

Table of contents

1. Overview and background
2. Summary
3. Disruptions across service delivery settings and platforms
5. Disruptions to tracer services
8. Health system bottlenecks and priority needs to support delivery of essential COVID-19 tools
11. Health system and services responsiveness
18. Priority needs and technical assistance requirements from WHO
19. In-depth profiles: Immunization
20. Key informant details

Overview

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

Background

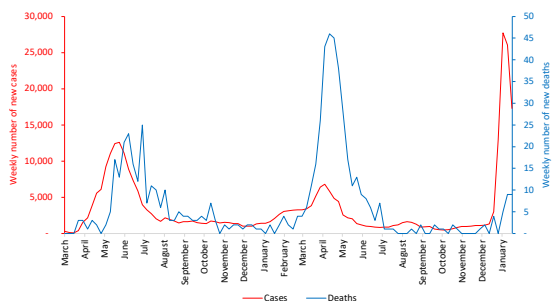
Region	EMR	Income Group	High income	Life Expectancy (years)	77.2
Population	2,881,053	GDP (USD per capita)	\$59,124.9	Population 60 and over (%)	3.6%

Survey participation

Round 1 surveys	Submission Date	Round 3 survey sections	Submission Date
Essential Health Services	Did not participate	Continuity of essential health services module	25-Nov-21
Noncommunicable diseases	11-May-20	Sexual, reproductive, maternal, newborn, child and adolescent health	25-Nov-21
Mental, neurological, and substance use disorders	28-Jun-20	Nutrition	25-Nov-21
		Immunization	25-Nov-21
		Human immunodeficiency virus and hepatitis	25-Nov-21
Round 2 survey sections			
Health system functions	Did not participate	Tuberculosis	25-Nov-21
Reproductive, maternal, newborn, child and adolescent health and nutrition	4-Mar-21	Malaria	25-Nov-21
Immunization	5-Mar-21	Neglected tropical diseases	25-Nov-21
Human immunodeficiency virus and hepatitis	Did not participate	Mental health, neurology and substance use disorders	25-Nov-21
Tuberculosis	Did not participate	Care for older people	25-Nov-21
Malaria	Did not participate		
Neglected tropical diseases	Did not participate		
Noncommunicable diseases	4-Mar-21		
Mental, neurological, and substance use disorders	4-Mar-21		

Transmissibility timeline

Weekly number of new COVID-19 cases and deaths



	Cases	Deaths
Peak	27,739	46
Peak date	2022-01-09	2021-04-18
Latest	17,266	9
Proportion	62%	20%

Summary of disruptions

Qatar

	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	80%	20%	11%	
Number of essential health services disrupted	8 out of 10 services	4 out of 20 services	5 out of 44 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	Not applicable	No services disrupted
Emergency, critical, and operative care	Not applicable	Not applicable	No services disrupted
Rehabilitative and palliative services	Not applicable	Not applicable	No services disrupted
Community care	Not included in round 1	Not included in round 2	No services disrupted
Hospital inpatient services	Not included in round 1	Not included in round 2	No services disrupted
Appointments with specialists	Not included in round 1	Not included in round 2	No services disrupted
Sexual, reproductive, maternal, newborn, child and adolescent health	Not applicable	No services disrupted	No services disrupted
Nutrition	Not applicable	No services disrupted	No services disrupted
Immunization	Not applicable	Some services disrupted	All services disrupted
Communicable disease	Not applicable	Not applicable	Not applicable
Neglected Tropical Diseases	Not applicable	Not applicable	Not applicable
Cancer services	No services disrupted	Some services disrupted	Some services disrupted
Mental, neurological, and substance use (MNS) disorders	Some services disrupted	Some services disrupted	Some services disrupted
Care for older people	Not included in round 1	Not included in round 2	No 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
Primary care	Not included in round 1	Not applicable	No services disrupted	Level of disruption May-Oct 2021 compared to Q1 2021		% of countries
Routine scheduled visits	Not included in round 1	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	50%	57%
Visits for undifferentiated symptoms	Not included in round 1	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	57%	58%
Prescription renewals for chronic medications	Not included in round 1	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	43%
Emergency, critical and operative care	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
	Not applicable	Not applicable	No services disrupted			
Ambulance services at the scene	Not included in round 1	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	36%
24-hour emergency room/unit services	No response	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	32%
Elective surgeries	Not included in round 1	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	33%	59%
Emergency surgeries	No response	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	0%	23%

