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## Overview

This profile presents findings from the WHO national pulse survey on continuity of essential health services during the COVID-19 pandemic.

## Background

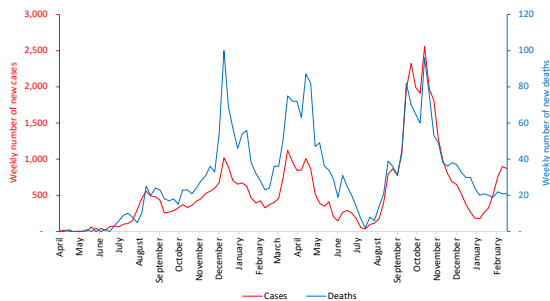
<b>Region</b>	EMR	<b>Income Group</b>	Low income	<b>Life Expectancy (years)</b>	72.7
<b>Population</b>	17,500,658	<b>GDP (USD per capita)</b>	Not available	<b>Population 60 and over (%)</b>	7.5%

## Survey participation

Round 1 surveys	Submission Date	Round 3 survey sections	Submission Date
Essential Health Services	31-May-20	Continuity of essential health services module	28-Feb-22
Noncommunicable diseases	14-May-20	Sexual, reproductive, maternal, newborn, child and adolescent health	28-Feb-22
Mental, neurological, and substance use disorders	Did not participate	Nutrition	28-Feb-22
		Immunization	28-Feb-22
		Human immunodeficiency virus and hepatitis	28-Feb-22
<b>Round 2 survey sections</b>			
Health system functions	18-Mar-21	Tuberculosis	28-Feb-22
Reproductive, maternal, newborn, child and adolescent health and nutrition	26-Feb-21	Malaria	28-Feb-22
Immunization	18-Mar-21	Neglected tropical diseases	28-Feb-22
Human immunodeficiency virus and hepatitis	26-Feb-21	Mental health, neurology and substance use disorders	28-Feb-22
Tuberculosis	26-Feb-21	Care for older people	28-Feb-22
Malaria	26-Feb-21		
Neglected tropical diseases	26-Feb-21		
Noncommunicable diseases	26-Feb-21		
Mental, neurological, and substance use disorders	26-Feb-21		

## Transmissibility timeline

Weekly number of new COVID-19 cases and deaths



	Cases	Deaths
Peak	2,557	100
Peak date	2021-10-17	2020-12-13
Latest	872	21
Proportion	34%	21%

## Summary of disruptions

### Syrian Arab Republic

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Trend over three rounds
Percentage of essential health services disrupted	12%	18%	49%	
Number of essential health services disrupted	2 out of 17 services	8 out of 44 services	26 out of 53 services	

Regional comparison  
(round 3)

Global comparison  
(round 3)

Average% of services disrupted



Denominator excludes services that were not reported on and services for which Not applicable and Do not know responses were submitted

### Level of service disruption by service group

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)
Primary care	Not applicable	No services disrupted	All services disrupted
Emergency, critical, and operative care	No services disrupted	Some services disrupted	All services disrupted
Rehabilitative and palliative services	All services disrupted	Some services disrupted	All services disrupted
Community care	Not included in round 1	Not included in round 2	All services disrupted
Hospital inpatient services	Not included in round 1	Not included in round 2	All services disrupted
Appointments with specialists	Not included in round 1	Not included in round 2	All services disrupted
Sexual, reproductive, maternal, newborn, child and adolescent health	No services disrupted	No services disrupted	Some services disrupted
Nutrition	No services disrupted	No services disrupted	No services disrupted
Immunization	No services disrupted	No services disrupted	All services disrupted
Communicable disease	No services disrupted	Some services disrupted	No services disrupted
Neglected Tropical Diseases	Not applicable	Some services disrupted	Some services disrupted
Cancer services	No services disrupted	All services disrupted	All services disrupted
Mental, neurological, and substance use (MNS) disorders	Not applicable	Some services disrupted	No services disrupted
Care for older people	Not included in round 1	Not included in round 2	All services disrupted

## Disruptions across service delivery settings and platforms

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)		Regional comparison	Global comparison
<b>Primary care</b>	Not included in round 1	No services disrupted	All services disrupted	Level of disruption May-Oct 2021 compared to Q1 2021		
Routine scheduled visits	Not included in round 1	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	56%	58%
Visits for undifferentiated symptoms	Not included in round 1	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	63%	59%
Prescription renewals for chronic medications	Not included in round 1	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	38%	44%
	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Level of disruption May-Oct 2021 compared to Q1 2021		
<b>Emergency, critical and operative care</b>	No services disrupted	Some services disrupted	All services disrupted			
Ambulance services at the scene	Not included in round 1	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	38%	38%
24-hour emergency room/unit services	Less than 5% (including 0%)	Less than 5% (including 0%)	26-50%	Still disrupted, better than Jan-March 2021	38%	34%
Elective surgeries	Not included in round 1	26-50%	26-50%	Still disrupted, better than Jan-March 2021	43%	59%
Emergency surgeries	Less than 5% (including 0%)	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	14%	24%

