

National CP33 Monitoring Breeding Season Results (2006-2011)

By Region & Overall

Northern Bobwhite
Dickcissel
Field Sparrow
Eastern Meadowlark
Indigo Bunting
Grasshopper Sparrow
Eastern Kingbird

By State

Northern Bobwhite
Dickcissel
Field Sparrow
Eastern Meadowlark
Indigo Bunting

By Overall Only

Bell's Vireo (AR,MO,NE)
Painted Bunting (AR,MS,SC,TX)
Upland Sandpiper (MO,NE)
Vesper Sparrow (IA,IL,IN,MO,NE,OH)
Scissor-tailed Flycatcher (AR,TX)

****Click on species name and scale above to link directly to results****

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Northern Bobwhite	19-CMP	2006	0.555	0.064	(0.438-0.701)	0.607	0.054	(0.508-0.726)	0.053	9.48%	(-0.111-0.217)
		2007	0.468	0.038	(0.397-0.550)	0.508	0.040	(0.434-0.594)	0.040	8.65%	(-0.067-0.149)
		2008	0.508	0.043	(0.428-0.602)	0.582	0.041	(0.505-0.669)	0.074	14.54%	(-0.042-0.191)
		2009	0.663	0.061	(0.551-0.796)	0.659	0.076	(0.523-0.830)	-0.003	-0.50%	(-0.195-0.188)
		2010	0.371	0.044	(0.293-0.469)	0.495	0.052	(0.401-0.611)	0.124	33.36%	(-0.009-0.257)
		2011	0.222	0.027	(0.175-0.282)	0.182	0.024	(0.140-0.236)	-0.040	-18.14%	(-0.110-0.030)
	22-ETP	2006	0.081	0.030	(0.040-0.162)	0.203	0.110	(0.074-0.549)	0.122	150.06%	(-0.101-0.345)
		2007	0.056	0.010	(0.040-0.079)	0.212	0.053	(0.131-0.343)	0.156	275.79%	(0.051-0.261)
		2008	0.080	0.023	(0.045-0.140)	0.237	0.051	(0.156-0.360)	0.158	197.77%	(0.048-0.267)
		2009	0.130	0.029	(0.084-0.200)	0.350	0.063	(0.246-0.497)	0.220	168.71%	(0.084-0.356)
		2010	0.087	0.020	(0.055-0.136)	0.204	0.039	(0.140-0.295)	0.116	132.71%	(0.031-0.202)
		2011	0.035	0.007	(0.023-0.051)	0.145	0.032	(0.094-0.223)	0.111	320.25%	(0.046-0.175)
	24-CH	2006	0.117	0.019	(0.084-0.161)	0.163	0.020	(0.127-0.208)	0.046	39.51%	(-0.007-0.100)
		2007	0.130	0.020	(0.095-0.176)	0.136	0.023	(0.097-0.190)	0.006	4.81%	(-0.053-0.066)
		2008	0.141	0.020	(0.106-0.188)	0.151	0.018	(0.118-0.192)	0.010	6.81%	(-0.044-0.063)
		2009	0.162	0.021	(0.125-0.209)	0.216	0.029	(0.165-0.282)	0.054	33.12%	(-0.016-0.124)
		2010	0.139	0.020	(0.103-0.185)	0.170	0.022	(0.131-0.220)	0.032	22.90%	(-0.026-0.090)
		2011	0.128	0.019	(0.094-0.172)	0.157	0.020	(0.121-0.204)	0.029	23.05%	(-0.025-0.085)
	26-MAV	2006	0.051	0.016	(0.025-0.100)	0.300	0.100	(0.147-0.609)	0.249	492.06%	(0.050-0.448)
		2007	0.021	0.005	(0.013-0.033)	0.146	0.032	(0.095-0.224)	0.125	592.51%	(0.062-0.188)
		2008	0.015	0.004	(0.008-0.026)	0.149	0.030	(0.100-0.222)	0.134	872.68%	(0.074-0.193)
		2009	0.021	0.005	(0.013-0.033)	0.078	0.019	(0.048-0.125)	0.057	265.69%	(0.019-0.095)
		2010	0.014	0.003	(0.008-0.022)	0.106	0.023	(0.069-0.162)	0.092	656.98%	(0.047-0.137)
		2011	0.011	0.004	(0.005-0.022)	0.042	0.015	(0.021-0.082)	0.031	281.35%	(0.002-0.060)
	27-SCP	2006	0.077	0.008	(0.063-0.093)	0.127	0.012	(0.105-0.151)	0.050	64.33%	(0.022-0.077)
		2007	0.079	0.007	(0.065-0.094)	0.100	0.009	(0.083-0.120)	0.021	26.86%	(-0.002-0.044)
		2008	0.087	0.007	(0.074-0.103)	0.107	0.009	(0.090-0.127)	0.020	23.02%	(-0.002-0.043)
		2009	0.080	0.008	(0.065-0.096)	0.116	0.010	(0.098-0.138)	0.037	45.85%	(0.012-0.061)
		2010	0.071	0.008	(0.057-0.087)	0.090	0.009	(0.074-0.109)	0.019	27.25%	(-0.003-0.042)
		2011	0.067	0.008	(0.053-0.083)	0.094	0.009	(0.076-0.114)	0.027	39.53%	(0.003-0.050)
	Overall	2006	0.107	0.007	(0.101-0.129)	0.220	0.014	(0.193-0.250)	0.113	105.18%	(0.082-0.144)
		2007	0.107	0.006	(0.096-0.119)	0.204	0.014	(0.178-0.232)	0.096	89.50%	(0.067-0.125)
		2008	0.114	0.006	(0.103-0.126)	0.211	0.013	(0.187-0.238)	0.097	85.06%	(0.070-0.125)
		2009	0.112	0.006	(0.100-0.125)	0.230	0.015	(0.201-0.262)	0.117	104.37%	(0.085-0.150)
		2010	0.082	0.005	(0.072-0.092)	0.172	0.012	(0.150-0.196)	0.090	109.00%	(0.065-0.114)
		2011	0.064	0.004	(0.056-0.073)	0.131	0.009	(0.113-0.151)	0.066	102.81%	(0.046-0.087)

National CP33 Monitoring Program Results (2006-2011)

¹19-CMP – Central Mixed-grass Prairie (BCR 19)

²22-ETP – Eastern Tallgrass Prairie (BCR 22)

³24-CH – Central Hardwoods (BCR 24)

⁴26-MAV – Mississippi Alluvial Valley (BCR 26)

⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Northern Bobwhite	Arkansas	2007	0.026	0.008	(0.014-0.048)	0.046	0.011	(0.028-0.075)	0.020	75.84%	(-0.007-0.047)
		2008	0.016	0.005	(0.008-0.031)	0.045	0.011	(0.027-0.074)	0.029	175.40%	(0.005-0.053)
		2009	0.033	0.009	(0.019-0.058)	0.039	0.013	(0.019-0.077)	0.006	17.07%	(-0.026-0.038)
		2010	0.025	0.008	(0.013-0.048)	0.044	0.013	(0.025-0.078)	0.019	74.90%	(-0.010-0.049)
		2011	0.014	0.007	(0.005-0.037)	0.011	0.007	(0.003-0.037)	-0.003	-20.75%	(-0.022-0.017)
	Georgia	2006	0.064	0.012	(0.044-0.092)	0.100	0.015	(0.072-0.136)	0.035	54.80%	(-0.002-0.073)
		2007	0.043	0.009	(0.027-0.065)	0.076	0.013	(0.054-0.105)	0.033	77.50%	(0.002-0.064)
		2008	0.067	0.010	(0.049-0.089)	0.121	0.015	(0.094-0.156)	0.055	82.21%	(0.019-0.090)
		2009	0.063	0.009	(0.047-0.083)	0.117	0.015	(0.089-0.153)	0.054	85.75%	(0.019-0.089)
		2010	0.068	0.012	(0.048-0.096)	0.103	0.014	(0.078-0.135)	0.034	50.40%	(-0.000-0.070)
	Illinois	2011	0.064	0.013	(0.042-0.095)	0.092	0.013	(0.068-0.123)	0.028	43.70%	(-0.008-0.064)
		2006	0.347	0.078	(0.221-0.542)	0.868	0.174	(0.583-1.289)	0.521	149.99%	(0.147-0.894)
		2007	0.322	0.061	(0.219-0.470)	0.960	0.192	(0.646-1.424)	0.638	198.38%	(0.243-1.033)
		2008	0.267	0.053	(0.179-0.397)	0.837	0.166	(0.565-1.239)	0.571	213.80%	(0.229-0.912)
		2009	0.265	0.080	(0.144-0.487)	1.029	0.228	(0.660-1.602)	0.763	288.01%	(0.289-1.238)
	Indiana	2010	0.186	0.045	(0.114-0.302)	0.761	0.140	(0.527-1.098)	0.575	309.41%	(0.286-0.864)
		2011	0.106	0.033	(0.057-0.196)	0.632	0.127	(0.424-0.941)	0.526	495.67%	(0.269-0.782)
		2006	0.099	0.023	(0.062-0.155)	0.306	0.080	(0.184-0.508)	0.208	210.49%	(0.045-0.370)
		2007	0.084	0.019	(0.053-0.130)	0.358	0.118	(0.188-0.681)	0.275	328.38%	(0.040-0.510)
		2008	0.080	0.018	(0.051-0.125)	0.261	0.068	(0.156-0.435)	0.181	225.24%	(0.042-0.319)
	Iowa	2009	0.080	0.016	(0.054-0.119)	0.355	0.092	(0.213-0.588)	0.274	340.65%	(0.091-0.458)
		2010	0.074	0.017	(0.046-0.117)	0.241	0.065	(0.142-0.408)	0.167	225.72%	(0.035-0.299)
		2011	0.054	0.017	(0.028-0.098)	0.218	0.062	(0.125-0.379)	0.164	306.38%	(0.038-0.290)
		2006	0.014	0.005	(0.007-0.027)	0.024	0.006	(0.014-0.040)	0.009	65.00%	(-0.005-0.024)
	Kentucky	2007	0.015	0.005	(0.007-0.030)	0.023	0.007	(0.012-0.042)	0.009	57.90%	(-0.008-0.026)
		2008	0.008	0.004	(0.003-0.019)	0.003	0.002	(0.000-0.011)	-0.005	-66.67%	(-0.013-0.003)
		2009	0.013	0.005	(0.006-0.025)	0.013	0.005	(0.005-0.028)	0.000	1.89%	(-0.013-0.014)
		2010	0.006	0.003	(0.002-0.017)	0.005	0.003	(0.001-0.017)	-0.001	-12.50%	(-0.010-0.009)
		2011	0.003	0.002	(0.000-0.010)	0.014	0.005	(0.006-0.029)	0.012	466.67%	(0.001-0.023)
	Mississippi	2006	0.117	0.038	(0.061-0.220)	0.171	0.043	(0.105-0.278)	0.055	46.88%	(-0.058-0.167)
		2007	0.292	0.098	(0.153-0.557)	0.332	0.091	(0.194-0.566)	0.039	13.47%	(-0.222-0.302)
		2008	0.139	0.036	(0.084-0.230)	0.194	0.054	(0.112-0.333)	0.055	39.33%	(-0.073-0.183)
		2009	0.088	0.034	(0.042-0.183)	0.131	0.030	(0.083-0.204)	0.043	48.27%	(-0.046-0.131)
		2010	0.110	0.025	(0.070-0.172)	0.055	0.017	(0.030-0.099)	-0.056	-50.44%	(-0.115-0.004)
	Missouri	2011	0.062	0.018	(0.034-0.109)	0.234	0.130	(0.084-0.651)	0.173	279.18%	(-0.085-0.431)
		2006	0.030	0.007	(0.019-0.046)	0.213	0.017	(0.182-0.249)	0.183	605.41%	(0.148-0.218)
		2007	0.024	0.005	(0.015-0.037)	0.142	0.010	(0.123-0.164)	0.118	488.24%	(0.095-0.141)
		2008	0.021	0.005	(0.013-0.032)	0.162	0.011	(0.140-0.186)	0.140	659.17%	(0.116-0.164)
		2009	0.013	0.003	(0.008-0.020)	0.085	0.005	(0.075-0.096)	0.072	536.07%	(0.060-0.084)
		2010	0.004	0.001	(0.002-0.006)	0.129	0.008	(0.113-0.147)	0.125	2965.29%	(0.108-0.141)
		2011	0.008	0.002	(0.005-0.013)	0.048	0.003	(0.042-0.054)	0.039	464.35%	(0.033-0.046)
		2006	0.109	0.010	(0.091-0.130)	0.098	0.008	(0.082-0.116)	-0.012	-10.65%	(-0.036-0.014)
		2007	0.085	0.009	(0.067-0.105)	0.079	0.009	(0.062-0.101)	-0.005	-6.31%	(-0.031-0.021)
		2008	0.100	0.011	(0.081-0.124)	0.085	0.009	(0.067-0.106)	-0.016	-15.88%	(-0.044-0.012)
		2009	0.075	0.008	(0.059-0.093)	0.069	0.008	(0.054-0.086)	-0.007	-8.69%	(-0.029-0.016)
		2010	0.066	0.009	(0.050-0.087)	0.074	0.011	(0.055-0.100)	0.008	11.92%	(-0.020-0.036)
		2011	0.046	0.006	(0.035-0.059)	0.039	0.006	(0.028-0.053)	-0.008	-16.58%	(-0.024-0.009)

