

# Movement Matrix (12/31/2021): From Places/Cities in Boulder and Broomfield County To Elsewhere

Marshall Fire: Boulder County, CO (30 December, 2021 - 5 January, 2022)

From							
Broomfield, Broomfield		Boulder, Boulder	Gunbarrel, Boulder	Lafayette, Boulder	Longmont, Boulder	Louisville, Boulder	Superior, Boulder
To	Arvada, Jefferson	0.79		3.50			4.00
	Berthoud, Larimer				1.09		
	Boulder, Boulder	0.45		0.12	4.00	2.94	1.88
	Brighton, Adams			4.00			
	Broomfield, Broomfield	0.95	2.71	1.26		2.28	3.70
	Centennial, Arapahoe	4.00					
	Dacono, Weld				0.46		
	Denver, Denver	2.55	1.33		4.00		3.88
	Erie, Boulder					4.00	
	Erie, Weld		1.24	0.92			4.00
	Federal Heights, Adams	0.91					
	Firestone, Weld		4.00		1.00	0.17	
	Frederick, Weld		1.38		1.46		
	Glendale, Arapahoe	3.50					
	Greeley, Weld				1.19		
	Gunbarrel, Boulder		1.50				
	Lafayette, Boulder	4.00	0.38	1.37	1.50	0.59	
	Longmont, Boulder	0.26	1.57	2.12	3.05	0.33	1.71
	Loveland, Larimer				0.29		
	Northglenn, Adams	0.21	1.52				
	Shaw Heights, Adams		4.00				3.50
	Thornton, Adams	1.34	0.87	2.03			
	Westminster, Adams	2.25				4.00	3.30
	Westminster, Jefferson		0.39				

•Values in the matrix represent the strength of movement from Place A to Place B. It is calculated using z-score of population change, a metric representing the departure from the pre-crisis situation. Z-score of the movement across places was calculated as an average of all 1-km tile-level vectors with origins and destinations located inside the places.