

TABLE 1. ICD-10-CM Codes and Chief Complaint Keywords Used in Versions of the ESSENCE Mpx Query

Initial version of ESSENCE mpx query (May 20-24, 2023)			Final version of ESSENCE mpx query (May 25, 2023)	
	Code/Keyword	Description	Code/Keyword	Description
Criteria 1				
One of the following ICD-10 codes/chief complaint keywords	B08	Other viral infections characterized by skin and mucous membrane lesions, not elsewhere classified	B08	
	B08.[0,2,3,4,5,6,7] and all subcodes	Other orthopoxvirus infections	B08.0	
	B09	Unspecified viral infection characterized by skin and mucous membrane lesions	B08.09	Other orthopoxvirus infections
	I88	Nonspecific lymphadenitis	B09	
	I88.[0,8, or 9] and all subcodes	Nonspecific mesenteric lymphadenitis, Other nonspecific lymphadenitis, Nonspecific lymphadenitis, unspecified	<i>R21</i>	Rash and other nonspecific skin eruption
	L04 and all subcodes	Acute lymphadenitis	L98.9	
	L98.9	Disorder of the skin and subcutaneous tissue, unspecified	<i>Rash (and not “crash” or “no rash”)</i>	
	R59 and all subcodes	Enlarged lymph nodes		
AND			AND	
One of the following ICD-10 codes/chief complaint keywords	R50	Fever of other and unknown origin	I88	
	R50.9	Fever, unspecified	I88.[0,8, or 9] and all subcodes	
	R51 and all subcodes	Headache	L04 and all subcodes	
	R53.1	Weakness	<i>M54 and all subcodes</i>	Dorsalgia
	R53.8	Other malaise and fatigue	<i>M79.1</i>	Myalgia
			R50	
			R50.9	
			R51 and all subcodes	Headache
			<i>R52</i>	Pain, unspecified
			R53.1	
			<i>R59 and all subcodes</i>	Enlarged lymph nodes
			Swollen lymph node	
		Fever (and not “no fever”)		
		Body ache (or “bodyache”)		
Criteria 2				
One of the following ICD-10 codes/chief complaint keywords	B04	Monkeypox	B04	
	Monkeypox		Monkeypox (or “monkey pox”)	
			Orthopox	
			Monkey	

Abbreviations: ICD-10-CM, International Classification of Diseases, 10th Revision, Clinical Modification; ESSENCE, Electronic Surveillance System for Early Notification of Community-based Epidemics.