% of countries

■ More than 50%   
■ 26 - 50%   
■ 5 - 25%

### Trends in the backlogs in the previous 6 months:

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Regional comparison	Global comparison
Elective surgeries and procedures	Not included in round 1	Decreased	Decreased	50%	39%
Appointments with specialists (outpatient)	Not included in round 1	Not included in round 2	Decreased	50%	47%
Screening, diagnosis and treatment of cancers	Not included in round 1	Not included in round 2	Decreased	33%	38%
Screening, diagnosis and treatment of NCDs	Not included in round 1	Not included in round 2	Decreased	14%	42%
Rehabilitation services	Not included in round 1	Not included in round 2	Decreased	25%	43%

% of countries



## Disruptions to tracer services

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Level of disruption May-Oct 2021 compared to Q1 2021	% of countries	
	No services disrupted	No services disrupted	Some services disrupted			
<b>Sexual, reproductive, maternal, newborn, child and adolescent health</b>						
Family planning and contraception	Less than 5% (including 0%)	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan- March 2021	33%	40%
Safe abortion	Not included in round 1	Not included in round 2	Do not know	No response	0%	27%
Post-abortion care services	Not included in round 1	Not included in round 2	Do not know	No response	0%	23%
Safe abortion and post-abortion care	Not included in round 1	Less than 5% (including 0%)	Not included in round 3	Not available		
Fertility care/infertility services	Not included in round 1	Not included in round 2	Do not know	No response	0%	29%
Identification and care for intimate partner violence	Not included in round 1	Not included in round 2	Do not know	No response	25%	34%
Response to sexual violence (post-rape care)	Not included in round 1	Not included in round 2	Do not know	No response	33%	33%
Intimate partner and sexual violence prevention and response	Not included in round 1	Less than 5% (including 0%)	Not included in round 3	Not available		
Antenatal care	Less than 5% (including 0%)	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan- March 2021	38%	34%
Facility-based births	Not included in round 1	Not included in round 2	5-25%	Still disrupted, better than Jan- March 2021	38%	26%
Postnatal care for women and newborns	Not included in round 1	Not included in round 2	5-25%	Still disrupted, better than Jan- March 2021	38%	30%
Neonatal intensive care unit (NICU) services	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Still disrupted, better than Jan- March 2021	13%	21%
Sick child services	Less than 5% (including 0%)	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, better than Jan- March 2021	25%	31%
Well-child visits	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Still disrupted, better than Jan- March 2021	25%	45%
Adolescent and youth friendly services	Not included in round 1	Not included in round 2	Do not know	No response	50%	47%
<b>Nutrition</b>						
	No services disrupted	No services disrupted	No services disrupted	Level of disruption May-Oct 2021 compared to Q1 2021	% of countries	
Counselling on infant and young-child feeding	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Still disrupted, better than Jan- March 2021	29%	56%
Screening for and/or management of moderate and severe wasting	Less than 5% (including 0%)	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, better than Jan- March 2021	57%	56%
Distribution of high dose vitamin A supplementation	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Still disrupted, better than Jan- March 2021	0%	49%

## Disruptions to tracer services (continued)

### Immunization

Routine facility-based immunization services

Routine outreach immunization services

### Communicable diseases

HIV prevention services

HIV testing services

Continuation of established ARV treatment

Initiation of new ARV treatment

Hepatitis B and C diagnosis and treatment

TB case detection and treatment

Malaria diagnosis and treatment

Campaigns for distribution of insecticide treated nets (ITN)

Malaria prevention campaigns: indoor residual spraying (IRS)

Malaria prevention campaigns: seasonal malaria chemoprevention (SMC)

Malaria surveillance

### Neglected Tropical Diseases

Diagnosis, treatment and care for NTDs

Large scale preventive chemotherapy campaigns for NTDs

Community awareness and health education campaigns for NTDs

Support for self-care, rehabilitation and psychosocial services for patients with chronic NTDs

Prescriptions for NTD medicines

Surgical procedures for NTDs

Round 1 (May-Sept 2020)

Round 2 (Jan-March 2021)

Round 3 (May-Oct 2021)

Regional comparison

Global comparison

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (May-Oct 2021)	Level of disruption May-Oct 2021 compared to Q1 2021	Regional comparison	Global comparison
<b>Immunization</b>	<b>No services disrupted</b>	<b>No services disrupted</b>	<b>All services disrupted</b>	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
Routine facility-based immunization services	Less than 5% (including 0%)	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	44%	50%
Routine outreach immunization services	Less than 5% (including 0%)	Less than 5% (including 0%)	5-25%	Still disrupted, better than Jan-March 2021	44%	49%
<b>Communicable diseases</b>	<b>No services disrupted</b>	<b>Some services disrupted</b>	<b>No services disrupted</b>	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
HIV prevention services	No response	Not applicable	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	50%	49%
HIV testing services	No response	5-25%	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	38%	51%
Continuation of established ARV treatment	Less than 5% (including 0%)	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	0%	20%
Initiation of new ARV treatment	No response	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	0%	31%
Hepatitis B and C diagnosis and treatment	No response	Do not know	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	20%	48%
TB case detection and treatment	Less than 5% (including 0%)	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	14%	50%
Malaria diagnosis and treatment	Not applicable	Not applicable	Not applicable	No response	0%	27%
Campaigns for distribution of insecticide treated nets (ITN)	Not applicable	Not applicable	Not applicable	No response	0%	36%
Malaria prevention campaigns: indoor residual spraying (IRS)	Not applicable	Not applicable	Not applicable	No response	0%	22%
Malaria prevention campaigns: seasonal malaria chemoprevention (SMC)	Not applicable	Not applicable	Not applicable	No response	0%	30%
Malaria surveillance	Not included in round 1	Not included in round 2	Not applicable	No response	0%	38%
<b>Neglected Tropical Diseases</b>	<b>Not applicable</b>	<b>Some services disrupted</b>	<b>Some services disrupted</b>	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
Diagnosis, treatment and care for NTDs	Not included in round 1	Less than 5% (including 0%)	5-25%	Still disrupted, no change from Jan-March 2021	50%	49%
Large scale preventive chemotherapy campaigns for NTDs	Not included in round 1	More than 50%	Less than 5% (including 0%)	Back to pre-pandemic levels	20%	52%
Community awareness and health education campaigns for NTDs	Not included in round 1	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	50%	53%
Support for self-care, rehabilitation and psychosocial services for patients with chronic NTDs	Not included in round 1	Not applicable	Less than 5% (including 0%)	Do not know	20%	40%
Prescriptions for NTD medicines	Not included in round 1	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	33%	32%
Surgical procedures for NTDs	Not included in round 1	Less than 5% (including 0%)	Not applicable	No response	50%	45%

