

Appendix A: Weights used to connect individual states, provinces and territories to wintering grounds farther south. Part 4. Northeastern U.S. States (PIF-Northeast Region)

(Part of Blancher et al. 2006. PIF Technical Series No. 4.)⁴

Priority Species ¹	Map Weights for Priority Species in each State ²										
	CT ³	DE	MA	ME	NH	NJ	NY	PA	RI	VT	WV
Northern Harrier										0.04	
Broad-winged Hawk	0.52	0.00	0.32	1.26	1.12	0.27	0.87	0.68	0.23		
Black Rail		2.00				1.94					
Clapper Rail	0.73		1.17			0.63	0.36		1.19		
King Rail	0.15						0.12	0.58			0.11
Virginia Rail	0.12			0.06			0.21				
Killdeer							0.45	0.21		0.17	
Upland Sandpiper			0.01	0.11			0.05	0.00		0.00	
American Woodcock	0.18		1.57	1.06	0.74		0.83	0.50		0.83	
Black-billed Cuckoo	0.18	0.03	0.38	0.47	0.63	0.31	1.02	1.36		0.37	0.24
Yellow-billed Cuckoo		0.10				0.18		0.25			
Whip-poor-will	0.11	0.42	0.11	0.10	0.14	1.36	0.03	0.13		0.05	0.15
Chimney Swift	0.52	0.24	0.72	0.29	0.81	0.79	0.54	1.17	0.18	0.38	
Yellow-bellied Sapsucker	0.06		0.56	2.19	0.97		1.84			1.39	
Northern Flicker									0.02		0.00
Olive-sided Flycatcher				0.25	0.04		0.02			0.04	
Eastern Wood-Pewee	0.43	0.27	0.63			0.84	1.07	1.19			0.49
Acadian Flycatcher	0.03	0.33			0.01	0.12	0.01	1.57			2.25
Willow Flycatcher	0.16	0.04	0.13	0.03	0.09	0.32	1.76	0.97	0.03	0.51	0.08
Great Crested Flycatcher	0.35	0.17	0.38	0.46	0.59	0.56	0.78	0.60	0.21		
Eastern Kingbird	0.16	0.07	0.34	0.26	0.51	0.29	0.54	0.20	0.04		
Loggerhead Shrike											0.00
Yellow-throated Vireo	0.89	0.07	0.23	0.04	0.21	0.59	0.67	0.80	0.34		1.16
Sedge Wren				0.00			0.00				
Marsh Wren	0.31	0.22	0.06	0.05	0.03		0.12				
Veery	0.79		0.75	2.20	2.19		1.67			2.04	
Bicknell's Thrush				2.13	6.91		3.41			7.75	
Wood Thrush	1.71	0.61	1.44	1.22	2.33	1.66	3.36	2.78	0.54	2.28	1.57
Brown Thrasher				0.04	0.06			0.23		0.08	0.16
Blue-winged Warbler	8.00	0.01	4.13		0.83	3.19	6.24	3.65	2.48	0.09	2.91
Golden-winged Warbler			0.19			0.12	1.31	1.13		0.23	0.78
Northern Parula	0.02		0.02	4.05	0.77		0.27			0.40	
Chestnut-sided Warbler	0.49		0.53	1.58	1.75		1.55			1.99	
Cape May Warbler				0.74	0.07		0.02			0.01	
Black-throated Blue Warbler	0.49		1.53	4.66	4.60		3.56			4.42	
Black-throated Green Warbler	0.11		0.39	2.08	1.74		1.36			1.37	
Blackburnian Warbler	0.07		0.43	1.60	1.67	0.02	1.54	0.92			0.02
Yellow-throated Warbler						0.04		0.14			1.99
Prairie Warbler	0.50	0.18	0.93	0.07	0.13	2.92	0.42	0.51	0.65	0.04	0.58
Bay-breasted Warbler				0.97	0.18		0.03				
Cerulean Warbler	0.21				0.04	0.49	0.24	2.91			7.67
Black-and-white Warbler	0.54	0.01	0.66	1.94	1.74	0.26	0.68	0.43	0.17		0.28
Prothonotary Warbler		0.31				0.08	0.00	0.01			
Worm-eating Warbler	1.67	1.23	0.09			0.81	0.53	2.13	0.43		2.69

Priority Species ¹	Map Weights for Priority Species in each State ²										
	CT ³	DE	MA	ME	NH	NJ	NY	PA	RI	VT	WV
Swainson's Warbler											0.70
Louisiana Waterthrush	2.20	0.17	1.11		0.87		1.20	2.85		1.79	2.39
Kentucky Warbler		0.11				0.10	0.00	0.46			1.44
Hooded Warbler						0.15	0.25	1.17			1.39
Canada Warbler	0.19		0.27	1.83	1.02	0.00	0.84	0.27	0.04	0.92	0.05
Yellow-breasted Chat						0.02	0.00	0.11			0.38
Summer Tanager								0.00			0.07
Scarlet Tanager	1.54	0.31	1.91	1.18	2.64	1.30	2.44	5.01	0.78		2.14
Eastern Towhee	0.39		1.03	0.12	0.19	1.54	0.46	1.48	0.74		0.44
Field Sparrow				0.03	0.07		0.34	0.23		0.19	0.07
Grasshopper Sparrow		0.03			0.00	0.03	0.04	0.16			0.03
Henslow's Sparrow							0.95	1.02			0.04
Saltmarsh Sharp-tailed Sparrow	10.00	5.13	10.00	1.83	0.89	10.00	3.10		10.00		
Seaside Sparrow		10.00	0.20			2.31	0.07				
Rose-breasted Grosbeak	0.37	0.00	0.48	0.95	0.99	0.13	1.54	1.01	0.06	0.94	
Indigo Bunting	0.05		0.07			0.23	0.51	1.15			0.72
Dickcissel		0.00				0.00	0.00	0.00			0.00
Bobolink	0.13		0.42	1.07	1.17	0.03	2.78	0.71	0.01	1.49	
Eastern Meadowlark										0.07	
Rusty Blackbird				0.05	0.02					0.01	
Baltimore Oriole	0.90	0.06	1.29	0.37	1.09	0.91	2.02	1.31	0.24	0.99	
Purple Finch				0.67	0.15					0.13	

¹ Priority Species (Species of Conservation Importance) for U.S. states from Rosenberg (2004). Year-round resident species are not included here, nor in maps.

² Map weights determined by the proportion of a species' world population that breeds in the state and then migrates beyond state borders for the winter. Average weight in each state adjusted to 1.0. Bold type highlights species with weights ≥ 1 (i.e. at or above state average).

³ Standard 2-letter acronyms for each state: CT=Connecticut; DE=Delaware; MA=Massachusetts; ME=Maine; NH=New Hampshire; NJ=New Jersey; NY=New York; PA=Pennsylvania; RI=Rhode Island; VT=Vermont; WV=West Virginia.

⁴ Blancher, P.J., B. Jacobs, A. Couturier, C.J. Beardmore, R. Dettmers, E.H. Dunn, W. Easton, E.E. Inigo-Elias, T.D. Rich, K.V. Rosenberg and J.M. Ruth. 2006. Making Connections for Bird Conservation: Linking States, Provinces & Territories to Important Wintering and Breeding Grounds. Partners in Flight Technical Series No. 4. <http://www.partnersinflight.org/pubs/ts/04-Connections>

Downloadable Excel file includes all states, provinces and territories, and includes scientific names and file sequence numbers for re-sorting file to taxonomic order.