	1	48	38 to 48	0	27	21
18A	30	12	0.83	25	17 to 28	0	22	2
19A	37	16	0.75	28	20 to 32	0	21	7
21A	58	23	0.91	53	43 to 55	0	38	15
22A	50	18	1	50	41 to 50	0	39	11
23A	48	23	0.91	44	36 to 46	0	29	15
24A	35	13	0.46	16	10 to 23	0	13	3
25A	24	6	0.67	16	8 to 21	0	16	0
26A	23	10	0.9	21	14 to 22	0	21	0
27A	25	9	1	25	17 to 25	0	22	3
28A	24	10	0.9	22	15 to 23	0	20	2
29A	37	14	0.5	19	12 to 25	0	16	3
30A	38	22	0.9	33	28 to 36	0	28	5
31A	9	1	NA	NA	NA	0	NA	NA
32A	29	14	1	29	23 to 29	0	19	10
33A	235	83	0.46	105	88 to 128	0	74	31
34A	215	72	0.9	188	176 to 202	0	125	63
35A	59	16	0.94	55	42 to 58	0	44	11

36A	25	10	0.7	18	11 to 21	0	10	8
37A	97	40	0.88	85	73 to 90	0	63	22
38A	40	15	0.93	37	28 to 39	0	24	13
39A	98	37	0.95	93	81 to 95	0	69	24
40A	72	21	0.95	69	56 to 71	0	59	10
41A	40	11	0.91	36	25 to 39	0	32	4
42EA	137	34	0.85	117	97 to 126	0	81	36
42WA	90	35	0.85	72	64 to 82	0	54	18
44A	39	10	0.9	35	23 to 38	0	27	8
45EA	88	27	0.74	65	51 to 74	0	49	16
45WA	85	27	0.85	72	59 to 78	0	59	13
46A	49	19	0.89	44	34 to 46	0	36	8
47A	78	23	0.82	61	49 to 71	0	47	14
RMZA	24	9	0	0	0 to 8	0	0	0
SMZA	27	13	0.44	8	6 to 19	0	6	2

Draw Elk Either-Sex

WMZ	Licenses issued	Survey Responses	Harvest Success	Estimated Harvest	Harvest 95% Confidence Interval	Estimated Harvest Structure		
						Bulls	Cows	Calves
1	11	3	1	11	5 to 11	11	0	0
2	16	7	1	16	10 to 16	16	0	0
6	50	19	0.79	39	30 to 44	34	3	3
7W	13	8	0.88	11	8 to 12	11	0	0
9	31	9	1	31	21 to 31	31	0	0
14E	11	2	1	11	3 to 11	11	0	0

33	92	28	0.56	49	37 to 64	49	0	0
34	25	12	0.67	17	11 to 20	17	0	0
35	9	3	0.67	6	2 to 8	3	3	0
37	60	23	0.83	50	39 to 54	45	3	3
39	49	14	0.79	39	27 to 44	35	4	0
41	10	5	1	10	6 to 10	10	0	0
42E	47	21	0.76	36	28 to 40	27	7	2
42W	25	10	0.8	20	13 to 23	18	0	2
43	48	12	0.82	36	26 to 45	28	8	0
46	25	8	0.88	22	14 to 24	22	0	0
54	94	33	0.45	40	30 to 56	34	3	3
FLC	74	30	0.47	35	25 to 44	22	10	2
GP	47	16	0.54	21	15 to 34	18	3	0

Draw Elk Antlerless

WMZ	Licenses issued	Survey Responses	Harvest Success	Estimated Harvest	Harvest 95% Confidence Interval	Estimated Harvest Structure		
						Bulls	Cows	Calves
1A	27	8	0.14	3	1 to 14	0	3	0
2A	22	13	0.38	8	6 to 12	0	8	0
5A	13	7	0.29	4	2 to 7	0	4	0
6A	43	14	0.17	6	3 to 19	0	6	0
7WA	19	4	0.5	10	3 to 16	0	10	0
13A	10	1	NA	NA	NA	0	NA	NA
14EA	24	9	0.38	8	4 to 16	0	8	0
21A	20	10	0.8	16	11 to 18	0	12	4
22A	24	8	0.75	18	11 to 21	0	15	3
28A	24	9	0.43	8	5 to 17	0	8	0
31A	6	1	NA	NA	NA	0	NA	NA
33A1	151	34	0.21	31	18 to 54	0	22	9

