

Table 1K. Annual indices and trends in marsh bird populations within coastal Lake Erie routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMBI	0.000	0.133	1.113	1.590	0.265	0.200	0.0009**	2.8	-24.4	39.9	0.8365
BANS	29.50	11.38	1.342	3.355	17.43	1.500	0.0000**	-19.3	-40.0	8.5	0.0588
BARS	8.080	8.484	5.700	8.342	7.195	6.462	0.8408	-3.6	-15.9	10.5	0.6041
BLTE	3.746	4.338	5.532	2.907	2.126	2.333	0.1963	-12.8	-25.6	2.2	0.0855
CAGO	1.550	7.439	4.531	9.778	2.922	6.200	0.1871	5.7	-20.2	40.0	0.6942
CHSW	0.595	0.404	0.407	0.447	0.754	1.500	0.7993	18.0	-11.2	56.8	0.3078
COGR	2.143	2.366	2.691	6.317	4.772	2.692	0.1561	12.8	-8.4	38.9	0.2259
COMO	12.66	8.930	3.362	5.208	0.474	1.667	0.2336	-36.6	-56.0	-8.8	0.0332*
COYE	4.413	7.058	5.352	5.422	6.345	7.933	0.0313*	7.3	0.3	14.7	0.0375*
EAKI	0.734	1.158	1.250	2.636	0.781	1.467	0.0137*	5.3	-10.2	23.5	0.4953
FOTE	0.540	2.312	3.740	1.603	0.416	0.250	0.0473*	-18.7	-43.9	18.0	0.2047
LEBI	1.047	1.043	1.412	2.310	0.384	0.500	0.0135*	-12.3	-29.1	8.6	0.1936
MALL	1.472	2.422	0.995	2.096	2.100	1.923	0.6071	0.5	-14.8	18.5	0.955
MAWR	8.037	7.258	7.516	9.550	6.995	5.267	0.0249	-3.8	-9.5	2.3	0.1981
MOOT	99.54	74.87	44.41	82.71	1.997	7.375	0.1043	-29.2	-45.1	-8.8	0.0801
NRWS	3.393	3.306	0.305	1.905	8.510	2.000	0.0014**	17.8	-19.8	73.1	0.3339
PBGR	36.29	6.368	22.17	16.62	0.636	1.375	0.0000**	-30.3	-43.2	-14.6	0.0000**
PUMA	8.353	4.825	2.785	4.116	4.198	3.200	0.1606	-13.6	-26.5	1.6	0.0707
RWBL	36.33	43.01	24.94	25.99	23.40	29.94	0.0001**	-8.7	-14.3	-2.7	0.0021**
SORA	0.309	1.531	3.655	3.700	0.939	0.111	0.0000**	-15.8	-33.9	7.2	0.0657
SOSP	4.649	2.859	2.973	2.773	2.600	5.118	0.0109*	2.6	-7.3	13.5	0.6044
SWSP	5.311	6.982	5.371	5.476	4.335	6.000	0.1094	-3.3	-9.6	3.4	0.315
TRES	46.77	30.34	21.60	21.09	21.42	23.00	0.0296*	-13.0	-21.6	-3.5	0.0068**
VIRA	2.237	0.906	0.953	1.038	1.247	0.250	0.0253*	-20.4	-35.2	-2.1	0.0186*
WIFL	0.762	1.235	1.850	1.671	1.239	1.556	0.6582	5.7	-11.6	26.5	0.5519
YWAR	5.662	8.334	6.286	5.673	7.828	6.941	0.3108	2.3	-5.2	10.4	0.5549