More than 50%

26 - 50%

5 - 25%

## Disruptions to tracer services (continued)

### Cancer services

Cancer screening

Cancer treatment

### Mental, neurological, and substance use (MNS) disorders

Management of emergency of MNS manifestations

Psychotherapy/counselling/psychosocial interventions for MNS disorders

Availability of psychotropic medicines for management of MNS disorders

Services for children and adolescents with mental health conditions or disabilities

Services for older adults with mental health conditions or disabilities, including dementia

Neuroimaging and neurophysiology

School mental health programme

Inclusive schooling for children with special needs

Suicide prevention programme

Substance use prevention and management programs

Alcohol prevention and management programs

Critical harm reduction services

### Care for older people

Health and social care services in long-term care facilities

Health and social care services in the community

Provision of integrated health and social care services

Screening and assessment of physical and mental capacities

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)		Regional comparison	Global comparison
	<b>No services disrupted</b>	<b>All services disrupted</b>	<b>All services disrupted</b>	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
Cancer screening	Not included in round 1	5-25%	5-25%	Still disrupted, better than Jan-March 2021	50%	52%
Cancer treatment	Less than 5% (including 0%)	5-25%	5-25%	Still disrupted, better than Jan-March 2021	33%	41%
	<b>Not applicable</b>	<b>Some services disrupted</b>	<b>No services disrupted</b>	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
Management of emergency of MNS manifestations	No response	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	27%	30%
Psychotherapy/counselling/psychosocial interventions for MNS disorders	No response	5-25%	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	53%	49%
Availability of psychotropic medicines for management of MNS disorders	No response	Less than 5% (including 0%)	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	29%	38%
Services for children and adolescents with mental health conditions or disabilities	No response	Do not know	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	31%	41%
Services for older adults with mental health conditions or disabilities, including dementia	No response	Do not know	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	40%	45%
Neuroimaging and neurophysiology	Not included in round 1	Do not know	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	11%	34%
School mental health programme	No response	Do not know	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	55%	55%
Inclusive schooling for children with special needs	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	50%	47%
Suicide prevention programme	No response	Not applicable	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	33%	45%
Substance use prevention and management programs	No response	Not applicable	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	20%	48%
Alcohol prevention and management programs	No response	Not included in round 2	Less than 5% (including 0%)	Still disrupted, no change from Jan-March 2021	11%	53%
Critical harm reduction services	No response	Not applicable	Do not know	No response	33%	50%
	<b>Not applicable</b>	<b>Not applicable</b>	<b>All services disrupted</b>	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
Health and social care services in long-term care facilities	Not included in round 1	Not included in round 2	5-25%	Still disrupted, no change from Jan-March 2021	33%	52%
Health and social care services in the community	Not included in round 1	Not included in round 2	5-25%	Still disrupted, no change from Jan-March 2021	50%	59%
Provision of integrated health and social care services	Not included in round 1	Not included in round 2	5-25%	Still disrupted, no change from Jan-March 2021	50%	52%
Screening and assessment of physical and mental capacities	Not included in round 1	Not included in round 2	5-25%	Still disrupted, no change from Jan-March 2021	57%	61%

More than 50%

26 - 50%

5 - 25%

## Health system bottlenecks and priority needs to support delivery of COVID-19 essential tools

COVID-19 diagnostic and testing	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Regional comparison	Global comparison
<b>Top three bottlenecks for potential scale up</b>					
				% of countries	
Lack of funding	Not included in round 1	Not included in round 2	✓	40%	50%
Health workforce challenges	Not included in round 1	Not included in round 2	-	30%	55%
Shortages in laboratory supplies and equipment	Not included in round 1	Not included in round 2	✓	40%	47%
Lack of distribution capacity	Not included in round 1	Not included in round 2	✓	10%	11%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	20%	11%
Lack of data/information	Not included in round 1	Not included in round 2	-	20%	11%
Demand-side challenges	Not included in round 1	Not included in round 2	-	20%	21%
Other	Not included in round 1	Not included in round 2	Nothing additional		