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⁶29-PIED – Piedmont (BCR 29)

Northern Bobwhite	Nebraska	2007	0.114	0.026	(0.072-0.179)	1.111	0.343	(0.613-2.014)	0.997	874.39%	(0.323-1.671)
		2008	0.140	0.030	(0.090-0.215)	1.620	0.435	(0.963-2.724)	1.480	1057.18%	(0.625-2.336)
		2009	0.088	0.021	(0.054-0.140)	1.103	0.329	(0.620-1.960)	1.015	1155.47%	(0.369-1.660)
		2010	0.052	0.011	(0.034-0.079)	0.530	0.174	(0.281-0.998)	0.478	919.59%	(0.136-0.820)
		2011	0.070	0.012	(0.050-0.098)	0.292	0.090	(0.160-0.530)	0.221	315.46%	(0.043-0.400)
	North Carolina	2007	0.070	0.011	(0.050-0.095)	0.067	0.014	(0.044-0.102)	-0.002	-3.45%	(-0.037-0.033)
		2008	0.094	0.014	(0.070-0.125)	0.084	0.014	(0.060-0.117)	-0.010	-10.62%	(-0.048-0.028)
		2009	0.059	0.010	(0.042-0.081)	0.060	0.011	(0.040-0.088)	0.001	1.56%	(-0.028-0.030)
		2010	0.062	0.012	(0.041-0.092)	0.038	0.006	(0.027-0.054)	-0.024	-38.18%	(-0.050-0.004)
		2011	0.047	0.009	(0.032-0.068)	0.049	0.012	(0.030-0.079)	0.002	4.57%	(-0.026-0.031)
	Ohio	2006	0.050	0.013	(0.030-0.082)	0.043	0.013	(0.023-0.077)	-0.007	-14.94%	(-0.043-0.028)
		2007	0.027	0.009	(0.013-0.053)	0.026	0.008	(0.014-0.046)	-0.001	-3.75%	(-0.024-0.023)
		2008	0.037	0.011	(0.021-0.066)	0.017	0.005	(0.009-0.032)	-0.020	-54.06%	(-0.043-0.004)
		2009	0.023	0.008	(0.012-0.044)	0.043	0.014	(0.022-0.082)	0.020	85.22%	(-0.011-0.051)
		2010	0.018	0.006	(0.008-0.036)	0.014	0.006	(0.006-0.033)	-0.004	-20.82%	(-0.021-0.014)
		2011	0.012	0.005	(0.005-0.025)	0.016	0.006	(0.007-0.034)	0.004	35.71%	(-0.010-0.019)
	South Carolina	2006	0.095	0.018	(0.064-0.139)	0.267	0.066	(0.165-0.432)	0.172	180.41%	(0.038-0.306)
		2007	0.097	0.024	(0.059-0.159)	0.226	0.064	(0.130-0.391)	0.129	132.22%	(-0.005-0.263)
		2008	0.083	0.019	(0.052-0.130)	0.129	0.038	(0.073-0.229)	0.047	56.67%	(-0.036-0.130)
		2009	0.058	0.012	(0.037-0.087)	0.111	0.030	(0.066-0.186)	0.053	92.71%	(-0.009-0.116)
		2010	0.054	0.014	(0.032-0.088)	0.096	0.029	(0.053-0.172)	0.042	77.90%	(-0.020-0.104)
		2011	0.083	0.016	(0.056-0.122)	0.163	0.041	(0.100-0.265)	0.080	95.64%	(-0.005-0.165)
	Tennessee	2006	0.047	0.011	(0.029-0.074)	0.244	0.094	(0.116-0.508)	0.197	422.26%	(0.011-0.383)
		2007	0.056	0.015	(0.033-0.095)	0.252	0.107	(0.112-0.562)	0.196	348.01%	(-0.015-0.407)
		2008	0.032	0.008	(0.019-0.052)	0.157	0.063	(0.073-0.335)	0.125	389.52%	(0.001-0.249)
		2009	0.046	0.016	(0.022-0.091)	0.234	0.097	(0.106-0.511)	0.188	411.95%	(-0.004-0.380)
		2010	0.028	0.010	(0.013-0.057)	0.091	0.037	(0.041-0.197)	0.063	223.88%	(-0.013-0.138)
		2011	0.044	0.015	(0.021-0.088)	0.123	0.054	(0.053-0.281)	0.079	181.07%	(-0.030-0.189)
	Texas	2006	0.795	0.144	(0.558-1.132)	0.668	0.078	(0.530-0.842)	-0.127	-15.99%	(-0.447-0.193)
		2007	0.335	0.042	(0.263-0.427)	0.432	0.052	(0.340-0.548)	0.096	28.72%	(-0.034-0.227)
		2008	0.263	0.036	(0.201-0.342)	0.403	0.047	(0.321-0.506)	0.140	53.50%	(0.026-0.255)
		2009	0.485	0.054	(0.388-0.606)	0.469	0.068	(0.350-0.627)	-0.016	-3.36%	(-0.187-0.155)
		2010	1.445	0.263	(1.012-2.063)	1.977	0.309	(1.455-2.685)	0.532	36.80%	(-0.263-1.327)
		2011	0.342	0.095	(0.199-0.584)	0.189	0.054	(0.108-0.329)	-0.153	-44.67%	(-0.366-0.061)

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			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Dickcissel	19-CMP	2006	0.216	0.053	(0.131-0.354)	0.216	0.073	(0.111-0.419)	0.000	-0.06%	(-0.176-0.177)
		2007	0.524	0.088	(0.374-0.731)	1.431	0.210	(1.071-1.912)	0.908	173.31%	(0.462-1.353)
		2008	0.239	0.052	(0.154-0.368)	0.702	0.137	(0.477-1.032)	0.463	194.18%	(0.176-0.751)
		2009	0.270	0.118	(0.117-0.622)	0.394	0.160	(0.179-0.862)	0.124	45.84%	(-0.265-0.513)
		2010	0.544	0.116	(0.356-0.830)	0.756	0.171	(0.484-1.180)	0.212	38.97%	(-0.192-0.617)
		2011	0.388	0.117	(0.214-0.700)	0.746	0.187	(0.454-1.224)	0.359	92.55%	(-0.073-0.791)
	22-ETP	2006	0.227	0.030	(0.174-0.295)	0.394	0.056	(0.297-0.521)	0.167	73.67%	(0.041-0.293)
		2007	0.333	0.043	(0.258-0.428)	0.477	0.067	(0.362-0.627)	0.145	43.45%	(-0.011-0.300)
		2008	0.450	0.051	(0.360-0.560)	0.815	0.108	(0.627-1.057)	0.365	81.21%	(0.131-0.5995)
		2009	0.451	0.062	(0.343-0.591)	0.867	0.129	(0.647-1.160)	0.416	92.22%	(0.135-0.697)
		2010	0.523	0.071	(0.401-0.682)	0.862	0.118	(0.659-1.126)	0.338	64.63%	(0.069-0.607)
		2011	0.393	0.045	(0.314-0.492)	0.617	0.080	(0.478-0.794)	0.223	56.70%	(0.044-0.403)
	24-CH	2006	0.304	0.085	(0.176-0.524)	0.524	0.133	(0.317-0.864)	0.219	72.15%	(-0.090-0.529)
		2007	0.328	0.094	(0.187-0.572)	0.740	0.147	(0.500-1.093)	0.412	125.72%	(0.071-0.753)
		2008	0.580	0.141	(0.361-0.932)	0.891	0.167	(0.615-1.289)	0.311	53.58%	(-0.117-0.739)
		2009	0.457	0.126	(0.268-0.780)	0.652	0.131	(0.439-0.969)	0.195	42.62%	(-0.160-0.551)
		2010	0.457	0.124	(0.269-0.773)	0.743	0.170	(0.472-1.167)	0.286	62.67%	(-0.126-0.699)
		2011	0.614	0.145	(0.387-0.971)	0.848	0.146	(0.602-1.192)	0.234	38.12%	(-0.169-0.637)
	26-MAV	2006	0.827	0.286	(0.395-1.730)	2.647	1.043	(1.152-6.080)	1.820	220.12%	(-0.299-3.940)
		2007	0.834	0.138	(0.599-1.160)	3.057	0.459	(2.268-4.119)	2.223	266.59%	(1.283-3.163)
		2008	1.239	0.165	(0.950-1.614)	4.003	0.478	(3.16-5.070)	2.764	223.14%	(1.774-3.754)
		2009	0.969	0.163	(0.692-1.354)	4.494	0.542	(3.538-5.705)	3.525	363.87%	(2.416-4.634)
		2010	1.029	0.165	(0.747-1.416)	5.239	0.607	(4.164-6.591)	4.211	409.22%	(2.977-5.444)
		2011	0.525	0.084	(0.381-0.722)	3.608	0.389	(2.914-4.467)	3.083	586.76%	(2.303-3.863)
	27-SCP	2006	0.141	0.038	(0.083-0.240)	0.236	0.071	(0.130-0.424)	0.094	66.67%	(-0.064-0.253)
		2007	0.101	0.030	(0.056-0.181)	0.184	0.054	(0.103-0.326)	0.083	82.47%	(-0.037-0.204)
		2008	0.119	0.036	(0.065-0.215)	0.192	0.052	(0.113-0.325)	0.074	62.33%	(-0.049-0.198)
		2009	0.168	0.043	(0.102-0.277)	0.207	0.055	(0.123-0.347)	0.039	23.08%	(-0.097-0.175)
		2010	0.102	0.034	(0.053-0.193)	0.221	0.060	(0.129-0.376)	0.119	116.77%	(-0.016-0.254)
		2011	0.197	0.037	(0.135-0.287)	0.256	0.057	(0.164-0.398)	0.059	29.93%	(-0.075-0.193)
	Overall	2006	0.248	0.024	(0.204-0.300)	0.459	0.049	(0.372-0.565)	0.211	85.37%	(0.104-0.319)
		2007	0.376	0.031	(0.319-0.442)	0.827	0.061	(0.715-0.956)	0.451	119.92%	(0.317-0.586)
		2008	0.452	0.036	(0.387-0.527)	0.925	0.068	(0.800-1.068)	0.473	104.51%	(0.322-0.623)
		2009	0.449	0.042	(0.374-0.538)	0.947	0.078	(0.804-1.113)	0.497	110.64%	(0.323-0.671)
		2010	0.514	0.044	(0.435-0.607)	1.115	0.083	(0.962-1.290)	0.600	116.77%	(0.416-0.785)
		2011	0.427	0.033	(0.366-0.496)	0.907	0.061	(0.793-1.035)	0.480	112.44%	(0.343-0.616)