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 1L. Annual indices and trends in marsh bird populations within inland Lake Erie routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMBI	0.959	1.598	1.107	0.000	0.357	0.750	0.4555	-15.4	-43.4	26.6	0.4158
BANS	0.759	10.41	3.659	4.143	6.142	1.429	0.3013	-10.2	-34.5	23.1	0.5266
BARS	2.510	3.892	2.383	2.282	2.993	2.500	0.299	-2.7	-11.6	7.2	0.5778
CAGO	1.083	3.365	3.596	8.161	6.884	3.900	0.1058	12.1	-9.6	39.1	0.2814
CHSW	0.000	4.456	1.981	8.831	3.255	6.222	0.2745	12.0	-21.6	59.9	0.5433
COGR	6.155	8.676	8.543	15.52	7.527	1.964	0.0000**	-20.3	-31.7	-6.9	0.0032**
COMO	2.189	1.877	1.639	1.051	2.037	1.833	0.9578	-4.3	-23.9	20.3	0.7180
COYE	2.098	1.993	1.788	2.131	1.584	2.200	0.6905	-0.8	-8.4	7.4	0.8396
EAKI	1.403	1.370	0.970	0.748	0.513	1.000	0.2288	-9.8	-22.7	5.3	0.1897
MALL	5.226	4.441	3.814	3.921	3.994	2.481	0.3507	-12.0	-22.8	0.4	0.0567
MAWR	5.792	4.520	3.072	4.155	2.525	3.455	0.0144*	-12.1	-19.3	-4.2	0.0026**
MOOT	6.214	5.982	3.856	3.138	2.083	5.400	0.43	-9.0	-24.1	9.1	0.3230
NRWS	2.237	2.409	2.807	3.805	2.388	1.778	0.9373	-6.2	-27.0	20.6	0.6315
PBGR	0.423	1.336	2.037	1.798	0.848	2.444	0.0538	20.1	-7.6	56.2	0.1206
RWBL	11.83	12.82	11.58	10.29	8.695	11.53	0.0036**	-3.6	-7.0	0.0	0.0414*
SORA	0.300	1.287	0.737	0.246	0.500	0.556	0.3578	-5.0	-28.5	26.2	0.7421
SOSP	2.274	1.905	2.113	2.371	2.434	2.290	0.7568	2.4	-3.9	9.1	0.4603
SWSP	4.447	3.996	4.794	4.018	5.127	4.750	0.4263	2.8	-2.1	7.9	0.2761
TRES	4.280	4.631	5.151	4.085	4.835	4.552	0.9003	0.4	-7.5	9.0	0.9233
VIRA	2.180	2.527	2.329	0.993	0.925	1.222	0.0013**	-15.6	-23.7	-6.8	0.0007**
WIFL	0.380	0.211	0.556	0.248	0.315	0.700	0.3857	11.6	-14.6	46.0	0.4191
YWAR	1.718	1.988	2.148	2.078	1.722	2.077	0.6643	1.3	-4.9	8	0.6927

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 1M. Annual indices and trends in marsh bird populations within coastal Lake Ontario routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
BANS	15.12	2.496	13.220	5.512	3.171	2.571	0.0000**	-20.7	-35.4	-2.7	0.0094**
BARS	3.221	2.138	2.916	3.004	2.213	2.800	0.878	-3.3	-17.1	12.9	0.6784
CAGO	1.911	3.572	6.782	4.742	3.971	1.800	0.3802	7.4	-17.8	40.2	0.5788
CHSW	1.149	0.910	1.094	0.622	1.515	1.286	0.6462	7.0	-12.6	30.9	0.55
COGR	6.556	1.236	3.660	33.22	4.763	3.455	0.0000**	8.8	-17.8	43.9	0.3768
COMO	0.544	0.347	0.452	0.602	0.527	0.667	0.9392	6.7	-13.7	31.9	0.5716
COYE	1.754	1.938	1.826	2.304	2.560	2.375	0.75	8.7	-2.2	20.8	0.138
EAKI	0.482	0.965	0.493	0.493	1.005	0.333	0.5297	1.0	-21.1	29.3	0.9344
MALL	2.544	1.373	2.754	4.121	2.266	2.636	0.2808	5.3	-12.7	26.9	0.5714
MAWR	4.331	4.058	6.438	5.383	3.326	4.125	0.3151	-3.1	-13.6	8.7	0.5845
MOOT	0.826	0.807	0.812	1.334	0.812	1.143	0.8896	6.1	-13.9	30.7	0.588
MUSW	0.589	1.191	1.191	0.372	1.157	1.250	0.2576	5.1	-14.2	28.7	0.6192
NRWS	0.732	0.209	0.661	2.674	1.071	0.400	0.0001**	17.6	-9.7	53.2	0.0913
RWBL	17.03	24.33	23.88	19.29	21.76	21.00	0.3926	0.8	-5.8	7.8	0.8194
SORA	1.626	0.000	3.151	1.483	1.182	1.000	0.0002**	0.6	-23.5	32.3	0.9566
SOSP	3.633	3.600	2.975	2.955	2.644	3.364	0.7021	-4.2	-11.6	3.9	0.3025
SWSP	7.603	4.697	6.437	6.589	6.343	9.125	0.0857	4.1	-3.7	12.4	0.2867
TRES	6.859	7.818	13.11	8.792	6.894	6.091	0.1356	-1.0	-13.6	13.3	0.8752
VIRA	2.327	1.560	2.523	3.795	1.307	3.125	0.0112*	5.7	-7.3	20.5	0.388
WIFL	1.628	2.529	2.429	2.733	3.387	2.667	0.8568	10.1	-6.2	29.3	0.2878
YWAR	4.532	4.992	3.987	4.198	4.179	3.700	0.8211	-3.9	-10.3	3.1	0.2767