■ 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	No response	Increased	67%	40%
Appointments with specialists (outpatient)	Not included in round 1	Not included in round 2	Increased	100%	49%
Screening, diagnosis and treatment of cancers	Not included in round 1	Not included in round 2	Increased	50%	40%
Screening, diagnosis and treatment of NCDs	Not included in round 1	Not included in round 2	Increased	17%	44%
Rehabilitation services	Not included in round 1	Not included in round 2	Increased	33%	44%

% of countries

Disruptions across service delivery channels (continued)

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)		Regional comparison	Global comparison
Rehabilitative, palliative and long-term care	Not applicable	Not applicable	No services disrupted	Level of disruption May-Oct 2021 compared to Q1 2021		
					% of countries	
Rehabilitation services	No response	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	43%	52%
Palliative services	No response	No response	Less than 5% (including 0%)	Back to pre-pandemic levels	25%	44%
					% of countries	
Community care	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	Regional comparison	Global comparison
	Not included in round 1	Not included in round 2	No services disrupted			
					% of countries	
Outreach services	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	57%	57%
Health post and home visits by CHWs	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	50%	52%
					% of countries	
Other				Level of disruption May-Oct 2021 compared to Q1 2021		
					% of countries	
Hospital inpatient services	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	50%	46%
Appointments with specialists	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	50%	58%

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	
Sexual, reproductive, maternal, newborn, child and adolescent health						
	Not applicable	No services disrupted	No services disrupted			
Family planning and contraception	No response	Less than 5% (including 0%)	Less than 5% (including 0%)	Back to pre-pandemic levels	20%	38%
Safe abortion	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	0%	25%
Post-abortion care services	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	0%	21%
Safe abortion and post-abortion care	Not included in round 1	Not applicable	Not included in round 3	Not available		
Fertility care/infertility services	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	0%	27%
Identification and care for intimate partner violence	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	25%	33%
Response to sexual violence (post-rape care)	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	33%	32%
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	No response	Less than 5% (including 0%)	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	34%
Facility-based births	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	26%
Postnatal care for women and newborns	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	29%
Neonatal intensive care unit (NICU) services	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	14%	22%
Sick child services	No response	Less than 5% (including 0%)	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	32%
Well-child visits	Not included in round 1	Not included in round 2	Less than 5% (including 0%)	Back to pre-pandemic levels	29%	46%
Adolescent and youth friendly services	Not included in round 1	Not included in round 2	Not applicable	No response	50%	48%
Nutrition	Not applicable	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%)	Back to pre-pandemic levels	33%	55%
Screening for and/or management of moderate and severe wasting	No response	Less than 5% (including 0%)	Not applicable	No response	67%	57%
Distribution of high dose vitamin A supplementation	Not included in round 1	Not included in round 2	Not applicable	No response	0%	48%

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
	Not applicable	Some services disrupted	All services disrupted	Level of disruption May-Oct 2021 compared to Q1 2021		
					% of countries	
Routine facility-based immunization services	No response	Less than 5% (including 0%)	5-25%	Back to pre-pandemic levels	38%	48%
Routine outreach immunization services	No response	More than 50%	5-25%	Still disrupted, better than Jan-March 2021	38%	49%
	Not applicable	Not applicable	Not applicable	Level of disruption May-Oct 2021 compared to Q1 2021		
					% of countries	
HIV prevention services	No response	No response	Not applicable	No response	60%	48%
HIV testing services	No response	No response	Not applicable	No response	43%	49%
Continuation of established ARV treatment	No response	No response	Not applicable	No response	0%	20%
Initiation of new ARV treatment	No response	No response	Not applicable	No response	0%	31%
Hepatitis B and C diagnosis and treatment	No response	No response	Not applicable	No response	25%	48%
TB case detection and treatment	No response	No response	Not applicable	No response	17%	49%
Malaria diagnosis and treatment	No response	No response	Not applicable	No response	0%	27%
Campaigns for distribution of insecticide treated nets (ITN)	No response	No response	Not applicable	No response	0%	36%
Malaria prevention campaigns: indoor residual spraying (IRS)	No response	No response	Not applicable	No response	0%	23%
Malaria prevention campaigns: seasonal malaria chemoprevention (SMC)	No response	No response	Not applicable	No response	0%	30%
Malaria surveillance	Not included in round 1	Not included in round 2	Not applicable	No response	0%	38%
	Not applicable	Not applicable	Not applicable	Level of disruption May-Oct 2021 compared to Q1 2021		
					% of countries	
Diagnosis, treatment and care for NTDs	Not included in round 1	No response	Not applicable	No response	40%	48%
Large scale preventive chemotherapy campaigns for NTDs	Not included in round 1	No response	Not applicable	No response	25%	52%
Community awareness and health education campaigns for NTDs	Not included in round 1	No response	Not applicable	No response	60%	55%
Support for self-care, rehabilitation and psychosocial services for patients with chronic NTDs	Not included in round 1	No response	Not applicable	No response	25%	41%
Prescriptions for NTD medicines	Not included in round 1	No response	Not applicable	No response	40%	32%
Surgical procedures for NTDs	Not included in round 1	No response	Not applicable	No response	50%	44%