National CP33 Monitoring Program Results (2006-2011)

¹19-CMP – Central Mixed-grass Prairie (BCR 19)

²22-ETP – Eastern Tallgrass Prairie (BCR 22)

³24-CH – Central Hardwoods (BCR 24)

⁴26-MAV – Mississippi Alluvial Valley (BCR 26)

⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Dickcissel	Arkansas	2007	1.062	0.175	(0.762-1.479)	3.768	0.472	(2.936-4.835)	2.706	254.67%	(1.719-3.692)
		2008	1.823	0.210	(1.445-2.298)	5.005	0.598	(3.946-6.347)	3.182	174.57%	(1.940-4.424)
		2009	1.486	0.225	(1.096-2.014)	5.899	0.608	(4.808-7.235)	4.412	296.89%	(3.141-5.684)
		2010	1.371	0.211	(1.005-1.868)	6.953	0.651	(5.778-8.366)	5.582	407.13%	(4.241-6.923)
		2011	0.678	0.112	(0.485-0.946)	4.077	0.428	(3.311-5.018)	3.399	501.41%	(2.533-4.265)
	Illinois	2006	0.368	0.128	(0.186-0.725)	1.229	0.286	(0.774-1.949)	0.860	233.75%	(0.247-1.474)
		2007	0.610	0.234	(0.290-1.284)	1.010	0.292	(0.571-1.785)	0.399	65.39%	(-0.333-1.132)
		2008	0.718	0.226	(0.386-1.331)	1.960	0.524	(1.155-3.325)	1.242	173.04%	(0.123-2.361)
		2009	0.941	0.495	(0.342-2.587)	2.007	0.825	(0.893-4.508)	1.066	113.22%	(-0.820-2.952)
		2010	1.244	0.463	(0.598-2.584)	2.359	0.619	(1.396-3.985)	1.115	89.65%	(-0.400-2.631)
	Indiana	2011	0.577	0.193	(0.297-1.118)	1.110	0.272	(0.680-1.808)	0.533	92.31%	(-0.120-1.186)
		2006	0.126	0.051	(0.057-0.275)	0.377	0.143	(0.180-0.788)	0.251	199.63%	(-0.046-0.550)
		2007	0.028	0.014	(0.010-0.073)	0.271	0.149	(0.095-0.766)	0.243	858.45%	(-0.051-0.536)
		2008	0.042	0.025	(0.014-0.126)	0.308	0.125	(0.140-0.675)	0.266	627.13%	(0.016-0.515)
		2009	0.129	0.086	(0.038-0.435)	0.399	0.144	(0.197-0.806)	0.270	209.19%	(-0.058-0.599)
	Iowa	2010	0.103	0.047	(0.042-0.246)	0.257	0.108	(0.113-0.581)	0.155	150.56%	(-0.076-0.386)
		2011	0.048	0.025	(0.017-0.128)	0.233	0.112	(0.093-0.583)	0.185	385.36%	(-0.038-0.409)
		2006	0.143	0.027	(0.098-0.209)	0.491	0.112	(0.314-0.766)	0.348	242.87%	(0.123-0.573)
		2007	0.124	0.028	(0.079-0.193)	0.520	0.114	(0.337-0.799)	0.396	319.99%	(0.166-0.626)
		2008	0.097	0.024	(0.058-0.159)	0.438	0.109	(0.267-0.715)	0.341	352.56%	(0.121-0.561)
	Kentucky	2009	0.127	0.026	(0.084-0.191)	0.580	0.133	(0.369-0.908)	0.452	355.21%	(0.187-0.718)
		2010	0.125	0.030	(0.076-0.202)	0.489	0.119	(0.303-0.789)	0.365	292.75%	(0.124-0.606)
		2011	0.161	0.034	(0.105-0.245)	0.619	0.147	(0.388-0.986)	0.458	284.90%	(0.162-0.754)
		2006	0.203	0.061	(0.113-0.364)	0.306	0.094	(0.166-0.560)	0.102	50.24%	(-0.117-0.322)
		2007	0.133	0.051	(0.063-0.279)	0.318	0.100	(0.170-0.593)	0.185	138.72%	(-0.035-0.406)
	Mississippi	2008	0.270	0.077	(0.154-0.472)	0.306	0.077	(0.185-0.504)	0.036	13.33%	(-0.177-0.250)
		2009	0.321	0.111	(0.163-0.629)	0.294	0.088	(0.162-0.532)	-0.026	-8.17%	(-0.304-0.252)
		2010	0.291	0.095	(0.153-0.551)	0.224	0.082	(0.109-0.458)	-0.067	-23.11%	(-0.313-0.179)
		2011	0.408	0.112	(0.238-0.697)	0.520	0.113	(0.337-0.803)	0.112	27.52%	(-0.199-0.424)
		2006	0.240	0.021	(0.201-0.286)	0.692	0.071	(0.564-0.849)	0.452	188.34%	(0.307-0.597)
	Missouri	2007	0.198	0.017	(0.167-0.235)	0.521	0.046	(0.436-0.620)	0.322	162.32%	(0.226-0.418)
		2008	0.102	0.007	(0.089-0.117)	0.565	0.038	(0.493-0.646)	0.463	451.63%	(0.386-0.539)
		2009	0.100	0.007	(0.087-0.115)	0.426	0.029	(0.371-0.487)	0.325	323.71%	(0.267-0.384)
		2010	0.089	0.006	(0.077-0.102)	0.471	0.034	(0.408-0.543)	0.382	428.06%	(0.314-0.449)
		2011	0.158	0.011	(0.137-0.182)	0.429	0.028	(0.376-0.488)	0.271	171.26%	(0.211-0.330)
	Nebraska	2006	0.408	0.105	(0.247-0.673)	0.395	0.100	(0.241-0.645)	-0.013	-3.23%	(-0.296-0.271)
		2007	0.817	0.136	(0.589-1.131)	0.892	0.186	(0.594-1.339)	0.075	9.21%	(-0.375-0.526)
		2008	0.927	0.155	(0.668-1.286)	1.992	0.369	(1.387-2.859)	1.065	114.81%	(0.280-1.850)
		2009	1.139	0.284	(0.701-1.847)	1.856	0.388	(1.234-2.788)	0.717	62.98%	(-0.225-1.660)
		2010	1.002	0.170	(0.717-1.399)	1.735	0.318	(1.212-2.483)	0.733	73.10%	(0.026-1.440)
	Nebraska	2011	0.854	0.132	(0.631-1.155)	1.093	0.163	(0.815-1.465)	0.239	27.95%	(-0.171-0.649)
		2007	1.134	0.211	(0.780-1.647)	2.550	0.361	(1.920-3.386)	1.417	124.95%	(0.597-2.236)
		2008	0.912	0.156	(0.646-1.286)	2.150	0.263	(1.679-2.752)	1.238	135.71%	(0.638-1.838)
		2009	1.049	0.174	(0.752-1.462)	2.231	0.339	(1.645-3.025)	1.182	112.73%	(0.436-1.929)
		2010	1.772	0.215	(1.387-2.262)	2.022	0.258	(1.565-2.612)	0.250	14.12%	(-0.408-0.909)
		2011	1.896	0.221	(1.499-2.395)	2.450	0.239	(2.014-2.979)	0.554	29.23%	(-0.082-1.191)

National CP33 Monitoring Program Results (2006-2011)

¹19-CMP – Central Mixed-grass Prairie (BCR 19)

²22-ETP – Eastern Tallgrass Prairie (BCR 22)

³24-CH – Central Hardwoods (BCR 24)

⁴26-MAV – Mississippi Alluvial Valley (BCR 26)

⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

Dickcissel	Tennessee	2006	0.170	0.071	(0.075-0.380)	0.090	0.041	(0.038-0.214)	-0.079	-46.67%	(-0.238-0.081)
		2007	0.069	0.049	(0.018-0.260)	0.036	0.019	(0.013-0.100)	-0.033	-47.78%	(-0.137-0.071)
		2008	0.070	0.041	(0.023-0.208)	0.021	0.016	(0.005-0.080)	-0.050	-70.38%	(-0.135-0.036)
		2009	0.141	0.058	(0.062-0.313)	0.038	0.015	(0.017-0.083)	-0.103	-73.13%	(-0.220-0.015)
		2010	0.070	0.052	(0.018-0.268)	0.036	0.014	(0.017-0.077)	-0.033	-47.56%	(-0.138-0.073)
		2011	0.124	0.079	(0.037-0.410)	0.066	0.035	(0.024-0.181)	-0.057	-46.47%	(-0.226-0.112)
	Texas	2006	0.197	0.049	(0.120-0.324)	0.164	0.055	(0.084-0.315)	-0.034	-17.15%	(-0.177-0.110)
		2007	0.438	0.083	(0.299-0.640)	0.897	0.134	(0.665-1.210)	0.459	104.86%	(0.150-0.769)
		2008	0.148	0.033	(0.094-0.232)	0.340	0.069	(0.227-0.510)	0.192	129.41%	(0.042-0.342)
		2009	0.176	0.127	(0.047-0.649)	0.033	0.018	(0.011-0.093)	-0.142	-80.95%	(-0.392-0.108)
		2010	0.046	0.031	(0.013-0.156)	0.079	0.042	(0.028-0.215)	0.032	69.17%	(-0.069-0.133)
		2011	0.014	0.010	(0.003-0.053)	0.014	0.010	(0.003-0.053)	0.000	0.00%	(-0.028-0.029)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Field Sparrow	22-ETP	2006	0.221	0.022	(0.182-0.268)	0.562	0.040	(0.489-0.646)	0.341	154.04%	(0.252-0.430)
		2007	0.190	0.018	(0.157-0.228)	0.550	0.040	(0.476-0.634)	0.360	190.00%	(0.274-0.446)
		2008	0.153	0.021	(0.117-0.199)	0.550	0.047	(0.464-0.649)	0.397	259.29%	(0.296-0.497)
		2009	0.206	0.021	(0.168-0.251)	0.609	0.046	(0.524-0.707)	0.403	196.04%	(0.304-0.503)
		2010	0.190	0.018	(0.157-0.229)	0.566	0.045	(0.483-0.662)	0.376	198.33%	(0.280-0.472)
		2011	0.153	0.017	(0.123-0.190)	0.457	0.046	(0.375-0.556)	0.304	198.20%	(0.208-0.399)
	24-CH	2006	0.226	0.040	(0.159-0.319)	0.398	0.059	(0.296-0.533)	0.172	76.09%	(0.032-0.312)
		2007	0.256	0.043	(0.184-0.355)	0.493	0.060	(0.387-0.626)	0.237	92.73%	(0.093-0.381)
		2008	0.307	0.064	(0.203-0.461)	0.392	0.051	(0.303-0.507)	0.085	27.81%	(-0.075-0.246)
		2009	0.201	0.037	(0.139-0.289)	0.326	0.048	(0.244-0.435)	0.125	62.36%	(0.006-0.244)
		2010	0.213	0.043	(0.143-0.317)	0.405	0.060	(0.301-0.542)	0.191	89.76%	(0.047-0.336)
		2011	0.138	0.028	(0.092-0.206)	0.304	0.049	(0.220-0.418)	0.166	119.74%	(0.055-0.277)
	27-SCP	2006	0.443	0.156	(0.225-0.868)	0.485	0.078	(0.354-0.663)	0.042	9.56%	(-0.299-0.384)
		2007	0.162	0.038	(0.102-0.255)	0.386	0.084	(0.253-0.589)	0.224	138.48%	(0.043-0.405)
		2008	0.147	0.037	(0.090-0.238)	0.249	0.029	(0.198-0.312)	0.102	69.38%	(0.011-0.193)
		2009	0.154	0.097	(0.049-0.478)	0.170	0.019	(0.136-0.212)	0.016	10.37%	(-0.176-0.209)
		2010	0.070	0.011	(0.051-0.095)	0.214	0.034	(0.156-0.292)	0.144	206.34%	(0.074-0.214)
		2011	0.181	0.040	(0.118-0.277)	0.276	0.040	(0.208-0.366)	0.095	52.46%	(-0.015-0.205)
	Overall	2006	0.252	0.017	(0.220-0.288)	0.400	0.021	(0.359-0.443)	0.147	58.31%	(0.093-0.201)
		2007	0.220	0.014	(0.193-0.249)	0.380	0.019	(0.344-0.418)	0.160	72.88%	(0.114-0.206)
		2008	0.190	0.014	(0.164-0.219)	0.380	0.020	(0.341-0.421)	0.189	99.39%	(0.141-0.238)
		2009	0.178	0.013	(0.154-0.205)	0.367	0.021	(0.328-0.410)	0.189	106.12%	(0.141-0.237)
		2010	0.185	0.013	(0.161-0.211)	0.372	0.019	(0.336-0.411)	0.187	101.10%	(0.142-0.232)
		2011	0.177	0.014	(0.152-0.205)	0.355	0.021	(0.317-0.398)	0.178	100.79%	(0.130-0.227)