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 1N. Annual indices and trends in marsh bird populations within inland Lake Ontario routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMBI	0.350	0.621	0.630	0.874	0.194	0.800	0.2852	4.1	-18.4	32.8	0.7401
BANS	1.3202	4.541	4.057	3.7	7.536	2.833	0.0088**	16.6	-1.5	38.2	0.0460*
BARS	4.697	5.944	5.058	6.209	6.058	5.083	0.8731	2.9	-6.9	13.7	0.5864
BLTE	4.969	2.109	1.059	2.644	4.742	2.500	0.0266*	-1.0	-20.9	23.8	0.9228
BWTE	1.818	2.779	1.085	1.713	0.535	0.333	0.0291*	-25.2	-40.3	-6.4	0.0088**
CAGO	2.694	5.055	7.279	6.529	3.137	2.000	0.5278	-7.3	-30.9	24.4	0.5931
COGR	0.906	1.441	1.488	2.09	3.347	2.077	0.1468	23.8	3.5	48.0	0.0175*
COMO	4.387	3.479	5.036	5.153	4.223	3.545	0.3816	-0.7	-9.6	9.0	0.8776
COYE	2.314	2.950	3.379	3.272	3.502	2.900	0.6702	5.4	-3.7	15.4	0.2649
EAKI	0.324	1.327	0.931	0.954	1.028	0.917	0.0657	6.3	-8.6	23.6	0.4089
LEBI	1.363	0.974	0.471	0.235	0.858	0.727	0.4664	-6.0	-28.0	22.6	0.6637
MALL	1.613	1.696	2.266	0.733	1.687	2.231	0.2564	3.1	-13.0	22.3	0.7308
MAWR	5.181	4.105	5.520	7.057	6.026	4.857	0.0968	3.4	-4.0	11.4	0.3661
MOOT	12.660	9.477	10.960	10.260	8.502	7.083	0.3341	-7.8	-15.3	0.3	0.0648
PBGR	2.854	1.887	1.198	2.048	1.578	0.889	0.0628	-16.4	-29.2	-1.3	0.0277
RWBL	13.25	18.12	14.62	20.09	17.83	14.75	0.2669	2.2	-5.5	10.5	0.5756
SORA	0.486	1.274	0.733	0.493	0.723	0.300	0.0593	-12.3	-26.4	4.5	0.1438
SOSP	1.444	1.939	2.177	1.761	2.208	1.643	0.5157	4.3	-5.7	15.4	0.4206
SWSP	5.010	5.947	6.196	5.943	7.784	5.909	0.3919	5.2	-2.2	13.1	0.1766
TRES	5.268	6.003	5.27	12.080	10.080	14.000	0.0194*	22.6	6.6	41.0	0.0029**
VIRA	2.643	2.352	3.219	3.554	2.586	3.071	0.4111	4.0	-5.1	14.0	0.4052
WIFL	1.830	0.387	0.463	1.480	2.590	1.250	0.0615	12.8	-11.7	44.1	0.3078
YWAR	3.309	4.117	3.169	4.356	3.594	4.083	0.5659	2.3	-5.4	10.5	0.5779

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Appendix 2

Annual indices of calling amphibian occurrence on MMP routes within the Great Lakes basin, 1995 to 2000. Indices are based on annual proportion of survey stations with each species present and are defined relative to 2000 index values. Estimated annual percent changes (trends) are presented for each species and the associated lower and upper extremes of 95% confidence limits are presented. Results are presented only for those species that were detected on at least 15 routes and only for stations that were visited at least three times during any given year.