33A2	145	45	0.15	19	12 to 40	0	19	0
34A	84	23	0.27	22	13 to 39	0	22	0
35A	38	10	0.9	34	23 to 37	0	30	4
37A	96	28	0.46	45	31 to 59	0	35	10
39A	119	25	0.48	52	37 to 78	0	28	24
41A	35	8	0.63	22	12 to 29	0	18	4
42EA	49	11	0.36	18	9 to 30	0	18	0
42WA	25	13	0.77	19	14 to 21	0	17	2
43A	66	23	0.39	26	17 to 37	0	17	9
46A	54	17	0.19	10	5 to 22	0	7	3
47A	42	11	0	0	0 to 15	0	0	0
48A	232	54	0.52	116	93 to 147	0	103	13
49A	107	22	0.32	34	20 to 55	0	29	5
50A	49	14	0.71	35	24 to 42	0	32	4
52A	40	11	0.36	15	7 to 25	0	11	4
54A	177	52	0.33	51	40 to 80	0	34	17
55A	87	27	0.4	32	23 to 49	0	22	10
GPA	20	12	0.2	3	2 to 9	0	2	2

Draw Mule Deer Either-Sex

WMZ	Licenses issued	Survey Responses	Harvest Success	Estimated Harvest	Harvest 95% Confidence Interval	Estimated Harvest Structure		
						Bucks	Does	Fawns
1	232	63	0.9	206	188 to 220	199	4	4
2E	137	46	0.96	131	118 to 134	128	3	0
2W	45	15	0.73	33	23 to 39	33	0	0
3	43	18	0.89	38	30 to 41	38	0	0
4	97	35	0.89	86	73 to 91	83	3	0
5	97	15	0.8	78	54 to 89	78	0	0

6	91	20	0.78	64	51 to 81	64	0	0
7E	25	8	1	22	16 to 25	22	0	0
7W	24	2	1	24	7 to 25	24	0	0
8	23	6	0.83	19	10 to 22	19	0	0
9	73	25	0.88	64	52 to 69	64	0	0
10	194	64	0.87	164	151 to 178	155	9	0
11	26	16	0.86	20	17 to 24	20	0	0
12	47	26	0.96	45	39 to 46	45	0	0
13	59	20	0.75	44	33 to 51	41	3	0
14E	33	10	0.5	17	9 to 24	17	0	0
14W	34	12	0.91	28	21 to 33	28	0	0
15	30	12	1	30	22 to 30	30	0	0
16	13	3	0.67	9	3 to 12	9	0	0
17	13	3	1	13	5 to 13	9	4	0
18	30	10	0.9	27	18 to 29	27	0	0
19	95	37	0.89	85	73 to 89	80	5	0
21	74	28	0.85	61	51 to 68	53	5	3
22	73	26	0.92	62	55 to 70	59	0	3
23	66	19	0.89	59	46 to 63	56	3	0
24	188	68	0.8	147	133 to 162	125	22	0
25	70	27	0.81	54	45 to 62	51	3	0
26	94	22	0.95	90	73 to 93	77	13	0
27	75	23	0.87	65	52 to 70	62	3	0
28	47	17	0.88	41	32 to 44	41	0	0
29E	47	22	1	47	40 to 47	43	4	0
29W	48	22	0.95	46	38 to 47	44	2	0
30	38	14	0.93	35	26 to 37	32	3	0
31	9	1	NA	NA	NA	NA	NA	NA
33	15	4	1	15	7 to 15	15	0	0
34	15	11	0.45	7	5 to 9	4	3	0
36	26	7	0.57	15	8 to 21	15	0	0

38	18	5	1	18	10 to 18	18	0	0
39	18	5	0.4	7	3 to 13	7	0	0
40	45	12	0.58	26	16 to 35	22	4	0
41	71	21	0.75	51	39 to 61	41	7	3
42E	47	8	0.57	24	13 to 39	18	6	0
42W	49	13	0.54	26	16 to 36	22	4	0
43	24	10	0.7	17	11 to 20	12	5	0
44	91	31	0.63	50	43 to 69	44	6	0
45E	111	23	0.86	87	73 to 105	77	5	5
45W	92	32	0.6	52	42 to 67	49	3	0
46	186	62	0.68	123	107 to 143	111	12	0
47	142	41	0.61	87	68 to 102	70	14	3
49	25	3	0.67	17	6 to 23	17	0	0
50	9	3	0.67	6	2 to 8	0	6	0
52	46	13	0.85	39	27 to 43	25	11	4
53	34	10	0.89	27	19 to 33	20	7	0
54	93	36	0.79	67	60 to 81	49	13	5
55	38	8	0.29	10	4 to 24	0	10	0
RWMZ	45	17	0.69	29	22 to 37	24	5	0
SWMZ	87	29	0.58	45	36 to 62	42	3	0