<b>Top three technical assistance or support interventions needed to address bottlenecks?</b>					
				% of countries	
<b>Financial planning support</b>	Not included in round 1	Not included in round 2	✓	40%	45%
Health worker recruitment, retention and training	Not included in round 1	Not included in round 2	✓	30%	50%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	✓	30%	16%
Surge procurement of COVID-19 laboratory supplies and equipment	Not included in round 1	Not included in round 2	-	0%	35%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	40%	16%
Rapid tools or guidance to assess and monitor gaps and health system absorption capacities	Not included in round 1	Not included in round 2	-	40%	20%
Risk communication and community engagement strategies	Not included in round 1	Not included in round 2	-	30%	27%
Other	Not included in round 1	Not included in round 2	-		



<b>COVID-19 case management</b>	<b>Round 1</b> (May-Sept 2020)	<b>Round 2</b> (Jan-March 2021)	<b>Round 3</b> (Nov-Dec 2021)	<b>Regional comparison</b>	<b>Global comparison</b>
<b>Top three bottlenecks for potential scale up</b>					
				% of countries	
Lack of funding	Not included in round 1	Not included in round 2	✓	30%	41%
Health workforce challenges	Not included in round 1	Not included in round 2	-	20%	63%
Shortages in COVID-19 therapeutics and equipment	Not included in round 1	Not included in round 2	✓	50%	41%
Lack of distribution capacity	Not included in round 1	Not included in round 2	-	0%	15%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	✓	30%	12%
Lack of data/information	Not included in round 1	Not included in round 2	-	30%	17%
Demand-side challenges	Not included in round 1	Not included in round 2	-	20%	17%
Other	Not included in round 1	Not included in round 2	Nothing additional		

<b>Top three technical assistance or support interventions needed to address bottlenecks?</b>				<b>Regional comparison</b>	<b>Global comparison</b>
				% of countries	
Financial planning support	Not included in round 1	Not included in round 2	✓	30%	35%
Health worker recruitment, retention and training	Not included in round 1	Not included in round 2	✓	30%	61%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	-	10%	12%
Surge procurement of COVID-19 related therapeutics and equipment	Not included in round 1	Not included in round 2	✓	20%	45%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	40%	24%
Rapid tools or guidance to assess and monitor gaps and health system absorption capacities	Not included in round 1	Not included in round 2	-	30%	19%
Risk communication and community engagement strategies	Not included in round 1	Not included in round 2	-	30%	18%
Other	Not included in round 1	Not included in round 2	Nothing additional		

<b>PPE distribution and use</b>	<b>Round 1</b> (May-Sept 2020)	<b>Round 2</b> (Jan-March 2021)	<b>Round 3</b> (Nov-Dec 2021)	<b>Regional comparison</b>	<b>Global comparison</b>
<b>Top three bottlenecks for potential scale up</b>					
				% of countries	
Lack of funding	Not included in round 1	Not included in round 2	✓	10%	34%
Health workforce challenges	Not included in round 1	Not included in round 2	✓	60%	37%
Shortages in PPE	Not included in round 1	Not included in round 2	-	10%	33%
Lack of distribution capacity	Not included in round 1	Not included in round 2	✓	20%	22%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	20%	11%
Lack of data/information	Not included in round 1	Not included in round 2	-	50%	27%
Other	Not included in round 1	Not included in round 2	Nothing additional		

### Top three technical assistance or support interventions needed to address bottlenecks?

	Not included in round 1	Not included in round 2		% of countries	
Financial planning support	Not included in round 1	Not included in round 2	✓	20%	29%
Health worker training on appropriate use of PPE	Not included in round 1	Not included in round 2	✓	50%	36%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	-	30%	26%
Surge procurement of PPE	Not included in round 1	Not included in round 2	-	10%	28%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	20%	20%
Rapid tools or guidance to assess and monitor gaps and health system absorption capacities	Not included in round 1	Not included in round 2	✓	50%	32%
Other	Not included in round 1	Not included in round 2	Nothing additional		

### COVID-19 vaccination

Round 1  
(May-Sept 2020)

Round 2  
(Jan-March 2021)

Round 3  
(Nov-Dec 2021)

Regional comparison

Global comparison

#### Top three bottlenecks for potential scale up

	Not included in round 1	Not included in round 2		% of countries	
Lack of funding	Not included in round 1	Not included in round 2	-	20%	29%
Health workforce challenges	Not included in round 1	Not included in round 2	✓	10%	36%
Shortages in vaccines and equipment	Not included in round 1	Not included in round 2	✓	20%	19%
Lack of distribution capacity	Not included in round 1	Not included in round 2	-	20%	11%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	10%	16%
Demand-side challenges	Not included in round 1	Not included in round 2	✓	50%	57%
Other	Not included in round 1	Not included in round 2	Nothing additional		

### Top three technical assistance or support interventions needed to address bottlenecks?

	Not included in round 1	Not included in round 2		% of countries	
Financial planning support	Not included in round 1	Not included in round 2	✓	20%	26%
Health worker recruitment, retention and training	Not included in round 1	Not included in round 2	✓	10%	32%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	✓	20%	8%
Procurement of vaccines	Not included in round 1	Not included in round 2	-	20%	19%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	20%	17%
Rapid tools or guidance to assess and monitor gaps and health system absorption capacities	Not included in round 1	Not included in round 2	-	20%	26%
Risk communication and community engagement strategies	Not included in round 1	Not included in round 2	-	40%	49%
Other	Not included in round 1	Not included in round 2	Nothing additional		

