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Respiratory Disease Surveillance in the Middle East and Latin America during the COVID-19 Pandemic, 2020–2022

Appendix

Appendix Table 1. Sites names by target population and region in Jordan and six Latin American countries, 2020–2022

ILI sites	SARI sites
Jordan	
1- Amman AlShamel primary healthcare center located in Amman Governorate (the capital)	1- Prince Hamza Hospital located in Amman Governorate center of Jordan
2- Alsareeh primary healthcare center located in Irbid Governorate, north of Jordan	2- King Abdullah University Hospital located in Irbid Governorate, north of Jordan
3- Almazar primary healthcare center located in Karak Governorate, South of Jordan	3- AlKark Hospital located in Karak Governorate, South of the kingdom
4- Jarash primary healthcare center located in Jerash Governorate, mid north between Amman and Irbid	4- AlZarqaa Hospital in Alzarqaa Governorate, northeast of Amman the capital
Guatemala	
1- FUNSALUD, primary health center, Caballo Blanco	N/A
Panama	
1- Meteti primary health located in the Darien region	N/A
Honduras	
1- MEDEL primary health center, JTF-Bravo, Comayagua	N/A
Colombia	
1- Hospital Pablo Tobon Uribe, Medellin	1- Hospital Pablo Tobon Uribe
2- Secretaria de Salud del Meta, Villavicencio	2- Secretaria de Salud del Meta
3- C.S. La Esperanza, Cartagena	
4- CAP. Blas de Lezo, Cartagena	
5- CAP. Canapote, Cartagena	
6- CAP. Nuevo Bosque, Cartagena	
7- CAP. Olaya Herrera, Cartagena	
Paraguay	
1- Hospital Regional de Boqueron, Mariscal Estigarribia	1- Hospital Regional de Boqueron
Peru	
1- C.S. Zarumilla, Tumbes	1- Hosp. Apoyo Iquitos, Loreto
2- C.S. Bagua, Amazonas	2- Hosp. Edgardo Rebagliati, Lima
3- C.S. Bellavista-Nanay, Loreto	3- Hosp. Militar Central, Lima
4- C.S. Quistococha, Loreto	4- Hosp. Regional Demarini Caro, Junin
5- C.S. Zungarococha, Loreto	5- Hosp. Regional FAP, Loreto
6- C.S. Jorge Chavez, Madre de Dios	6- Hosp. Regional Loreto, Loreto
7- C.S. La Joya, Madre de Dios	7- Hosp. Santa Gema, Loreto,
8- C.S. Nuevo Milenio, Madre de Dios	
9- C.S. Pachitea, Piura	
10- C.S. San Jeronimo, Cusco	
11- Spanish Schools, Cusco (Western Travelers)	
12- Hosp. Apoyo Iquitos, Loreto	
13- Hosp. Regional Julio C.Demarini Caro, Junin	
14- Hosp. Regional Loreto, Loreto	
15- Hosp. Santa Gema, Loreto	
16- Clinica Naval, Iquitos (Navy), Loreto	

ILI sites	SARI sites
17- C.S. Militar (Army), Trujillo, La Libertad	
18- Hosp. Militar Santa Rosa (Army), Loreto	
19- Hosp. Regional FAP (Air Force), Loreto	
20- NAMRU SOUTH, Lima	
21- NAMRU SOUTH, Iquitos, Loreto	

Appendix Table 2. ILI and SARI case definitions used in in Jordan and six Latin American countries, 2020–2022

Country	ILI	SARI
Kingdom of Jordan	<p>WHO case definition</p> <p>An acute respiratory infection with:</p> <ul style="list-style-type: none"> • measured fever of 38 °C and cough • with onset within the last 10 days 	<p>An acute respiratory infection with:</p> <ul style="list-style-type: none"> • history of fever or measured fever of ≥ 38 C°. • and cough. • with onset within the last 10 days. • and requires hospitalization
Latin America	<p>WHO modified case definition</p> <p>An acute respiratory infection with:</p> <ul style="list-style-type: none"> • measured fever of 38°C in the last 48hrs • and cough or sore throat or rhinorrhea • with onset within the last 5 days 	<p>An acute respiratory infection with:</p> <ul style="list-style-type: none"> • history of fever or measured fever of 38°C; • cough or sore throat or rhinorrhea or • myalgia, with onset within the last 10 days and require hospitalization
	<p>Peruvian MoH COVID-19 case definition 2020-2022</p> <p>An acute respiratory infection with onset within the last 10 days with 2 or more of the following symptoms:</p> <ul style="list-style-type: none"> • cough or sore throat or myalgia or • stuffy nose or fever 	<p>An acute respiratory infection with onset within the last 10 days with 2 or more of the following symptoms:</p> <ul style="list-style-type: none"> • cough or sore throat or myalgia or • stuffy nose or fever • and requires hospitalization

Appendix Table 3. Respiratory pathogens tested by FTD-33 and Biofire RP 2.1. Tests used in in Jordan and six Latin America countries, 2020–2022.

Virus	FTD-33	RP 2.1
SARS-CoV-2	N	Y
Influenza virus		
influenza A	Y	Y
influenza A (H1N1) pdm09	Y	Y
influenza A (H1N1)	N	Y
influenza A (H3N2)	Y	Y
influenza B	Y	Y
influenza C	Y	N
Parainfluenza virus (PIV)		
PIV1	Y	Y
PIV2	Y	Y
PIV3	Y	Y
PIV4	Y	Y
Seasonal Coronavirus (CoV)		
CoV NL63	Y	Y
CoV 229E,	Y	Y
CoV OC43,	Y	Y
CoV HKU1	Y	Y
Human Metapneumovirus (hMPV) A&B	Y	Y
Rhinovirus/Enterovirus (RV/EV)	N	Y
Rhinovirus	Y	N
Enterovirus	Y	N
Respiratory Syncytial Virus (RSV)A &B	Y	Y
Adenovirus	Y	Y
Parechovirus	Y	N
Bocavirus	Y	N
Bacteria		
<i>Pneumocystis jirovecii</i>	Y	N
<i>Mycoplasma pneumoniae</i>	Y	Y
<i>Chlamydia pneumoniae</i>	Y	Y
<i>Streptococcus pneumoniae</i> ,	Y	N

Virus	FTD-33	RP 2.1
<i>Hemophilus influenzae</i>	Y	N
<i>Hemophilus influenzae</i> type B	Y	N
<i>Staphylococcus aureus</i>	Y	N
<i>Moraxella catarrhalis</i>	Y	N
<i>Bordetella</i> species (excluding <i>B. parapertussis</i>)	Y	Y
<i>Bordetella pertussis</i>	N	Y
<i>Bordetella parapertussis</i>	Y	N
<i>Klebsiella pneumoniae</i>	Y	N
<i>Legionella</i> sp	Y	N
<i>Salmonella</i> sp	Y	N