Supplemental Table 1 Standardized rate of persons vaccinated against mpox by race, ethnicity, and rural designation in New Mexico during 1 June 2022–31 January 2023

	Rural population	Rural rate[a]	Urban population	Urban rate[a]
Overall	702,016	4.5	1,418,173	18.7
Race				
AI/AN[b]	103,882	14.2	143,446	15.8
Asian	11,110	6.3	37,109	26.7
Black	21,294	2.3	47,595	23.3
White	565,729	2.5	1,190,023	17.5
Hispanic or Latino[c]	338,625	2.7	714,477	15.1
White, non-Hispanic or Latino	351,485	2.0	727,452	16.4

[a] Rate per 10,000
[b] AI/AN = American Indian or Alaska Native.
[c] Includes all race identities.

Supplemental Table 2 Equitable distribution index (EDI) of persons vaccinated against mpox in Idaho and New Mexico by rurality during 1 June 2022–31 January 2023

	Combined		Idaho		New Mexico		
	Rural Median (IQR*) or No. (%)	**Urban** Median (IQR*) or No. (%)	**Rural** Median (IQR*) or No. (%)	**Urban** Median (IQR*) or No. (%)	**Rural** Median (IQR*) or No. (%)	**Urban** Median (IQR*) or No. (%)	**p < 0.005**[a] ID, NM, or Combined (CB)
Total	336 (9)	3,482 (91)	57 (6)	835 (94)	279 (10)	2,647 (90)	
EDI Categories							
Low (score <0.333)	16 (5)	203 (6)	8 (14)	122 (14)	8 (3)	81 (3)	ID, NM, CB
Medium (score 0.333-0.666)	24 (7)	1,051 (30)	14 (25)	482 (58)	10 (4)	569 (22)	ID, NM, CB
High (score > 0.666)	296 (88)	2,228 (64)	35 (61)	231 (28)	261 (94)	1,997 (75)	ID, NM, CB
EDI Scores							
Overall	0.92 (0.78–0.99)	0.71 (0.49–0.88)	0.69 (0.39–0.82)	0.43 (0.36–0.71)	0.97 (0.83–0.99)	0.77 (0.67–0.94)	ID, NM, CB
Socioeconomic status	0.80 (0.65–0.96)	0.53 (0.31–0.71)	0.59 (0.44–0.67)	0.38 (0.23–0.53)	0.87 (0.72–0.98)	0.62 (0.39–0.86)	ID, NM, CB
Housing composition and disability	0.88 (0.66–0.95)	0.47 (0.27–0.66)	0.66 (0.41–0.85)	0.27 (0.09–0.42)	0.91 (0.71–0.96)	0.52 (0.28–0.68)	ID, NM, CB
Minority status and language	0.90 (0.82–0.94)	0.83 (0.70–0.90)	0.56 (0.53–0.76)	0.61 (0.55–0.65)	0.90 (0.86–0.95)	0.87 (0.80–0.93)	NM, CB
Housing type and transportation	0.78 (0.66–0.97)	0.82 (0.63–0.93)	0.69 (0.46–0.82)	0.74 (0.54–0.89)	0.83 (0.71–0.98)	0.85 (0.66–0.96)	

*IQR = Interquartile range

[a] *P* values calculated using Wilcoxon rank-sum and chi-square for continuous and categorical data, respectively.