### Disruption to in-country supply chain system

Not included in round 1	Yes	Yes	% of countries with disruption to in-country supply chain system	
			22%	45%

## Health system and services responsiveness

### National policies, plans and mechanisms to support continuity of essential health services (EHS)

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Regional comparison	Global comparison
				% of countries responding yes	
Country had defined national EHS package prior to COVID-19 pandemic	Yes	Yes	Not included in round 3		Not available
Government has defined EHS to be maintained during COVID-19	Yes	Yes	Not included in round 3		Not available
Country developed or revised a health system recovery plan to strengthen health service resilience and preparedness for future public health emergencies	Not included in round 1	Not included in round 2	Not yet, but planning to develop	70%	49%
Government has allocated additional funding to maintain EHS during COVID-19	Don't Know	No	Yes	78%	74%
Government has allocated additional funding for longer-term recovery and/or health service resilience and preparedness	Not included in round 1	Not included in round 2	Do not know	67%	70%
Sub-areas where investments have been made					
New facility infrastructure	Not included in round 1	Not included in round 2	N/A	75%	73%
Digital health technologies and infrastructure	Not included in round 1	Not included in round 2	N/A	75%	76%
Health workforce capacity strengthening	Not included in round 1	Not included in round 2	N/A	75%	87%
Access to medicines, supplies and other health products	Not included in round 1	Not included in round 2	N/A	100%	91%
Technologies and methods to support infodemic management	Not included in round 1	Not included in round 2	N/A	75%	69%

### Decision-making and/or development of policies and strategies for adapting and restoring essential health services during COVID-19

Central Ministry of Health	Not included in round 1	Not included in round 2	✓	90%	94%
Decentralized Health Authorities	Not included in round 1	Not included in round 2	✓	90%	49%
Individual facilities	Not included in round 1	Not included in round 2	✓	30%	25%

## Information tracking

Regularly monitoring the continuity of EHS during COVID-19

Not included in round 1	Yes	Yes
Not included in round 1	Yes	Yes
Not included in round 1	Not included in round 2	Yes

If yes, does it include monitoring mitigation or recovery strategies

If yes, does it include monitoring of the long-term effects of essential health service disruptions

Existence of team dedicated to tracking and addressing the infodemic and health misinformation during COVID-19

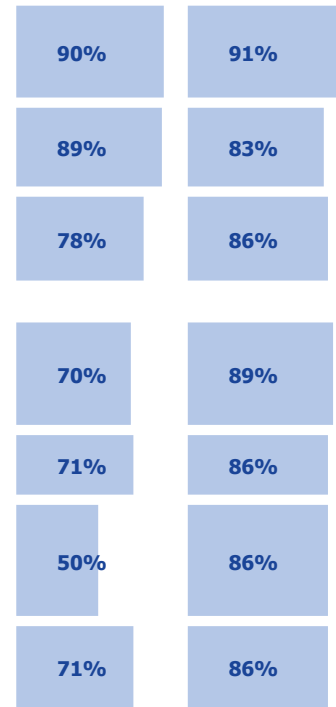
Collecting or collating data on comorbidities in COVID-19 patients

Collecting or collating patient-level data on post-COVID-19 condition and its sequelae

Produced one or more qualitative or quantitative analysis of health inequities during the COVID-19 pandemic

Not included in round 1	Yes, within Ministry of Health or equivalent	Not yet, but planning on setting up a unit
Not included in round 1	Yes	Yes
Not included in round 1	Not included in round 2	No
Not included in round 1	Not included in round 2	No

% of countries



## Strategic changes to service delivery platform access

Primary care services

Outpatient services

Inpatient services

Emergency unit services

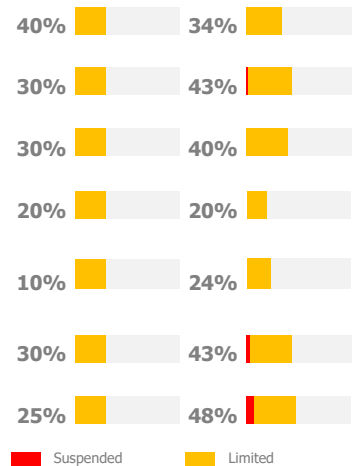
Prehospital emergency care services

Community-based care

Mobile clinics

Not included in round 1	Not included in round 2	Functioning as normal
Functioning as normal	Functioning as normal	Functioning as normal
Limited	Functioning as normal	Functioning as normal
Functioning as normal	Functioning as normal	Limited
Functioning as normal	Functioning as normal	Functioning as normal
Functioning as normal	Functioning as normal	Functioning as normal
Functioning as normal	Functioning as normal	Limited