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			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Field Sparrow	Georgia	2006	0.210	0.044	(0.138-0.318)	0.242	0.048	(0.161-0.361)	0.032	15.39%	(-0.095-0.160)
		2007	0.140	0.040	(0.079-0.245)	0.266	0.041	(0.194-0.362)	0.126	89.81%	(0.014-0.238)
		2008	0.105	0.030	(0.059-0.185)	0.276	0.043	(0.201-0.377)	0.171	162.62%	(0.068-0.274)
		2009	0.061	0.014	(0.038-0.094)	0.316	0.040	(0.245-0.406)	0.255	422.00%	(0.173-0.338)
		2010	0.138	0.024	(0.096-0.196)	0.313	0.035	(0.251-0.390)	0.175	126.91%	(0.092-0.258)
		2011	0.174	0.032	(0.120-0.252)	0.400	0.040	(0.328-0.487)	0.226	129.64%	(0.126-0.326)
	Illinois	2006	0.195	0.066	(0.100-0.377)	0.753	0.158	(0.496-1.141)	0.558	287.04%	(0.223-0.893)
		2007	0.283	0.080	(0.162-0.493)	0.990	0.190	(0.676-1.448)	0.706	249.40%	(0.302-1.111)
		2008	0.330	0.111	(0.170-0.637)	1.064	0.201	(0.730-1.550)	0.734	222.58%	(0.283-1.186)
		2009	0.398	0.103	(0.238-0.664)	1.222	0.259	(0.797-1.871)	0.823	206.82%	(0.276-1.370)
		2010	0.303	0.070	(0.191-0.479)	1.009	0.245	(0.621-1.640)	0.706	232.69%	(0.207-1.205)
		2011	0.214	0.067	(0.114-0.398)	0.985	0.267	(0.573-1.691)	0.771	360.18%	(0.231-1.311)
	Indiana	2006	0.280	0.065	(0.176-0.442)	0.635	0.133	(0.419-0.960)	0.355	127.00%	(0.065-0.645)
		2007	0.375	0.082	(0.244-0.575)	0.977	0.156	(0.712-1.341)	0.602	160.40%	(0.257-0.948)
		2008	0.232	0.067	(0.132-0.408)	0.826	0.159	(0.564-1.209)	0.594	255.67%	(0.257-0.931)
		2009	0.332	0.076	(0.211-0.521)	0.876	0.159	(0.611-1.254)	0.543	163.42%	(0.198-0.889)
		2010	0.440	0.107	(0.272-0.709)	0.797	0.144	(0.556-1.139)	0.357	81.23%	(0.006-0.708)
		2011	0.412	0.094	(0.263-0.644)	0.910	0.170	(0.628-1.318)	0.498	120.74%	(0.117-0.879)
	Iowa	2006	0.028	0.009	(0.014-0.053)	0.058	0.011	(0.039-0.085)	0.030	106.67%	(0.002-0.058)
		2007	0.014	0.005	(0.006-0.030)	0.064	0.013	(0.042-0.094)	0.049	342.84%	(0.022-0.076)
		2008	0.016	0.007	(0.006-0.036)	0.059	0.017	(0.033-0.104)	0.043	271.43%	(0.007-0.078)
		2009	0.020	0.006	(0.010-0.036)	0.054	0.012	(0.035-0.083)	0.034	171.70%	(0.008-0.060)
		2010	0.016	0.006	(0.007-0.032)	0.088	0.021	(0.055-0.140)	0.073	462.50%	(0.031-0.114)
		2011	0.035	0.009	(0.020-0.059)	0.053	0.014	(0.031-0.089)	0.018	50.00%	(-0.015-0.050)
	Kentucky	2006	0.248	0.041	(0.178-0.344)	0.453	0.068	(0.336-0.609)	0.205	82.66%	(0.050-0.360)
		2007	0.387	0.068	(0.273-0.549)	0.547	0.076	(0.415-0.720)	0.160	41.26%	(-0.039-0.359)
		2008	0.303	0.047	(0.222-0.413)	0.504	0.068	(0.385-0.657)	0.201	66.23%	(0.039-0.363)
		2009	0.233	0.041	(0.163-0.331)	0.478	0.072	(0.354-0.644)	0.246	105.54%	(0.083-0.408)
		2010	0.174	0.043	(0.106-0.284)	0.452	0.071	(0.330-0.616)	0.278	159.65%	(0.115-0.440)
		2011	0.400	0.084	(0.263-0.607)	0.597	0.102	(0.425-0.837)	0.197	49.38%	(-0.061-0.456)
	Missouri	2006	0.104	0.022	(0.068-0.158)	0.201	0.023	(0.159-0.253)	0.096	92.32%	(0.034-0.159)
		2007	0.132	0.021	(0.096-0.179)	0.175	0.023	(0.134-0.227)	0.043	32.86%	(-0.017-0.104)
		2008	0.158	0.029	(0.110-0.227)	0.224	0.032	(0.168-0.298)	0.066	41.70%	(-0.018-0.151)
		2009	0.144	0.026	(0.100-0.207)	0.236	0.026	(0.189-0.294)	0.092	63.82%	(0.019-0.165)
		2010	0.206	0.033	(0.149-0.282)	0.320	0.040	(0.249-0.410)	0.115	55.71%	(0.013-0.216)
		2011	0.110	0.020	(0.076-0.157)	0.157	0.023	(0.117-0.209)	0.047	43.16%	(-0.012-0.107)
	Nebraska	2007	0.286	0.123	(0.125-0.653)	0.817	0.254	(0.445-1.500)	0.531	185.71%	(-0.021-1.084)
		2008	0.238	0.082	(0.122-0.465)	1.073	0.317	(0.600-1.915)	0.834	350.02%	(0.194-1.475)
		2009	0.140	0.078	(0.048-0.398)	0.611	0.219	(0.304-1.225)	0.471	337.48%	(0.016-0.926)
		2010	0.107	0.048	(0.045-0.255)	0.479	0.111	(0.303-0.754)	0.371	346.26%	(0.134-0.609)
		2011	0.209	0.082	(0.098-0.446)	0.484	0.136	(0.279-0.838)	0.274	131.22%	(-0.035-0.585)
	North Carolina	2007	0.052	0.018	(0.027-0.100)	0.127	0.027	(0.083-0.193)	0.074	141.65%	(0.011-0.137)
		2008	0.050	0.018	(0.025-0.100)	0.114	0.027	(0.071-0.181)	0.064	127.60%	(0.001-0.127)
		2009	0.022	0.009	(0.009-0.048)	0.030	0.011	(0.014-0.062)	0.008	37.75%	(-0.020-0.036)
		2010	0.045	0.016	(0.021-0.090)	0.093	0.023	(0.056-0.152)	0.048	107.85%	(-0.007-0.104)
		2011	0.045	0.015	(0.024-0.084)	0.127	0.029	(0.080-0.201)	0.082	180.69%	(0.017-0.146)

National CP33 Monitoring Program Results (2006-2011)

¹19-CMP – Central Mixed-grass Prairie (BCR 19)

²22-ETP – Eastern Tallgrass Prairie (BCR 22)

³24-CH – Central Hardwoods (BCR 24)

⁴26-MAV – Mississippi Alluvial Valley (BCR 26)

⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

Field Sparrow	Ohio	2006	0.473	0.072	(0.350-0.639)	0.695	0.083	(0.549-0.878)	0.221	46.80%	(0.006-0.436)
		2007	0.323	0.053	(0.233-0.446)	0.570	0.069	(0.448-0.723)	0.247	76.73%	(0.077-0.418)
		2008	0.230	0.065	(0.132-0.400)	0.521	0.077	(0.388-0.697)	0.291	126.31%	(0.094-0.488)
		2009	0.337	0.065	(0.230-0.492)	0.599	0.078	(0.463-0.774)	0.262	77.55%	(0.063-0.460)
		2010	0.306	0.045	(0.228-0.410)	0.446	0.048	(0.360-0.552)	0.140	45.60%	(0.010-0.269)
		2011	0.201	0.033	(0.145-0.278)	0.393	0.049	(0.307-0.504)	0.192	95.45%	(0.076-0.308)
	South Carolina	2006	0.039	0.026	(0.011-0.131)	0.110	0.037	(0.057-0.210)	0.070	180.00%	(-0.017-0.158)
		2007	0.055	0.023	(0.024-0.122)	0.204	0.050	(0.124-0.331)	0.149	271.43%	(0.040-0.257)
		2008	0.049	0.023	(0.020-0.119)	0.148	0.043	(0.083-0.263)	0.099	200.00%	(0.003-0.195)
		2009	0.009	0.006	(0.002-0.032)	0.009	0.006	(0.002-0.032)	0.000	1.43%	(-0.017-0.018)
		2010	0.009	0.006	(0.002-0.033)	0.083	0.038	(0.034-0.201)	0.074	799.34%	(-0.001-0.150)
		2011	0.019	0.011	(0.006-0.057)	0.106	0.046	(0.045-0.247)	0.088	466.15%	(-0.005-0.181)
	Tennessee	2006	0.480	0.107	(0.310-0.740)	0.526	0.074	(0.397-0.697)	0.047	9.73%	(-0.208-0.301)
		2007	0.413	0.109	(0.245-0.693)	0.571	0.089	(0.414-0.786)	0.158	38.39%	(-0.118-0.435)
		2008	0.420	0.104	(0.259-0.679)	0.615	0.080	(0.472-0.799)	0.195	46.42%	(-0.062-0.452)
		2009	0.512	0.118	(0.326-0.801)	0.654	0.102	(0.478-0.894)	0.142	27.73%	(-0.163-0.447)
		2010	0.346	0.085	(0.214-0.559)	0.545	0.082	(0.403-0.736)	0.199	57.31%	(-0.033-0.430)
		2011	0.207	0.076	(0.101-0.425)	0.407	0.089	(0.261-0.634)	0.200	96.29%	(-0.030-0.430)