<u>Species Code</u>	<u>Species Name</u>
AMTO	American toad
BULL	bullfrog
CHFR	Western chorus frog
GRFR	green frog
NLFR	Northern leopard frog
PIFR	pickerel frog
SPPE	spring peeper
WOFR	wood frog

Table 2A. Annual indices and trends in calling amphibian populations throughout the Great Lakes basin, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	49.63	49.67	46.76	45.18	42.61	41.33	0.5896	-1.8	-3.7	0.1	0.0588
BULL	53.98	49.17	53.07	61.17	50.35	40.87	0.0633	-1.8	-4.2	0.8	0.1729
CHFR	74.32	58.80	50.93	51.59	44.28	34.94	0.0001 **	-5.9	-8.2	-3.5	0.0000 **
GRFR	63.61	66.12	67.76	84.29	56.48	54.25	0.0000 **	-3.0	-5.2	-0.9	0.0057 **
GRTR	39.03	63.35	50.00	50.71	41.52	52.92	0.0029 **	-0.2	-2.6	2.2	0.8700
NLFR	42.31	54.79	59.06	71.22	40.80	46.64	0.0000 **	-0.2	-2.5	2.0	0.8291
PIFR	1.22	6.08	6.24	4.91	10.68	22.00	0.0135 *	8.5	2.8	14.9	0.0017 **
SPPE	66.45	74.59	81.24	88.34	74.36	74.79	0.0015 **	0.2	-2.1	2.4	0.8567
WOFR	21.48	35.35	24.56	30.04	32.10	22.77	0.0834	-0.3	-2.2	1.7	0.7557

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2B. Annual indices and trends in calling amphibian populations within the Lake Michigan basin, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	38.66	48.49	38.73	27.22	28.75	32.39	0.4018	-2.4	-5.8	1.2	0.1891
BULL	8.89	15.98	7.77	16.71	14.11	2.56	0.2634	0.2	-0.9	0.8	0.6549
CHFR	93.76	89.69	71.68	68.84	55.35	48.78	0.0021 **	-10.9	-16.1	-5.5	0.0001 **
GRFR	29.25	23.80	42.32	73.78	39.10	20.27	0.0000 **	-2.2	-4.6	0.6	0.1129
GRTR	32.69	92.31	57.04	65.55	56.24	55.88	0.0002 **	-0.8	-5.2	3.5	0.7202
NLFR	31.84	18.35	23.85	33.10	37.33	11.54	0.1478	-0.9	-3.0	1.7	0.4776
SPPE	87.61	91.45	94.15	86.76	84.57	80.88	0.2231	-4.6	-9.8	0.0	0.0472 *
WOFR	13.43	12.33	11.26	14.34	31.34	10.45	0.0530	0.6	-1.3	2.9	0.544

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2C. Annual indices and trends in calling amphibian populations within the Lake Huron basin, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	70.48	62.18	68.78	58.43	53.77	31.25	0.0283 *	-6.0	-9.6	-2.0	0.0032 **
CHFR	93.77	87.52	81.30	47.79	46.27	18.18	0.0001 **	-9.5	-12.1	-6.1	0.0000 **
GRFR	74.63	86.17	87.10	96.97	67.34	60.38	0.0001 **	-8.3	-14.8	-1.9	0.0086 **
GRTR	59.27	46.25	46.93	40.92	37.10	52.83	0.6538	-1.2	-6.4	4.0	0.6625
NLFR	62.94	79.40	75.01	85.50	58.45	63.64	0.3446	-1.9	-8.3	4.2	0.557
SPPE	92.24	95.47	92.72	97.32	91.08	83.02	0.2391	-3.3	-8.3	1.0	0.1383
WOFR	38.95	43.98	25.11	37.77	26.43	40.00	0.4012	0.3	-5.2	6.1	0.9113