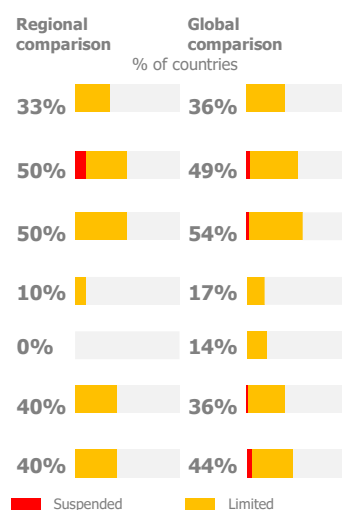
% of countries



## Health system and services responsiveness (continued)

### Strategic changes to essential public health functions and

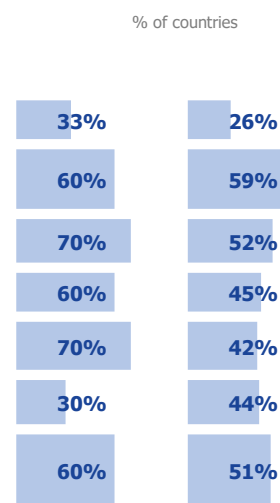
	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)
Health protection population-based activities	Not included in round 1	Functioning as normal	Functioning as normal
Health promotion population-based activities	Not included in round 1	Functioning as normal	Functioning as normal
Disease prevention population-based activities	Not included in round 1	Functioning as normal	Functioning as normal
Surveillance and response	Not included in round 1	Functioning as normal	Functioning as normal
Emergency preparedness and response	Not included in round 1	Functioning as normal	Functioning as normal
Communications and social mobilization activities for health	Not included in round 1	Functioning as normal	Functioning as normal
Public health research	Not included in round 1	Limited	Functioning as normal



### General Mitigation strategies and recovery measures

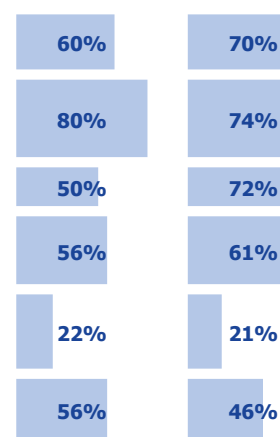
#### Service delivery modifications

	Round 1	Round 2	Round 3
Expansion of facility hours	Not included in round 1	×	No response
Provision of home-based care where appropriate	Not included in round 1	✓	✓
Telemedicine deployment to replace in-person consults	Not included in round 1	×	✓
Use of self-care interventions where appropriate	Not included in round 1	✓	✓
Catch-up campaigns for missed appointments	Not included in round 1	×	No response
Integration of several services into single visit	Not included in round 1	✓	✓
Redirection of patients to alternate care sites/reorientation of referral pathways	×	✓	✓



#### Health worker capacities and training

	Round 1	Round 2	Round 3
Redistribution of health worker tasks and optimization of roles	×	✓	✓
Rapid training mechanisms and job aids for key capacities and newly distributed tasks and roles	Not included in round 1	Not included in round 2	✓
Recruitment of additional staff	No response	×	✓
Provision of mental health care and psychosocial support to health workers	Not included in round 1	Not included in round 2	No response
Establishment of pathways for accelerated training and early certification of medical, nursing and other key staff	Not included in round 1	Not included in round 2	No response
Paid sick leave, overtime pay, and/or hazard pay	Not included in round 1	Not included in round 2	No response



### Access to medicines and health products

Novel approaches to renewing prescriptions and dispensing medications	Not included in round 1	Not included in round 2	No response	43%	53%
Adaption of supply chain logistics and management processes	×	✓	No response	57%	56%
Procurement of surge commodities (e.g. PPE, oxygen)	Not included in round 1	Not included in round 2	✓	100%	89%

### Community engagement and risk communication strategies

Community communications	×	✓	✓	90%	88%
Use of proactive governmental strategies to reach vulnerable groups	Not included in round 1	✓	✓	70%	65%
Use of existing networks or organizations (e.g. NGOs) to reach vulnerable groups	Not included in round 1	✓	✓	80%	76%

### Health financing strategies

Removal of user fees or provision of subsidies for fees at point of use	×	×	No response	67%	46%
Provision of cash transfers for vulnerable populations to access care	Not included in round 1	Not included in round 2	No response	50%	28%
Agreements with private health facilities to deliver essential health services supported through public funds	Not included in round 1	Not included in round 2	✓	29%	47%

### Mitigation strategies and recovery measures for sexual and reproductive health services

% of countries

#### Communication and information

Informing the community where, when and how to access SRH services	Not included in round 1	Not included in round 2	No response	50%	77%
Providing information to public about accurate and up-to-date educational materials on COVID-19 and SRH	Not included in round 1	Not included in round 2	No response	100%	82%
Informing and alerting all service providers about the heightened risk of domestic violence	Not included in round 1	Not included in round 2	No response	67%	52%

#### Access

Increasing availability of contraceptive methods and condoms that do not require direct supervision of health workers	Not included in round 1	Not included in round 2	No response	17%	54%
Enhancing identification and services for gender-based violence against women survivors	Not included in round 1	Not included in round 2	No response	50%	51%