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⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Eastern Meadowlark	19-CMP	2006	0.261	0.056	(0.169-0.402)	0.210	0.043	(0.139-0.316)	-0.051	-19.53%	(-0.190-0.088)
		2007	0.187	0.043	(0.118-0.295)	0.189	0.039	(0.125-0.284)	0.002	0.89%	(-0.112-0.116)
		2008	0.208	0.031	(0.155-0.279)	0.200	0.030	(0.148-0.268)	-0.009	-4.10%	(-0.092-0.075)
		2009	0.207	0.034	(0.149-0.286)	0.188	0.044	(0.118-0.297)	-0.020	-9.52%	(-0.128-0.089)
		2010	0.035	0.013	(0.016-0.073)	0.076	0.026	(0.039-0.147)	0.042	120.88%	(-0.014-0.099)
		2011	0.097	0.022	(0.062-0.151)	0.093	0.019	(0.062-0.138)	-0.005	-4.69%	(-0.060-0.052)
	22-ETP	2006	0.112	0.015	(0.086-0.144)	0.116	0.019	(0.083-0.159)	0.004	3.42%	(-0.043-0.051)
		2007	0.111	0.014	(0.087-0.141)	0.169	0.028	(0.121-0.234)	0.057	51.58%	(-0.004-0.119)
		2008	0.132	0.016	(0.103-0.167)	0.182	0.027	(0.135-0.243)	0.050	37.88%	(-0.011-0.112)
		2009	0.121	0.020	(0.088-0.167)	0.145	0.026	(0.102-0.204)	0.023	19.04%	(-0.040-0.087)
		2010	0.092	0.012	(0.071-0.117)	0.215	0.031	(0.161-0.285)	0.123	133.49%	(0.057-0.188)
		2011	0.069	0.010	(0.052-0.090)	0.130	0.019	(0.098-0.172)	0.061	88.38%	(0.020-0.102)
	24-CH	2006	0.067	0.015	(0.042-0.104)	0.106	0.030	(0.060-0.186)	0.040	59.06%	(-0.026-0.106)
		2007	0.058	0.015	(0.035-0.094)	0.152	0.035	(0.096-0.239)	0.094	162.62%	(0.020-0.169)
		2008	0.096	0.020	(0.063-0.143)	0.114	0.026	(0.071-0.179)	0.018	19.00%	(-0.046-0.083)
		2009	0.082	0.027	(0.043-0.154)	0.144	0.029	(0.096-0.215)	0.062	75.02%	(-0.015-0.139)
		2010	0.127	0.029	(0.081-0.199)	0.152	0.033	(0.098-0.232)	0.024	19.14%	(-0.061-0.110)
		2011	0.132	0.030	(0.084-0.206)	0.154	0.033	(0.100-0.235)	0.021	16.15%	(-0.066-0.109)
	26-MAV	2006	0.012	0.008	(0.003-0.045)	0.048	0.022	(0.018-0.126)	0.036	300.01%	(-0.010-0.082)
		2007	0.080	0.020	(0.048-0.132)	0.077	0.019	(0.047-0.124)	-0.003	-3.75%	(-0.057-0.051)
		2008	0.142	0.027	(0.097-0.205)	0.124	0.025	(0.083-0.183)	-0.018	-12.68%	(-0.089-0.053)
		2009	0.067	0.017	(0.041-0.110)	0.084	0.022	(0.050-0.139)	0.017	24.61%	(-0.037-0.070)
		2010	0.064	0.016	(0.038-0.105)	0.065	0.014	(0.042-0.101)	0.002	2.35%	(-0.041-0.044)
		2011	0.011	0.006	(0.004-0.030)	0.010	0.004	(0.004-0.022)	-0.001	-5.11%	(-0.014-0.014)
	27-SCP	2006	0.044	0.009	(0.029-0.064)	0.033	0.009	(0.018-0.056)	-0.011	-25.37%	(-0.036-0.014)
		2007	0.050	0.009	(0.035-0.070)	0.041	0.007	(0.029-0.056)	-0.009	-17.51%	(-0.030-0.013)
		2008	0.047	0.013	(0.027-0.081)	0.042	0.007	(0.030-0.057)	-0.006	-11.60%	(-0.034-0.024)
		2009	0.038	0.006	(0.027-0.052)	0.025	0.004	(0.017-0.034)	-0.013	-33.93%	(-0.027-0.002)
		2010	0.051	0.007	(0.038-0.066)	0.041	0.007	(0.029-0.057)	-0.010	-19.30%	(-0.029-0.010)
		2011	0.033	0.006	(0.022-0.047)	0.025	0.005	(0.016-0.037)	-0.008	-24.35%	(-0.023-0.008)
	Overall	2006	0.101	0.009	(0.084-0.121)	0.080	0.008	(0.064-0.098)	-0.022	-21.53%	(-0.046-0.003)
		2007	0.104	0.009	(0.087-0.122)	0.104	0.009	(0.087-0.124)	0.000	0.45%	(-0.024-0.026)
		2008	0.127	0.010	(0.108-0.147)	0.112	0.009	(0.095-0.130)	-0.015	-11.65%	(-0.040-0.011)
		2009	0.102	0.009	(0.085-0.122)	0.090	0.009	(0.073-0.108)	-0.013	-12.25%	(-0.037-0.013)
		2010	0.082	0.007	(0.070-0.096)	0.094	0.009	(0.078-0.112)	0.012	14.39%	(-0.009-0.033)
		2011	0.067	0.006	(0.056-0.080)	0.065	0.006	(0.054-0.077)	-0.003	-3.78%	(-0.019-0.014)

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			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Eastern Meadowlark	Arkansas	2007	0.173	0.037	(0.113-0.265)	0.155	0.032	(0.102-0.233)	-0.018	-10.53%	(-0.113-0.077)
		2008	0.194	0.043	(0.124-0.301)	0.229	0.039	(0.163-0.320)	0.035	18.11%	(-0.077-0.148)
		2009	0.093	0.026	(0.052-0.162)	0.133	0.033	(0.080-0.219)	0.040	43.64%	(-0.043-0.124)
		2010	0.081	0.025	(0.043-0.150)	0.085	0.022	(0.050-0.142)	0.004	5.46%	(-0.061-0.071)
		2011	0.000			0.000					
	Illinois	2006	0.351	0.106	(0.193-0.638)	0.271	0.084	(0.146-0.502)	-0.080	-22.86%	(-0.346-0.185)
		2007	0.223	0.064	(0.126-0.395)	0.540	0.115	(0.352-0.825)	0.316	141.66%	(0.058-0.575)
		2008	0.315	0.093	(0.175-0.566)	0.448	0.108	(0.277-0.724)	0.134	42.43%	(-0.146-0.414)
		2009	0.369	0.165	(0.153-0.887)	0.281	0.130	(0.113-0.696)	-0.088	-23.73%	(-0.499-0.325)
		2010	0.197	0.058	(0.109-0.356)	0.596	0.128	(0.387-0.918)	0.399	202.23%	(0.124-0.674)
		2011	0.160	0.050	(0.085-0.299)	0.273	0.068	(0.164-0.451)	0.113	70.51%	(-0.053-0.279)
	Indiana	2006	0.061	0.024	(0.028-0.131)	0.217	0.071	(0.115-0.410)	0.156	254.70%	(0.009-0.303)
		2007	0.135	0.061	(0.056-0.319)	0.280	0.139	(0.109-0.719)	0.145	107.79%	(-0.152-0.443)
		2008	0.135	0.046	(0.070-0.259)	0.249	0.096	(0.117-0.526)	0.114	84.70%	(-0.094-0.323)
		2009	0.163	0.072	(0.070-0.379)	0.266	0.089	(0.138-0.510)	0.103	63.11%	(-0.122-0.328)
		2010	0.083	0.040	(0.032-0.208)	0.171	0.061	(0.086-0.340)	0.089	107.46%	(-0.053-0.231)
		2011	0.079	0.032	(0.035-0.173)	0.300	0.101	(0.155-0.576)	0.221	279.77%	(0.013-0.429)
	Iowa	2006	0.075	0.018	(0.046-0.12)	0.058	0.021	(0.028-0.119)	-0.017	-22.22%	(-0.071-0.038)
		2007	0.060	0.016	(0.035-0.103)	0.045	0.013	(0.025-0.081)	-0.015	-25.00%	(-0.056-0.027)
		2008	0.050	0.018	(0.024-0.099)	0.057	0.021	(0.027-0.115)	0.007	13.33%	(-0.046-0.060)
		2009	0.044	0.015	(0.023-0.085)	0.030	0.010	(0.015-0.058)	-0.014	-32.08%	(-0.049-0.021)
		2010	0.049	0.015	(0.026-0.091)	0.038	0.012	(0.020-0.069)	-0.012	-23.53%	(-0.049-0.026)
		2011	0.052	0.017	(0.027-0.098)	0.055	0.018	(0.029-0.103)	0.003	6.25%	(-0.044-0.051)
	Kentucky	2006	0.060	0.015	(0.036-0.099)	0.111	0.038	(0.057-0.215)	0.051	84.44%	(-0.028-0.130)
		2007	0.092	0.026	(0.053-0.160)	0.175	0.051	(0.098-0.313)	0.083	90.31%	(-0.029-0.196)
		2008	0.120	0.031	(0.072-0.199)	0.129	0.036	(0.074-0.222)	0.009	7.55%	(-0.083-0.101)
		2009	0.129	0.042	(0.068-0.243)	0.157	0.046	(0.088-0.279)	0.028	21.94%	(-0.092-0.149)
		2010	0.164	0.047	(0.093-0.289)	0.162	0.049	(0.088-0.295)	-0.002	-1.36%	(-0.136-0.132)
		2011	0.177	0.047	(0.103-0.300)	0.194	0.050	(0.116-0.322)	0.017	9.48%	(-0.117-0.151)
	Mississippi	2006	0.059	0.004	(0.052-0.066)	0.065	0.005	(0.056-0.075)	0.006	10.18%	(-0.005-0.018)
		2007	0.053	0.003	(0.047-0.060)	0.060	0.004	(0.053-0.067)	0.007	13.08%	(-0.002-0.017)
		2008	0.057	0.003	(0.051-0.064)	0.057	0.004	(0.050-0.064)	0.000	-0.68%	(-0.010-0.009)
		2009	0.047	0.003	(0.042-0.053)	0.036	0.002	(0.032-0.040)	-0.011	-23.27%	(-0.018--0.003)
		2010	0.098	0.006	(0.086-0.110)	0.107	0.007	(0.094-0.120)	0.009	9.38%	(-0.008-0.027)
		2011	0.075	0.005	(0.066-0.084)	0.068	0.004	(0.060-0.076)	-0.007	-9.59%	(-0.019-0.005)
	Missouri	2006	0.088	0.016	(0.061-0.126)	0.043	0.011	(0.026-0.070)	-0.045	-50.88%	(-0.082--0.007)
		2007	0.073	0.013	(0.051-0.104)	0.066	0.015	(0.042-0.102)	-0.007	-8.94%	(-0.044-0.032)
		2008	0.111	0.017	(0.081-0.151)	0.058	0.013	(0.037-0.090)	-0.053	-47.53%	(-0.095--0.010)
		2009	0.067	0.010	(0.049-0.089)	0.056	0.011	(0.037-0.083)	-0.011	-15.99%	(-0.040-0.019)
		2010	0.118	0.016	(0.089-0.155)	0.103	0.018	(0.072-0.146)	-0.015	-12.49%	(-0.062-0.033)
		2011	0.068	0.013	(0.046-0.099)	0.048	0.010	(0.032-0.071)	-0.020	-29.65%	(-0.052-0.012)
	Nebraska	2007	0.638	0.230	(0.316-1.285)	0.459	0.169	(0.225-0.936)	-0.179	-27.99%	(-0.737-0.380)
		2008	0.847	0.177	(0.561-1.276)	0.743	0.156	(0.492-1.120)	-0.104	-12.24%	(-0.565-0.359)
		2009	0.364	0.101	(0.211-0.625)	0.258	0.094	(0.127-0.523)	-0.106	-29.17%	(-0.376-0.164)
		2010	0.109	0.045	(0.049-0.241)	0.211	0.089	(0.093-0.475)	0.102	93.62%	(-0.093-0.297)
		2011	0.164	0.062	(0.079-0.340)	0.154	0.061	(0.071-0.331)	-0.010	-6.26%	(-0.180-0.160)