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2D. Annual indices and trends in calling amphibian populations within Lake Huron-Michigan basin, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	51.12	51.03	49.88	37.16	37.61	31.93	0.0595	-3.9	-6.5	-1.3	0.0036 **
BULL	6.006	15.18	8.184	18.16	20.92	21.43	0.1411	4.6	0.2	9.6	0.0361 *
CHFR	93.82	88.22	75.95	63.21	52.38	40.00	0.0000 **	-12.6	-16.3	-8.6	0.0000 **
GRFR	49.42	55.02	65.83	87.63	52.75	37.01	0.0000 **	-4.6	-7.7	-1.4	0.0051 **
GRTR	46.80	70.26	54.10	57.11	49.05	54.55	0.1444	-0.9	-4.3	2.4	0.5788
NLFR	50.73	52.10	50.62	62.76	49.27	31.76	0.2888	-1.8	-5.4	2.1	0.3573
SPPE	90.07	93.93	93.06	91.00	87.30	81.82	0.102	-3.9	-7.6	-0.7	0.0138 *
WOFR	23.03	25.84	17.27	23.77	28.54	22.32	0.4043	0.7	-1.9	3.6	0.5976

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2E. Annual indices and trends in calling amphibian populations within the Lake Erie basin, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	38.65	59.36	39.63	49.90	36.28	47.02	0.0486 *	-0.8	-4.0	2.5	0.6443
BULL	70.55	59.47	69.53	72.50	54.88	53.78	0.0923	-3.4	-7.1	0.2	0.0628
CHFR	42.53	48.65	25.05	41.68	46.61	31.25	0.1639	-1.0	-4.6	2.9	0.6009
GRFR	72.61	61.21	59.45	68.26	57.54	61.08	0.485	-1.6	-5.0	1.7	0.3363
GRTR	31.51	51.54	53.23	45.65	31.74	52.83	0.0555	0.2	-3.9	4.3	0.9077
NLFR	63.06	80.64	79.61	88.70	48.08	54.35	0.0000 **	-4.6	-8.3	-1.0	0.0124 *
SPPE	52.64	76.54	73.79	88.63	69.74	70.63	0.0124 *	1.3	-2.7	4.9	0.5118
WOFR	18.36	62.62	33.93	31.65	47.23	24.05	0.0243 *	-1.1	-4.9	3.3	0.6056

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2F. Annual indices and trends in calling amphibian populations within the Lake Ontario basin, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	62.99	33.65	42.68	45.87	69.93	44.00	0.0112 *	0.3	-3.4	4.0	0.8858
BULL	73.18	64.18	71.52	71.89	79.93	32.73	0.0064 **	-4.0	-8.1	0.4	0.07
CHFR	60.47	23.38	22.30	43.27	17.21	30.95	0.0132 *	-3.7	-8.3	1.5	0.1556
GRFR	70.34	84.99	82.97	96.24	52.00	68.57	0.0003 **	-1.9	-5.8	1.9	0.3375
GRTR	27.18	47.33	30.96	34.06	75.06	50.00	0.4232	3.1	-3.5	9.6	0.3552
NLFR	20.16	30.05	41.90	50.19	35.73	49.33	0.0162 *	5.8	2.0	9.5	0.0026 **
SPPE	33.09	18.08	51.58	89.05	26.16	72.00	0.0006 **	6.4	1.7	10.5	0.0075 **
WOFR	15.30	33.48	43.47	67.32	9.89	18.75	0.0103 *	-1.5	-4.7	2.3	0.4164

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2G. Annual indices and trends in calling amphibian populations throughout coastal Great Lakes routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	44.20	35.69	35.33	41.22	41.95	31.94	0.321	-0.9	-3.0	1.4	0.4543
BULL	64.37	57.12	58.01	71.57	53.34	40.31	0.0273*	-3.4	-6.8	0.1	0.059
CHFR	62.63	50.78	60.76	52.74	47.43	43.33	0.1982	-4.2	-7.8	-0.6	0.0235*
FOTO	1.115	3.842	7.932	14.90	10.72	14.55	0.1108	4.8	0.7	9.8	0.0155
GRFR	68.82	68.79	65.74	84.58	49.07	39.69	0.0000**	-6.7	-9.3	-3.9	0.0000**
GRTR	37.41	57.67	45.75	39.67	41.21	42.52	0.4657	-1.1	-4.4	2.4	0.5358
NLFR	33.38	49.20	57.38	82.31	45.38	51.52	0.0000**	3.3	0.1	6.4	0.0428*
SPPE	37.97	59.57	71.03	80.51	62.15	62.37	0.0003**	2.0	-1.2	5.1	0.2246
WOFR	16.18	30.69	15.36	21.31	22.96	17.19	0.2601	-0.1	-2.4	2.5	0.9546