### Alternative or adaptive measures

Relaxing requirements for prescriptions of SRH commodities	Not included in round 1	Not included in round 2	No response	0%	24%
Offering noninvasive medical methods for managing safe abortion	Not included in round 1	Not included in round 2	No response	17%	27%
Waiving restrictions to accessing SRH services	Not included in round 1	Not included in round 2	No response	33%	25%
Providing multi-month supplies of SRH commodities	Not included in round 1	Not included in round 2	No response	0%	55%
Using hotlines and/or telemedicine to minimize facility visits and provider-client contacts	Not included in round 1	Not included in round 2	No response	67%	60%
Adjusting forecasting for SRH commodities and supplies	Not included in round 1	Not included in round 2	No response	17%	39%
Reducing the cost of SRH services	Not included in round 1	Not included in round 2	No response	17%	26%
Implement task shifting/sharing for essential SRH services	Not included in round 1	Not included in round 2	No response	17%	32%

### Mitigation strategies and recovery measures for maternal and newborn health services

% of countries

#### Communication and information

Informing the community where, when and how to access MNH services	Not included in round 1	Not included in round 2	No response	71%	77%
Promoting childbirth in health facilities irrespective of COVID-19	Not included in round 1	Not included in round 2	No response	100%	82%
Informing families and caregivers on how to cope with stress and sustain a nurturing environment at home	Not included in round 1	Not included in round 2	No response	67%	52%
Informing MNH CHWs on IPC measures	Not included in round 1	Not included in round 2	No response	86%	81%

#### Access

Scheduling of ANC visits in advance	Not included in round 1	Not included in round 2	No response	57%	67%
Scheduling of PNC visits in advance	Not included in round 1	Not included in round 2	No response	43%	60%
Task shifting of non-clinical ANC interventions to community level	Not included in round 1	Not included in round 2	No response	0%	23%
Tasking shifting of non-clinical PNC interventions to community level	Not included in round 1	Not included in round 2	No response	0%	20%
Modifying (temporarily) MNH referral system	Not included in round 1	Not included in round 2	No response	29%	31%

### Alternative or adaptive measures

Offering multi-month prescriptions, micronutrient supplements, etc. during ANC or PNC	Not included in round 1	Not included in round 2	No response	29%	45%
Early discharge after normal delivery	Not included in round 1	Not included in round 2	No response	14%	46%
Early discharge of stable high-risk newborns	Not included in round 1	Not included in round 2	No response	0%	16%
Continuity of labour companion	Not included in round 1	Not included in round 2	No response	43%	38%
Enhanced maternal mental health screening and counselling in maternal health services	Not included in round 1	Not included in round 2	No response	57%	37%
Using digital platforms for ANC or PNC counseling and screening to minimize facility visits	Not included in round 1	Not included in round 2	No response	71%	41%

### Mitigation strategies and recovery measures for child and adolescent health services

% of countries

#### Communication and information

Informing the community where, when and how to access sick and well child services	Not included in round 1	Not included in round 2	No response	71%	80%
Enhancing information to caregivers on child care	Not included in round 1	Not included in round 2	No response	57%	79%
Providing information on how to manage stress and sustain nurturing care in households during COVID-19	Not included in round 1	Not included in round 2	No response	57%	59%
Informing adolescents where and how to access health services	Not included in round 1	Not included in round 2	No response	57%	68%
Informing adolescents where and how to get support and care in case of violence	Not included in round 1	Not included in round 2	No response	43%	53%
Informing health workers about the heightened risk to children and adolescents of violence, including sexual violence	Not included in round 1	Not included in round 2	No response	43%	51%

#### Access

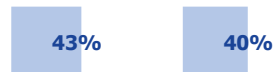
Enhancing provision of mental health and psychosocial support to caregivers of children and adolescents	Not included in round 1	Not included in round 2	No response	57%	43%
Scheduling visits for child and/or adolescent services in advance	Not included in round 1	Not included in round 2	No response	14%	43%
Enhance integrated outreach for delivery of vaccinations, growth monitoring, preventive and sick child services	Not included in round 1	Not included in round 2	No response	57%	58%
Offering multi-month prescriptions for children and adolescents with conditions that require chronic care	Not included in round 1	Not included in round 2	No response	29%	38%



### Alternative or adaptive measures

Using digital platforms for counselling, screening and follow-up after illness on matters related to child health

Not included in round 1	Not included in round 2	No response
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Shifting services for sick children and/or adolescents

Not included in round 1	Not included in round 2	No response
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Establishing hotlines and/or telemedicine for individual counselling of adolescents

Not included in round 1	Not included in round 2	No response
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Engaging community groups and youth networks to extend the provision of health information and services to adolescents

Not included in round 1	Not included in round 2	No response
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% of countries

### Mitigation strategies and recovery measures for nutrition services

#### Alternative or adaptive measures

Providing/prescribing nutrition drugs and supplies for multi-month

Not included in round 1	Not included in round 2	No response
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Making use of alternative delivery channels for nutrition services

Not included in round 1	Not included in round 2	No response
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Reducing the frequency of routine nutrition services, including screening for severe wasting

Not included in round 1	Not included in round 2	No response
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Bundling nutrition services with other nutrition or health services

Not included in round 1	Not included in round 2	No response
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Prioritizing key nutrition interventions

Not included in round 1	Not included in round 2	✓
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Task shifting for essential nutrition services

Not included in round 1	Not included in round 2	No response
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Postponing of some nutrition services

Not included in round 1	Not included in round 2	No response
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% of countries

