

## 2015/2016 Small Game Harvest Report

The general small game harvest survey was conducted by phone. A sample of 8,000 hunters was drawn from the Harvest Information Program database for this survey. More than 4,000 hunters were surveyed (50% response rate).

The 2015/2016 small game survey includes estimates of hunter numbers, hunt days and harvest for cottontail rabbit, coyote, dusky grouse, pheasant, Walk-In Access (WIA) use and pheasant harvest. It is important to note that the WIA pheasant harvest is not independent from the estimate of total pheasant harvest. Instead, WIA harvest is included within the overall estimate of pheasant harvest. For 2015/2016, approximately 15,700 or 35% of total pheasant harvest (44,568) occurred was estimated to occur on WIA properties.

**County harvest estimates have been replaced by Region-based estimates to reduce the frequency of data reporting errors that commonly occur at the county level.** County-based estimates were commonly developed based on a very small number of hunter responses and were generally accompanied by huge confidence intervals. By asking respondents to report harvest at the larger regionally-based scale, errors in data reporting and standard error estimates are reduced.

Those portions of the report that have frequency designations or are pure percentages are based on the actual number of hunters surveyed and their responses to survey questions. ***The harvest figures are estimates of total harvest extrapolated from survey responses.*** The estimates are followed by the standard error (SE) of the estimate which is a measure of the precision of the estimate. The 95% LCL and 95% UCL columns provide the upper and lower values for the 95% confidence limits around the estimate. For example, we estimated statewide harvest of cottontail rabbits in 2015/2016 at 82,969 with a SE of 8,619. The 95% confidence interval range estimates that between 67,722 and 101,650 cottontail rabbits were harvested during the 2015/2016 small game season. Further, we calculated the coefficient of variation for each statewide harvest estimate, which is a measure of the standard error divided by the harvest estimate.

**Statewide Small Game Species Harvest,  
2015/2016**

Species	Hunters	SE(hunters)	LCL Hunters	UCL Hunters	Days Hunted	SE (Days Hunted)	LCL Days	UCL Days	Harvest	SE(harvest)	LCL Harvest	UCL Harvest	Harvest CV
Cottontail Rabbit	11202	520	10227	12269	78382	7969	64254	95616	82969	8619	67722	101650	10%
Coyote	11142	519	10170	12207	166177	24788	124250	222252	42513	7874	29661	60932	19%
Dusky Grouse	8342	462	7484	9298	40129	3489	33852	47570	17428	1808	14229	21346	10%
Pheasant	13942	564	12881	15092	65214	4466	57031	74571	44568	3455	38295	51869	8%

**2015/2016 Small Game Harvest by County  
Cottontail rabbit (↓)**

Region	Hunters	SE(hunters)	LCL Hunters	UCL Hunters	Days Hunted	SE (Days Hunted)	LCL Days	UCL Days	Harvest	SE(harvest)	LCL Harvest	UCL Harvest
SW	4767	361	4109	5529	35601	6164	25420	49859	33933	6732	23087	49873
NW	3754	324	3171	4444	18113	2357	14051	23349	26604	4088	19720	35891
NE	2562	270	2085	3149	14181	2590	9943	20224	11589	2257	7940	16914
SE	1787	227	1395	2291	10427	2082	7077	15363	10785	2493	6896	16867
Unknown	30	30	6	152	60	60	12	305	60	60	12	305
<b>Total</b>	<b>11202</b>	<b>520</b>	<b>10227</b>	<b>12269</b>	<b>78382</b>	<b>7969</b>	<b>64254</b>	<b>95616</b>	<b>82969</b>	<b>8619</b>	<b>67722</b>	<b>101650</b>

**2015/2016 Small Game Harvest by County  
Coyote (↓)**

Region	Hunters	SE(hunters)	LCL Hunters	UCL Hunters	Days Hunted	SE (Days Hunted)	LCL Days	UCL Days	Harvest	SE(harvest)	LCL Harvest	UCL Harvest
SW	4558	354	3915	5307	71232	17441	44389	114305	17845	5788	9601	33170
SE	2800	282	2300	3410	24221	3847	17776	33002	10695	2479	6830	16747
NE	2920	288	2408	3540	30298	7814	18425	49821	7418	1863	4569	12044
NW	3217	301	2679	3864	40129	12920	21684	74264	6554	1682	3995	10752
Unknown	30	30	6	152	298	298	58	1523	0	0	NA	NA
<b>Total</b>	11142	519	10170	12207	166177	24788	124250	222252	42513	7874	29661	60932

**2015/2016 Small Game Harvest by County  
Dusky (Blue) grouse (↓)**

Region	Hunters	SE(hunters)	LCL Hunters	UCL Hunters	Days Hunted	SE (Days Hunted)	LCL Days	UCL Days	Harvest	SE(harvest)	LCL Harvest	UCL Harvest
NW	4826	363	4165	5593	19752	2349	15658	24916	10248	1387	7870	13345
SW	3962	332	3363	4668	20109	2591	15638	25858	7180	1165	5235	9847
Unknown	60	42	17	208	268	191	77	940	0	0	NA	NA
<b>Total</b>	8342	462	7484	9298	40129	3489	33852	47570	17428	1808	14229	21346

**2015/2016 Small Game Harvest by County  
Pheasant (↓)**

<b>Region</b>	<b>Hunters</b>	<b>SE(hunters)</b>	<b>LCL Hunters</b>	<b>UCL Hunters</b>	<b>Days Hunted</b>	<b>SE (Days Hunted)</b>	<b>LCL Days</b>	<b>UCL Days</b>	<b>Harvest</b>	<b>SE(harvest)</b>	<b>LCL Harvest</b>	<b>UCL Harvest</b>
<b>NE</b>	10904	515	9940	11960	49216	4132	41760	58002	31043	2814	25999	37065
<b>SE</b>	3039	293	2516	3670	9146	1168	7128	11735	9176	1649	6470	13014
<b>NW</b>	1549	212	1186	2023	4290	929	2820	6526	2532	710	1477	4341
<b>SW</b>	804	154	555	1166	2473	654	1485	4116	1787	672	877	3644
<b>Unknown</b>	60	42	17	208	89	67	24	329	30	30	6	152
<b>Total</b>	<b>13942</b>	<b>564</b>	<b>12881</b>	<b>15092</b>	<b>65214</b>	<b>4466</b>	<b>57031</b>	<b>74571</b>	<b>44568</b>	<b>3455</b>	<b>38295</b>	<b>51869</b>