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2H. Annual indices and trends in calling amphibian populations throughout inland Great Lakes routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	58.02	66.10	62.92	50.03	39.46	52.90	0.0143*	-3.0	-6.0	-0.1	0.0438*
BULL	43.33	42.52	49.17	51.17	48.69	41.58	0.8309	-0.1	-3.6	3.6	0.975
CHFR	76.61	60.20	38.99	50.47	41.26	24.37	0.0000**	-6.5	-9.0	-3.8	0.0000**
GRFR	60.17	65.61	70.00	82.70	67.65	70.76	0.0829	1.5	-1.2	4.0	0.2717
GRTR	40.61	67.37	52.27	61.44	38.67	61.90	0.0013**	0.6	-2.6	3.6	0.7177
NLFR	52.46	59.72	60.56	60.50	35.35	40.60	0.0067**	-3.7	-6.6	-0.6	0.0187*
PIFR	0.637	7.029	3.048	10.21	17.88	29.41	0.0021**	14.9	6.2	23.9	0.001**
SPPE	96.04	90.98	91.70	95.27	87.68	88.30	0.2778	-2.2	-5.3	0.4	0.0924
WOFR	30.52	44.57	37.58	41.28	43.90	30.21	0.4253	-0.6	-3.7	2.7	0.7128

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2I. Annual indices and trends in calling amphibian populations within coastal Lake Michigan-Huron routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	66.70	32.70	44.71	30.40	36.18	23.46	0.0211*	-4.5	-7.1	-1.5	0.0033**
BULL	6.463	14.96	5.797	23.49	20.42	17.39	0.1673	3.9	-1.1	9.8	0.13
CHFR	96.58	90.02	84.31	74.04	62.25	52.44	0.0005**	-13.4	-18.9	-7.6	0.0000**
GRFR	33.57	73.35	62.81	87.13	44.73	30.95	0.0000**	-8.2	-11.6	-4.4	0.0000**
GRTR	46.53	38.65	54.83	52.45	51.80	51.28	0.9482	0.0	-4.6	4.7	0.9895
NLFR	34.97	25.47	34.85	56.34	31.67	24.49	0.4697	-0.3	-5.1	5.3	0.9109
SPPE	83.97	96.45	92.76	89.32	85.87	75.64	0.292	-6.9	-12.5	-1.7	0.006**
WOFR	5.604	14.74	13.49	22.50	26.75	21.43	0.2603	4.2	-0.2	9.3	0.0617

P^1 - probability that significant year-to-year variation in population index occurred.

P^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2J. Annual indices and trends in calling amphibian populations within inland Lake Michigan-Huron routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	53.38	64.92	59.37	53.82	38.21	50.00	0.367	-2.7	-7.1	1.8	0.2449
BULL	8.650	21.02	15.71	17.32	29.63	40.00	0.6336	6.6	-2.3	15.7	0.1468
CHFR	70.47	58.15	32.08	20.03	21.74	9.091	0.0034**	-4.0	-5.4	-2.1	0.0001**
GRFR	59.13	54.51	70.12	86.56	69.74	48.84	0.0299*	0.8	-4.4	6.0	0.7625
GRTR	48.58	80.72	53.46	66.47	42.71	60.47	0.0059**	-1.9	-6.7	2.7	0.418
NLFR	68.10	72.59	68.53	73.01	69.64	41.67	0.5236	-3.1	-8.5	2.5	0.2732
SPPE	92.91	91.76	92.29	92.71	86.17	93.02	0.9445	-0.5	-3.1	1.5	0.6669
WOFR	35.54	32.50	22.53	23.57	31.63	23.81	0.7012	-1.6	-5.0	2.2	0.3851

P^1 - probability that significant year-to-year variation in population index occurred.