National CP33 Monitoring Program Results (2006-2011)

¹19-CMP – Central Mixed-grass Prairie (BCR 19)

²22-ETP – Eastern Tallgrass Prairie (BCR 22)

³24-CH – Central Hardwoods (BCR 24)

⁴26-MAV – Mississippi Alluvial Valley (BCR 26)

⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

Eastern Meadowlark	North Carolina	2007	0.040	0.012	(0.021-0.074)	0.025	0.007	(0.013-0.044)	-0.016	-38.64%	(-0.043-0.013)
		2008	0.044	0.024	(0.015-0.124)	0.014	0.006	(0.006-0.031)	-0.030	-68.34%	(-0.078-0.019)
		2009	0.025	0.008	(0.013-0.046)	0.014	0.005	(0.006-0.029)	-0.011	-44.45%	(-0.029-0.007)
		2010	0.035	0.010	(0.019-0.060)	0.013	0.005	(0.005-0.028)	-0.022	-63.09%	(-0.043--0.000)
		2011	0.015	0.007	(0.006-0.035)	0.006	0.003	(0.001-0.017)	-0.010	-62.70%	(-0.024-0.005)
	Ohio	2006	0.086	0.021	(0.053-0.138)	0.020	0.006	(0.011-0.034)	-0.066	-76.85%	(-0.108--0.023)
		2007	0.076	0.018	(0.047-0.120)	0.026	0.009	(0.013-0.050)	-0.050	-65.63%	(-0.088--0.010)
		2008	0.069	0.020	(0.039-0.122)	0.024	0.007	(0.012-0.043)	-0.046	-66.04%	(-0.087--0.004)
		2009	0.056	0.018	(0.030-0.103)	0.027	0.008	(0.015-0.047)	-0.029	-51.48%	(-0.066-0.009)
		2010	0.019	0.007	(0.009-0.037)	0.013	0.006	(0.005-0.032)	-0.006	-30.91%	(-0.023-0.012)
	Tennessee	2011	0.031	0.009	(0.017-0.054)	0.018	0.005	(0.009-0.031)	-0.013	-42.24%	(-0.033-0.008)
		2006	0.061	0.018	(0.033-0.110)	0.039	0.019	(0.014-0.099)	-0.022	-36.51%	(-0.074-0.030)
		2007	0.015	0.011	(0.003-0.055)	0.036	0.018	(0.013-0.095)	0.021	143.70%	(-0.019-0.062)
		2008	0.039	0.014	(0.019-0.079)	0.074	0.020	(0.043-0.127)	0.035	89.84%	(-0.013-0.084)
		2009	0.079	0.022	(0.045-0.136)	0.046	0.012	(0.028-0.076)	-0.032	-41.05%	(-0.081-0.016)
	Texas	2010	0.059	0.015	(0.035-0.098)	0.064	0.018	(0.037-0.111)	0.005	8.15%	(-0.041-0.051)
		2011	0.065	0.025	(0.029-0.140)	0.040	0.018	(0.016-0.094)	-0.025	-38.69%	(-0.085-0.036)
		2006	0.167	0.035	(0.108-0.255)	0.134	0.027	(0.089-0.200)	-0.033	-19.53%	(-0.119-0.055)
		2007	0.097	0.022	(0.062-0.151)	0.102	0.023	(0.064-0.160)	0.005	4.99%	(-0.057-0.067)
		2008	0.118	0.021	(0.083-0.167)	0.123	0.020	(0.088-0.171)	0.005	4.21%	(-0.051-0.062)
		2009	0.134	0.025	(0.091-0.194)	0.122	0.033	(0.070-0.209)	-0.012	-8.93%	(-0.093-0.0709)
		2010	0.008	0.006	(0.001-0.031)	0.011	0.006	(0.004-0.029)	0.004	48.03%	(-0.012-0.020)
		2011	0.054	0.015	(0.030-0.094)	0.058	0.012	(0.038-0.087)	0.004	7.50%	(-0.033-0.042)

National CP33 Monitoring Program Results (2006-2011)

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⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Indigo Bunting	22-ETP	2006	0.774	0.073	(0.642-0.932)	1.126	0.077	(0.984-1.289)	0.353	45.56%	(0.144-0.561)
		2007	0.858	0.078	(0.718-1.024)	1.278	0.087	(1.117-1.460)	0.420	48.93%	(0.192-0.648)
		2008	0.713	0.065	(0.595-0.853)	1.049	0.086	(0.893-1.231)	0.336	47.17%	(0.125-0.547)
		2009	0.973	0.099	(0.797-1.187)	1.302	0.107	(1.108-1.529)	0.329	33.84%	(0.045-0.614)
		2010	1.160	0.102	(0.975-1.379)	1.591	0.107	(1.393-1.816)	0.431	37.12%	(0.141-0.721)
		2011	0.779	0.058	(0.673-0.901)	1.044	0.072	(0.910-1.195)	0.265	33.98%	(0.084-0.446)
	24-CH	2006	2.042	0.359	(1.449-2.878)	2.455	0.337	(1.876-3.212)	0.413	20.22%	(-0.551-1.378)
		2007	2.874	0.515	(2.025-4.078)	3.054	0.538	(2.165-4.306)	0.180	6.25%	(-1.280-1.640)
		2008	1.572	0.239	(1.168-2.116)	2.287	0.400	(1.625-3.217)	0.714	45.41%	(-0.198-1.627)
		2009	2.003	0.367	(1.401-2.862)	2.680	0.451	(1.929-3.721)	0.677	33.80%	(-0.461-1.816)
		2010	2.960	0.564	(2.042-4.290)	2.635	0.391	(1.970-3.522)	-0.326	-11.01%	(-1.671-1.019)
		2011	2.489	1.218	(1.000-6.194)	1.551	0.241	(1.145-2.100)	-0.938	-37.68%	(-3.371-1.496)
	26-MAV	2006	1.249	0.389	(0.648-2.405)	1.363	0.346	(0.798-2.323)	0.114	9.10%	(-0.906-1.133)
		2007	0.808	0.128	(0.590-1.104)	1.027	0.162	(0.751-1.402)	0.219	27.12%	(-0.186-0.625)
		2008	1.155	0.156	(0.885-1.505)	1.226	0.176	(0.925-1.625)	0.071	6.18%	(-0.388-0.532)
		2009	1.027	0.149	(0.772-1.365)	0.805	0.121	(0.597-1.082)	-0.222	-21.64%	(-0.598-0.154)
		2010	0.867	0.124	(0.654-1.149)	0.854	0.136	(0.624-1.167)	-0.013	-1.55%	(-0.373-0.347)
		2011	0.634	0.101	(0.463-0.867)	0.587	0.096	(0.424-0.810)	-0.047	-7.46%	(-0.320-0.225)
	27-SCP	2006	0.960	0.060	(0.848-1.086)	1.361	0.077	(1.218-1.521)	0.401	41.78%	(0.210-0.592)
		2007	0.758	0.044	(0.675-0.849)	1.022	0.051	(0.925-1.128)	0.264	34.88%	(0.132-0.397)
		2008	0.830	0.044	(0.746-0.922)	1.075	0.052	(0.977-1.182)	0.245	29.56%	(0.111-0.379)
		2009	0.782	0.051	(0.688-0.887)	1.034	0.058	(0.925-1.154)	0.252	32.25%	(0.101-0.403)
		2010	0.756	0.043	(0.675-0.846)	1.052	0.049	(0.959-1.153)	0.296	39.10%	(0.167-0.424)
		2011	0.612	0.041	(0.537-0.697)	0.838	0.045	(0.754-0.930)	0.226	36.84%	(0.107-0.344)
	29-PIED	2007	0.504	0.063	(0.378-0.670)	0.551	0.083	(0.388-0.782)	0.047	9.37%	(-0.156-0.251)
		2008	0.472	0.094	(0.295-0.756)	0.653	0.092	(0.471-0.906)	0.181	38.33%	(-0.076-0.439)
		2009	0.224	0.063	(0.115-0.434)	0.366	0.080	(0.217-0.614)	0.142	63.16%	(-0.057-0.341)
		2010	0.283	0.038	(0.208-0.385)	0.354	0.066	(0.227-0.551)	0.071	25.00%	(-0.078-0.221)
		2011	0.177	0.034	(0.112-0.280)	0.319	0.072	(0.186-0.545)	0.142	80.00%	(-0.015-0.299)
	Overall	2006	1.225	0.132	(0.991-1.512)	2.114	0.174	(1.799-2.484)	0.890	72.67%	(0.461-1.318)
		2007	1.137	0.098	(0.959-1.346)	1.617	0.111	(1.412-1.849)	0.480	42.21%	(0.189-0.771)
		2008	1.218	0.115	(1.011-1.465)	1.528	0.130	(1.293-1.806)	0.311	25.51%	(-0.030-0.652)
		2009	1.129	0.103	(0.944-1.350)	1.567	0.123	(1.344-1.825)	0.437	38.71%	(0.123-0.751)
		2010	0.992	0.084	(0.839-1.171)	1.407	0.108	(1.210-1.634)	0.415	41.82%	(0.147-0.683)
		2011	0.602	0.070	(0.479-0.756)	0.807	0.082	(0.662-0.983)	0.205	34.08%	(-0.005-0.416)