### Mitigation strategies and recovery measures for care for older people

#### Communication and information

Inform older people, their households and caregivers, regarding where, when and how to access health and LTC services

Not included in round 1	Not included in round 2	No response
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Inform older people, their households and caregivers on IPC measures

Not included in round 1	Not included in round 2	✓
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Inform older people, their households and caregivers on the importance of promoting physical and mental health

Not included in round 1	Not included in round 2	No response
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Inform older people, their households and their caregivers, on where and how to report and get help in the case of elder abuse

Not included in round 1	Not included in round 2	No response
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Inform health workers about the heightened risk of elder abuse

Not included in round 1	Not included in round 2	No response
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Ensure accessible information and different communication strategies for older people with impairments

Not included in round 1	Not included in round 2	No response
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Establish hotlines for older people and caregivers to provide targeted information for older people

Not included in round 1	Not included in round 2	No response
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Provide accurate accessible information of COVID-19 vaccines and access to COVID-19 vaccines according to national vaccine policies

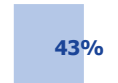
Not included in round 1	Not included in round 2	✓
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### Access

Use telemedicine and/or home outreach proactively to minimize health facility visits and schedule visits in advance

Not included in round 1	Not included in round 2	No response
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Offer multi-month prescriptions for older adults who have underlying health conditions

Not included in round 1	Not included in round 2	✓
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Establish mechanisms for medication delivery for older adults who have underlying health conditions

Not included in round 1	Not included in round 2	No response
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Facilitate access to rehabilitation services

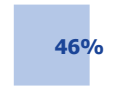
Not included in round 1	Not included in round 2	No response
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### Alternative or adaptive measures

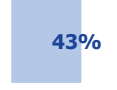
Engaging community groups and networks to extend the provision of health information and services to older people

Not included in round 1	Not included in round 2	No response
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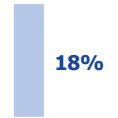
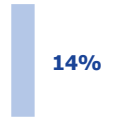
Introduce (if doesn't exist) psychosocial support for older people, for those socially isolated and with grief and loss

Not included in round 1	Not included in round 2	No response
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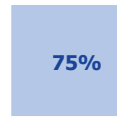
For older people who are care dependent, develop an alternative plan in case the primary caregiver is unavailable, and identify an alternative caregiver and/or alternative facility

Not included in round 1	Not included in round 2	No response
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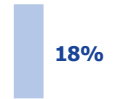
Provide education and training for caregivers at home and long-term care facilities on IPC measures and how to continue providing care safely

Not included in round 1	Not included in round 2	✓
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Establish and enhance the mechanism for relieving the burden on caregivers, including providing psychological support using digital platforms and respite care

Not included in round 1	Not included in round 2	✓
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## Priority needs and technical assistance requirements from WHO

### Request

No request made

## In-depth profiles: Immunization

During the previous 6 months, which of the following routine immunization services have been disrupted due to COVID-19 vaccination?

% of countries

### Facility-based immunization services for:

Round 3  
(Nov-Dec 2021)

Infants/young children

No

22%

43%

School-aged children and adolescents

No

13%

46%

Pregnant women

Do not know

25%

38%

Adults

Do not know

14%

32%

### Routine outreach immunization services

No

33%

48%

Has the increased demand for vaccination resources had a negative impact on routine immunization services?

% of countries

Round 3  
(Nov-Dec 2021)

No impact

No impact

Human resources

Not applicable

100%

92%

Needles or syringes

Not applicable

0%

32%

Safety boxed to dispose used syringes/needles

Not applicable

0%

19%

Cold chain equipment

Not applicable

25%

46%

Final disposal of injection wastage

Not applicable

0%

19%

Disruption to demand for routine immunization services as a result of COVID-19 and associated epidemic prevention measures:

No disruptions: demand for immunization continues as before the pandemic

What kind of catch-up activities is the country implementing, or planning to implement before the end of 2021?

% of countries

Periodic intensification of routine immunization (PIRI)

No response

29%

50%

Enhanced routine immunization (providing additional routine immunization sessions)

✓

50%

53%

Demand promotion campaigns (not targeted to only children who missed a dose)

No response

86%

42%

Targeted communication to families of children who have missed one or more doses

No response

57%

64%

Mass vaccination campaigns (where children in the target age are vaccinated regardless of previous vaccination status)

No response

43%

36%

<b>Round 3 survey sections</b>	<b>Key informant</b>	<b>Key informant position</b>	<b>Key informant organisation</b>
Continuity of essential health services module	Hyam Bashour	HSO	WCO
Sexual, reproductive, maternal, newborn, child and adolescent health	Mahmoud Bozo	Nutrition officer	WCO
Nutrition	Dr Mahmoud BOZO	Nutrition	WCO
Immunization	Aicha Jabr	EPI	WCO
Human immunodeficiency virus and hepatitis	Hania Hussein	CD	WCO
Tuberculosis	Mahmoud ALBaour	National TB Programme manager	MOH
Malaria	Dr. Atef Taweel	Leish	MoH
Neglected tropical diseases	Hania Hussein	NTD, TB& HIV officer	WHO
Mental health, neurology and substance use disorders	Nabil Samarji	MH	WCO
Care for older people	Dr Wafaa ALTajjar	NCD	WCO