P^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2K. Annual indices and trends in calling amphibian populations within coastal Lake Erie routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower	upper	P^2
	1995	1996	1997	1998	1999	2000			95% C.I.	95% C.I.	
AMTO	18.87	36.89	14.11	47.18	26.80	36.51	0.0116*	2.0	-2.4	6.6	0.3810
BULL	89.52	84.42	87.59	87.73	68.12	57.38	0.0025**	-8.7	-13.7	-3.6	0.0005**
CHFR	8.597	18.39	9.768	9.529	26.68	27.45	0.2934	4.6	-1.4	11.1	0.1317
GRFR	70.33	57.28	58.73	58.87	46.95	40.28	0.3114	-5.1	-9.4	-0.5	0.0281*
GRTR	27.51	54.18	48.64	23.46	25.16	23.08	0.0973	-3.1	-6.7	1.1	0.1374
NLFR	63.62	86.18	82.89	95.60	69.89	73.61	0.0002**	1.0	-3.1	4.8	0.6215
SPPE	19.12	56.13	48.40	71.40	43.62	51.56	0.0058**	5.1	-0.6	10.6	0.0772
WOFR	41.64	21.60	0.000	5.360	16.14	3.226	0.0137*	-0.6	-1.6	1.0	0.3656

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2L. Annual indices and trends in calling amphibian populations within inland Lake Erie routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower	upper	P^2
	1995	1996	1997	1998	1999	2000			95% C.I.	95% C.I.	
AMTO	56.96	74.63	62.55	50.28	41.43	54.55	0.1178	-3.6	-8.2	1.1	0.1314
BULL	27.46	22.62	48.69	53.52	41.76	50.00	0.3707	3.5	-2.2	9.0	0.226
CHFR	78.17	72.50	45.89	69.12	65.93	34.43	0.0125*	-5.0	-9.7	0.2	0.0544
GRFR	72.65	65.38	64.27	78.43	67.66	76.84	0.6108	1.7	-2.0	4.9	0.3585
GRTR	20.97	31.32	47.27	55.80	30.69	62.50	0.0327*	4.2	-1.1	9.2	0.1155
NLFR	67.67	74.71	70.54	75.49	25.52	33.33	0.0000**	-8.8	-12.7	-4.5	0.0001**
SPPE	100.00	78.94	88.33	93.24	88.28	83.33	0.0853	-4.2	-10.8	1.2	0.1284
WOFR	13.77	75.57	53.78	46.91	56.99	37.50	0.0264*	-0.3	-6.3	6.1	0.9275

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2M. Annual indices and trends in calling amphibian populations within coastal Lake Ontario routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	64.57	29.05	35.23	53.83	80.28	39.13	0.0004**	1.3	-2.9	5.6	0.5533
BULL	78.91	21.80	67.21	68.63	89.60	40.91	0.0445*	1.3	-7.3	10.3	0.7778
CHFR	77.62	36.15	39.58	51.18	67.99	47.06	0.5114	-0.2	-7.8	7.4	0.9529
GRFR	77.18	86.54	81.15	100.0	47.14	56.76	0.0000**	-5.3	-11.1	0.4	0.0643
NLFR	13.82	23.42	42.29	79.58	30.76	45.45	0.0017**	6.7	1.8	11.7	0.0068**
SPPE	11.55	6.118	30.51	76.30	13.39	53.49	0.0002**	10.4	3.8	16.5	0.0015**
WOFR	20.61	40.15	38.70	40.60	4.12	19.23	0.0738	-3.3	-6.8	1.1	0.1212

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.

Table 2N Annual indices and trends in calling amphibian populations within inland Lake Ontario routes, 1995-2000.

Species	Annual Indices						P^1	Trend (%/yr)	lower 95% C.I.	upper 95% C.I.	P^2
	1995	1996	1997	1998	1999	2000					
AMTO	69.72	56.76	71.53	42.36	34.18	51.72	0.5190	-2.7	-10.1	4.6	0.4701
BULL	77.38	77.26	79.07	75.10	70.92	27.27	0.0258*	-5.7	-9.7	-1.0	0.0168*
CHFR	63.78	25.08	20.79	53.36	0.000	20.00	0.0029**	-6.8	-11.2	-0.7	0.0222*
GRFR	66.74	86.41	86.64	87.93	55.76	81.82	0.1567	1.4	-2.7	4.9	0.4787
GRTR	50.76	72.75	61.19	63.95	66.87	62.50	0.8986	0.0	-7.6	7.1	0.9943
NLFR	30.74	40.03	47.00	36.63	41.80	54.84	0.6501	4.3	-1.6	10.0	0.1506

p^1 - probability that significant year-to-year variation in population index occurred.

p^2 - probability that population index trend between 1995-2000 differed from zero.

* - statistically significant at $P < 0.05$.

** - statistically significant at $P < 0.01$.