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⁶29-PIED – Piedmont (BCR 29)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Indigo Bunting	Arkansas	2007	0.703	0.173	(0.433-1.137)	0.830	0.203	(0.515-1.335)	0.127	18.10%	(-0.395-0.650)
		2008	1.142	0.230	(0.770-1.692)	1.135	0.247	(0.743-1.734)	-0.007	-0.60%	(-0.668-0.655)
		2009	1.106	0.244	(0.719-1.698)	0.740	0.176	(0.466-1.175)	-0.365	-33.05%	(-0.953-0.223)
		2010	0.699	0.149	(0.462-1.058)	0.722	0.175	(0.450-1.158)	0.023	3.28%	(-0.427-0.473)
		2011	0.526	0.132	(0.322-0.857)	0.454	0.110	(0.283-0.727)	-0.071	-13.60%	(-0.407-0.264)
	Georgia	2006	0.293	0.065	(0.189-0.453)	0.469	0.083	(0.330-0.664)	0.176	60.17%	(-0.030-0.383)
		2007	0.304	0.071	(0.191-0.481)	0.378	0.073	(0.258-0.552)	0.074	24.33%	(-0.126-0.274)
		2008	0.320	0.073	(0.204-0.500)	0.369	0.066	(0.26-0.524)	0.049	15.46%	(-0.143-0.242)
		2009	0.299	0.058	(0.203-0.436)	0.461	0.072	(0.339-0.625)	0.162	54.37%	(-0.018-0.343)
		2010	0.261	0.052	(0.175-0.387)	0.473	0.074	(0.348-0.642)	0.212	81.37%	(0.035-0.390)
	Illinois	2011	0.185	0.043	(0.116-0.291)	0.404	0.073	(0.283-0.575)	0.220	119.04%	(0.054-0.385)
		2006	0.893	0.161	(0.621-1.281)	1.910	0.304	(1.395-2.614)	1.018	113.99%	(0.343-1.692)
		2007	1.324	0.204	(0.973-1.800)	2.469	0.375	(1.829-3.330)	1.145	86.49%	(0.308-1.982)
		2008	1.074	0.176	(0.773-1.491)	2.198	0.382	(1.560-3.096)	1.124	104.63%	(0.300-1.948)
		2009	1.903	0.397	(1.247-2.903)	3.403	0.607	(2.386-4.851)	1.499	78.78%	(0.078-2.921)
	Indiana	2010	2.140	0.319	(1.584-2.891)	3.302	0.537	(2.392-4.559)	1.162	54.30%	(-0.063-2.387)
		2011	1.029	0.135	(0.790-1.339)	1.992	0.344	(1.413-2.806)	0.963	93.59%	(0.238-1.688)
		2006	0.596	0.240	(0.277-1.283)	3.135	0.961	(1.735-5.662)	2.538	425.53%	(0.596-4.480)
		2007	2.625	1.139	(1.156-5.958)	2.327	0.616	(1.392-3.889)	-0.297	-11.33%	(-2.835-2.241)
		2008	0.875	0.184	(0.579-1.321)	1.649	0.500	(0.918-2.960)	0.774	88.39%	(-0.270-1.818)
	Iowa	2009	1.395	0.421	(0.778-2.498)	2.502	0.471	(1.731-3.615)	1.108	79.44%	(-0.130-2.346)
		2010	1.113	0.265	(0.699-1.770)	1.679	0.372	(1.090-2.587)	0.567	50.92%	(-0.329-1.462)
		2011	1.535	0.421	(0.901-2.612)	1.804	0.374	(1.203-2.702)	0.269	17.52%	(-0.834-1.372)
		2006	0.065	0.021	(0.033-0.123)	0.120	0.029	(0.074-0.193)	0.055	85.72%	(-0.014-0.126)
		2007	0.050	0.020	(0.023-0.107)	0.071	0.024	(0.036-0.137)	0.020	40.00%	(-0.040-0.081)
	Kentucky	2008	0.078	0.024	(0.042-0.141)	0.116	0.030	(0.070-0.193)	0.039	50.00%	(-0.035-0.113)
		2009	0.049	0.020	(0.022-0.108)	0.117	0.031	(0.069-0.197)	0.068	137.73%	(-0.003-0.140)
		2010	0.053	0.017	(0.028-0.099)	0.130	0.037	(0.074-0.228)	0.077	145.45%	(-0.002-0.157)
		2011	0.103	0.032	(0.055-0.191)	0.087	0.025	(0.048-0.154)	-0.016	-15.79%	(-0.096-0.064)
		2006	2.404	0.379	(1.766-3.272)	2.810	0.364	(2.180-3.621)	0.406	16.89%	(-0.623-1.435)
	Mississippi	2007	3.186	0.468	(2.389-4.249)	3.342	0.445	(2.573-4.340)	0.156	4.88%	(-1.111-1.422)
		2008	2.248	0.402	(1.584-3.188)	2.348	0.470	(1.589-3.468)	0.100	4.43%	(-1.112-1.312)
		2009	2.173	0.438	(1.466-3.218)	2.874	0.456	(2.107-3.919)	0.701	32.27%	(-0.538-1.941)
		2010	5.376	2.273	(2.419-11.94)	2.613	0.427	(1.899-3.594)	-2.763	-51.40%	(-7.295-1.769)
		2011	1.863	0.616	(0.988-3.512)	1.350	0.168	(1.057-1.724)	-0.514	-27.56%	(-1.764-0.738)
	Missouri	2006	0.866	0.055	(0.762-0.982)	1.106	0.070	(0.975-1.254)	0.241	27.83%	(0.066-0.415)
		2007	0.704	0.033	(0.642-0.770)	0.727	0.032	(0.666-0.791)	0.023	3.24%	(-0.066-0.112)
		2008	0.636	0.032	(0.576-0.701)	0.708	0.031	(0.650-0.771)	0.072	11.39%	(-0.014-0.159)
		2009	0.483	0.023	(0.440-0.529)	0.515	0.021	(0.475-0.558)	0.033	6.74%	(-0.028-0.093)
		2010	0.572	0.027	(0.520-0.628)	0.585	0.026	(0.536-0.638)	0.013	2.36%	(-0.060-0.087)
		2011	0.468	0.021	(0.428-0.511)	0.472	0.019	(0.436-0.510)	0.003	0.71%	(-0.052-0.059)
		2006	0.557	0.092	(0.402-0.770)	0.484	0.064	(0.373-0.628)	-0.072	-13.02%	(-0.291-0.147)
		2007	0.634	0.128	(0.427-0.939)	0.944	0.207	(0.615-1.448)	0.310	48.96%	(-0.166-0.788)
		2008	0.754	0.224	(0.424-1.338)	2.025	0.989	(0.814-5.032)	1.271	168.49%	(-0.716-3.257)
		2009	0.000			1.447	0.368	(0.883-2.370)			
		2010	1.362	0.266	(0.930-1.993)	2.258	0.460	(1.519-3.356)	0.896	65.77%	(-0.145-1.938)
		2011	0.328	0.054	(0.238-0.452)	0.784	0.281	(0.394-1.558)	0.456	138.97%	(-0.104-1.017)

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Indigo Bunting	North Carolina	2007	0.311	0.033	(0.251-0.385)	0.403	0.035	(0.337-0.480)	0.092	29.50%	(-0.003-0.187)
		2008	0.366	0.033	(0.305-0.439)	0.441	0.038	(0.370-0.525)	0.075	20.55%	(-0.024-0.175)
		2009	0.294	0.029	(0.241-0.358)	0.337	0.032	(0.278-0.407)	0.043	14.63%	(-0.041-0.128)
		2010	0.269	0.024	(0.225-0.321)	0.334	0.026	(0.286-0.389)	0.065	24.12%	(-0.003-0.133)
		2011	0.239	0.024	(0.195-0.292)	0.314	0.027	(0.264-0.373)	0.075	31.28%	(0.0041-0.145)
	Ohio	2006	0.418	0.098	(0.263-0.662)	1.654	0.237	(1.247-2.192)	1.236	295.81%	(0.734-1.739)
		2007	0.468	0.100	(0.307-0.712)	2.211	0.277	(1.729-2.828)	1.743	372.37%	(1.166-2.320)
		2008	0.227	0.072	(0.121-0.423)	0.587	0.143	(0.362-0.950)	0.360	159.11%	(0.045-0.675)
		2009	0.548	0.097	(0.387-0.775)	1.534	0.190	(1.202-1.957)	0.986	179.90%	(0.568-1.404)
		2010	0.371	0.073	(0.251-0.546)	1.553	0.183	(1.232-1.956)	1.182	318.79%	(0.796-1.568)
		2011	0.464	0.076	(0.336-0.639)	1.641	0.193	(1.301-2.067)	1.177	253.65%	(0.770-1.583)
	South Carolina	2006	0.329	0.053	(0.239-0.453)	0.483	0.073	(0.356-0.654)	0.154	46.67%	(-0.022-0.330)
		2007	0.351	0.060	(0.250-0.493)	0.520	0.071	(0.395-0.682)	0.168	47.92%	(-0.013-0.350)
		2008	0.354	0.045	(0.274-0.454)	0.384	0.054	(0.290-0.508)	0.031	8.70%	(-0.106-0.168)
		2009	0.299	0.045	(0.221-0.403)	0.369	0.047	(0.285-0.477)	0.070	23.48%	(-0.057-0.198)
		2010	0.321	0.042	(0.246-0.417)	0.492	0.052	(0.398-0.607)	0.172	53.51%	(0.041-0.302)
		2011	0.294	0.041	(0.222-0.389)	0.389	0.045	(0.308-0.489)	0.095	32.13%	(-0.024-0.214)
	Tennessee	2006	4.047	0.974	(2.535-6.459)	3.406	0.612	(2.398-4.837)	-0.641	-15.84%	(-2.895-1.614)
		2007	0.000			4.500	1.076	(2.824-7.168)			
		2008	3.009	0.638	(1.990-4.547)	3.647	0.702	(2.505-5.308)	0.638	21.21%	(-1.220-2.497)
		2009	2.198	0.372	(1.578-3.059)	3.036	0.482	(2.225-4.141)	0.838	38.12%	(-0.356-2.032)
		2010	2.433	0.451	(1.694-3.492)	2.856	0.513	(2.011-4.054)	0.423	17.40%	(-0.916-1.763)
		2011	0.888	0.170	(0.611-1.291)	1.225	0.215	(0.869-1.726)	0.337	37.92%	(-0.199-0.874)

National CP33 Monitoring Program Results (2006-2011)

¹19-CMP – Central Mixed-grass Prairie (BCR 19)

²22-ETP – Eastern Tallgrass Prairie (BCR 22)

³24-CH – Central Hardwoods (BCR 24)

⁴26-MAV – Mississippi Alluvial Valley (BCR 26)

⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

			Non-buffered			Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Grasshopper Sparrow	19-CMP	2006	0.380	0.168	(0.161-0.894)	0.145	0.043	(0.079-0.262)	-0.235	-61.91%	(-0.575-0.105)
		2007	0.221	0.102	(0.091-0.533)	0.238	0.103	(0.104-0.545)	0.017	7.58%	(-0.267-0.301)
		2008	0.099	0.039	(0.046-0.209)	0.219	0.096	(0.094-0.506)	0.120	120.68%	(-0.082-0.322)
		2009	0.082	0.043	(0.030-0.220)	0.259	0.084	(0.137-0.488)	0.177	216.31%	(-0.008-0.362)
		2010	0.498	0.139	(0.289-0.856)	0.390	0.088	(0.250-0.607)	-0.108	-21.68%	(-0.429-0.213)
		2011	0.202	0.091	(0.085-0.475)	0.145	0.052	(0.072-0.290)	-0.057	-28.28%	(-0.261-0.148)
	22-ETP	2006	0.112	0.023	(0.074-0.166)	0.092	0.018	(0.062-0.135)	-0.020	-17.80%	(-0.077-0.037)
		2007	0.081	0.020	(0.050-0.130)	0.069	0.019	(0.040-0.118)	-0.012	-14.62%	(-0.065-0.042)
		2008	0.132	0.029	(0.085-0.203)	0.126	0.029	(0.081-0.195)	-0.006	-4.36%	(-0.085-0.074)
		2009	0.123	0.026	(0.081-0.184)	0.178	0.041	(0.114-0.277)	0.055	45.22%	(-0.038-0.150)
		2010	0.095	0.023	(0.059-0.153)	0.125	0.029	(0.080-0.195)	0.030	31.25%	(-0.042-0.102)
		2011	0.105	0.023	(0.068-0.162)	0.113	0.043	(0.055-0.231)	0.008	7.43%	(-0.087-0.103)
	24-CH	2006	0.081	0.043	(0.029-0.218)	0.164	0.105	(0.050-0.530)	0.084	103.54%	(-0.139-0.306)
		2007	0.102	0.048	(0.041-0.250)	0.143	0.052	(0.070-0.288)	0.041	39.93%	(-0.098-0.180)
		2008	0.114	0.045	(0.053-0.241)	0.143	0.075	(0.053-0.381)	0.029	25.17%	(-0.141-0.199)
		2009	0.037	0.020	(0.013-0.100)	0.103	0.054	(0.038-0.274)	0.066	180.23%	(-0.045-0.179)
		2010	0.105	0.038	(0.052-0.211)	0.189	0.076	(0.087-0.409)	0.084	80.40%	(-0.082-0.251)
		2011	0.106	0.043	(0.048-0.231)	0.114	0.058	(0.043-0.294)	0.008	7.80%	(-0.132-0.149)
	27-SCP	2006	0.016	0.009	(0.005-0.045)	0.020	0.009	(0.008-0.044)	0.004	25.00%	(-0.020-0.028)
		2007	0.015	0.009	(0.004-0.044)	0.009	0.006	(0.003-0.027)	-0.005	-36.84%	(-0.025-0.015)
		2008	0.028	0.015	(0.010-0.077)	0.000					
		2009	0.014	0.007	(0.005-0.037)	0.008	0.006	(0.002-0.030)	-0.006	-41.86%	(-0.024-0.013)
		2010	0.049	0.025	(0.019-0.125)	0.051	0.017	(0.026-0.095)	0.002	3.42%	(-0.056-0.060)
		2011	0.000			0.009	0.007	(0.002-0.032)			
	Overall	2006	0.087	0.014	(0.062-0.120)	0.085	0.015	(0.060-0.119)	-0.002	-2.51%	(-0.042-0.038)
		2007	0.089	0.015	(0.064-0.122)	0.094	0.017	(0.066-0.134)	0.006	6.45%	(-0.038-0.050)
		2008	0.089	0.014	(0.064-0.120)	0.098	0.019	(0.068-0.142)	0.010	11.13%	(-0.035-0.056)
		2009	0.059	0.011	(0.041-0.083)	0.115	0.020	(0.081-0.161)	0.056	94.96%	(0.012-0.100)
		2010	0.100	0.015	(0.074-0.133)	0.143	0.020	(0.109-0.187)	0.043	43.25%	(-0.005-0.092)
		2011	0.082	0.014	(0.058-0.115)	0.091	0.020	(0.060-0.138)	0.009	11.47%	(-0.038-0.057)

National CP33 Monitoring Program Results (2006-2011)

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⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

						Buffered			Effect Size		
			Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Eastern Kingbird	19-CMP	2006				0.081	0.063	(0.020-0.329)			
		2007	0.223	0.160	(0.061-0.813)	0.424	0.223	(0.157-1.141)	0.201	90.00%	(-0.338-0.740)
		2008	0.182	0.099	(0.065-0.504)	0.251	0.134	(0.092-0.682)	0.068	37.50%	(-0.257-0.394)
		2009	0.275	0.126	(0.114-0.658)	0.417	0.226	(0.151-1.150)	0.143	52.00%	(-0.363-0.649)
		2010	0.097	0.041	(0.043-0.216)	0.213	0.104	(0.084-0.536)	0.116	119.60%	(-0.102-0.335)
		2011	0.071	0.032	(0.029-0.168)	0.162	0.078	(0.065-0.403)	0.091	128.57%	(-0.073-0.256)
	22-ETP	2006	0.069	0.024	(0.034-0.134)	0.087	0.026	(0.049-0.155)	0.019	27.61%	(-0.050-0.089)
		2007	0.134	0.028	(0.089-0.202)	0.169	0.035	(0.113-0.251)	0.035	25.79%	(-0.053-0.122)
		2008	0.163	0.032	(0.111-0.238)	0.174	0.042	(0.109-0.277)	0.011	6.67%	(-0.091-0.113)
		2009	0.131	0.042	(0.070-0.242)	0.143	0.030	(0.095-0.215)	0.013	9.90%	(-0.088-0.114)
		2010	0.048	0.013	(0.028-0.079)	0.123	0.024	(0.084-0.180)	0.076	158.82%	(0.022-0.129)
		2011	0.102	0.022	(0.066-0.155)	0.120	0.025	(0.079-0.181)	0.018	18.10%	(-0.047-0.085)
	24-CH	2006	0.089	0.044	(0.034-0.226)	0.119	0.057	(0.047-0.296)	0.030	33.34%	(-0.111-0.171)
		2007	0.163	0.062	(0.077-0.341)	0.240	0.068	(0.137-0.419)	0.077	47.37%	(-0.104-0.259)
		2008	0.136	0.046	(0.070-0.264)	0.129	0.054	(0.057-0.289)	-0.008	-5.66%	(-0.147-0.132)
		2009	0.066	0.026	(0.031-0.140)	0.081	0.044	(0.029-0.223)	0.015	22.76%	(-0.084-0.115)
		2010	0.075	0.047	(0.023-0.239)	0.152	0.054	(0.076-0.301)	0.077	102.48%	(-0.063-0.217)
		2011	0.059	0.022	(0.028-0.121)	0.141	0.068	(0.056-0.352)	0.083	141.37%	(-0.057-0.223)
	27-SCP	2006	0.340	0.091	(0.203-0.569)	0.135	0.038	(0.077-0.233)	-0.206	-60.47%	(-0.398--0.012)
		2007	0.369	0.092	(0.226-0.598)	0.101	0.022	(0.065-0.155)	-0.268	-72.59%	(-0.453--0.081)
		2008	0.169	0.053	(0.092-0.308)	0.079	0.019	(0.049-0.126)	-0.090	-53.31%	(-0.200-0.020)
		2009	0.230	0.062	(0.136-0.386)	0.102	0.020	(0.069-0.150)	-0.128	-55.55%	(-0.254--0.000)
		2010	0.269	0.070	(0.163-0.444)	0.066	0.016	(0.041-0.105)	-0.204	-75.61%	(-0.343--0.063)
		2011	0.221	0.065	(0.126-0.388)	0.067	0.018	(0.040-0.112)	-0.154	-69.54%	(-0.285--0.022)
	Overall	2006	0.118	0.022	(0.082-0.168)	0.100	0.019	(0.068-0.145)	-0.018	-15.28%	(-0.074-0.039)
		2007	0.189	0.028	(0.140-0.252)	0.159	0.023	(0.120-0.210)	-0.029	-15.51%	(-0.100-0.042)
		2008	0.145	0.021	(0.109-0.192)	0.119	0.018	(0.088-0.160)	-0.026	-17.68%	(-0.079-0.029)
		2009	0.150	0.024	(0.109-0.205)	0.128	0.020	(0.094-0.174)	-0.022	-14.48%	(-0.083-0.041)
		2010	0.124	0.017	(0.094-0.162)	0.110	0.014	(0.086-0.141)	-0.014	-11.13%	(-0.057-0.030)
		2011	0.111	0.016	(0.083-0.147)	0.098	0.014	(0.074-0.130)	-0.013	-11.38%	(-0.054-0.030)

National CP33 Monitoring Program Results (2006-2011)

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⁵27-SCP – Southeastern Coastal Plain (BCR 27)

⁶29-PIED – Piedmont (BCR 29)

		Non-buffered			Buffered			Effect Size		
		Males/ha	SE	95% CI	Males/ha	SE	95% CI	Simple	Relative	95% CI ES
Bell's Vireo	2006				0.008	0.008	(0.001-0.044)			
	2007	0.041	0.017	(0.018-0.089)	0.032	0.014	(0.014-0.072)	-0.009	-21.63%	(-0.051-0.034)
	2008	0.045	0.019	(0.019-0.101)	0.053	0.020	(0.026-0.107)	0.008	17.72%	(-0.046-0.062)
	2009	0.028	0.012	(0.012-0.063)	0.031	0.012	(0.015-0.064)	0.003	9.76%	(-0.030-0.036)
	2010	0.106	0.048	(0.045-0.249)	0.150	0.035	(0.095-0.235)	0.044	41.41%	(-0.072-0.160)
	2011	0.089	0.048	(0.032-0.239)	0.116	0.032	(0.068-0.198)	0.028	31.48%	(-0.084-0.140)
Painted Bunting	2006	0.032	0.012	(0.015-0.064)	0.076	0.018	(0.047-0.119)	0.044	137.15%	(0.002-0.085)
	2007	0.033	0.009	(0.019-0.055)	0.036	0.009	(0.023-0.057)	0.003	9.37%	(-0.021-0.027)
	2008	0.038	0.010	(0.023-0.062)	0.038	0.008	(0.025-0.058)	0.000	0.35%	(-0.024-0.025)
	2009	0.074	0.022	(0.040-0.132)	0.048	0.014	(0.027-0.084)	-0.025	-34.47%	(-0.077-0.027)
	2010	0.056	0.016	(0.031-0.096)	0.043	0.010	(0.026-0.068)	-0.013	-23.16%	(-0.050-0.024)
	2011	0.086	0.018	(0.056-0.130)	0.033	0.008	(0.021-0.051)	-0.053	-61.19%	(-0.091--0.013)
Upland Sandpiper	2007	0.035	0.025	(0.009-0.125)	0.018	0.013	(0.004-0.063)	-0.017	-49.75%	(-0.072-0.038)
	2008	0.011	0.007	(0.003-0.035)	0.038	0.022	(0.012-0.112)	0.027	251.86%	(-0.018-0.073)
	2009	0.029	0.018	(0.009-0.088)	0.022	0.015	(0.006-0.072)	-0.007	-23.93%	(-0.051-0.038)
	2010	0.055	0.022	(0.025-0.116)	0.036	0.019	(0.013-0.095)	-0.018	-33.57%	(-0.074-0.038)
	2011	0.050	0.020	(0.022-0.108)	0.046	0.019	(0.020-0.100)	-0.004	-7.58%	(-0.058-0.051)
Vesper Sparrow	2006	0.023	0.007	(0.013-0.041)	0.040	0.009	(0.025-0.061)	0.016	70.74%	(-0.006-0.039)
	2007	0.020	0.006	(0.011-0.035)	0.017	0.005	(0.009-0.030)	-0.004	-17.59%	(-0.018-0.012)
	2008	0.018	0.005	(0.010-0.031)	0.029	0.008	(0.016-0.050)	0.011	59.16%	(-0.008-0.030)
	2009	0.014	0.004	(0.007-0.024)	0.035	0.009	(0.020-0.057)	0.021	156.97%	(0.002-0.041)
	2010	0.024	0.005	(0.016-0.037)	0.023	0.007	(0.012-0.041)	-0.001	-4.98%	(-0.018-0.016)
	2011	0.019	0.004	(0.012-0.029)	0.032	0.007	(0.020-0.049)	0.013	64.95%	(-0.003-0.029)
Scissor-tailed Flycatcher	2006	0.965	0.128	(0.737-1.262)	0.969	0.143	(0.720-1.303)	0.004	0.43%	(-0.372-0.381)
	2007	0.617	0.080	(0.477-0.796)	0.895	0.109	(0.703-1.137)	0.278	45.06%	(0.014-0.542)
	2008	0.537	0.059	(0.433-0.666)	0.710	0.095	(0.544-0.926)	0.173	32.18%	(-0.046-0.392)
	2009	0.385	0.082	(0.253-0.585)	0.454	0.097	(0.298-0.691)	0.069	17.86%	(-0.180-0.318)
	2010	0.288	0.059	(0.191-0.432)	0.333	0.069	(0.221-0.500)	0.045	15.80%	(-0.132-0.224)
	2011	0.164	0.032	(0.111-0.239)	0.251	0.043	(0.178-0.352)	0.087	52.98%	(-0.018-0.192)

National CP33 Monitoring Program Results (2006-2011)

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