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

No services disrupted

Some services disrupted

Some services disrupted

Level of disruption
May-Oct 2021
compared to Q1
2021

% of countries

Not included in round 1

More than 50%

5-25%

Still disrupted,
better than Jan-
March 2021

40%

51%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

20%

39%

Some services disrupted

Some services disrupted

Some services disrupted

Level of disruption
May-Oct 2021
compared to Q1
2021

% of countries

5-50%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

29%

30%

5-50%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

57%

48%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

31%

37%

5-50%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

33%

39%

5-50%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

43%

44%

Not included in round 1

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

13%

34%

More than 50%

More than 50%

More than 50%

Still disrupted, no
change from Jan-
March 2021

60%

55%

Not included in round 1

Not included in round 2

Not applicable

No response

55%

48%

More than 50%

5-25%

More than 50%

Still disrupted, no
change from Jan-
March 2021

38%

45%

5-50%

Less than 5%
(including 0%)

Less than 5%
(including 0%)

Back to pre-
pandemic levels

22%

46%

No response

Not included in round 2

Less than 5%
(including 0%)

Back to pre-
pandemic levels

13%

51%

5-50%

Do not know

Not applicable

No response

33%

50%

Not applicable

Not applicable

No services disrupted

Level of disruption
May-Oct 2021
compared to Q1
2021

% of countries

Not included in round 1

Not included in round 2

Less than 5%
(including 0%)

Back to pre-
pandemic levels

20%

50%

Not included in round 1

Not included in round 2

Less than 5%
(including 0%)

Back to pre-
pandemic levels

43%

59%

Not included in round 1

Not included in round 2

Less than 5%
(including 0%)

Back to pre-
pandemic levels

43%

51%

Not included in round 1

Not included in round 2

Less than 5%
(including 0%)

Back to pre-
pandemic levels

50%

62%

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
Top three bottlenecks for potential scale up					
				% of countries	
Lack of funding	Not included in round 1	Not included in round 2	-	33%	51%
Health workforce challenges	Not included in round 1	Not included in round 2	-	33%	56%
Shortages in laboratory supplies and equipment	Not included in round 1	Not included in round 2	-	33%	47%
Lack of distribution capacity	Not included in round 1	Not included in round 2	-	0%	11%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	22%	11%
Lack of data/information	Not included in round 1	Not included in round 2	-	22%	11%
Demand-side challenges	Not included in round 1	Not included in round 2	-	22%	22%
Other	Not included in round 1	Not included in round 2	Nothing additional		

Top three technical assistance or support interventions needed to address bottlenecks?					
				% of countries	
Financial planning support	Not included in round 1	Not included in round 2	-	33%	45%
Health worker recruitment, retention and training	Not included in round 1	Not included in round 2	-	22%	49%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	-	22%	16%
Surge procurement of COVID-19 laboratory supplies and equipment	Not included in round 1	Not included in round 2	-	0%	36%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	44%	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	-	44%	20%
Risk communication and community engagement strategies	Not included in round 1	Not included in round 2	-	33%	27%
Other	Not included in round 1	Not included in round 2	-		

COVID-19 case management

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

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Regional comparison	Global comparison
Lack of funding	Not included in round 1	Not included in round 2	-	22%	41%
Health workforce challenges	Not included in round 1	Not included in round 2	-	22%	64%
Shortages in COVID-19 therapeutics and equipment	Not included in round 1	Not included in round 2	-	44%	41%
Lack of distribution capacity	Not included in round 1	Not included in round 2	-	0%	16%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	22%	11%
Lack of data/information	Not included in round 1	Not included in round 2	-	33%	17%
Demand-side challenges	Not included in round 1	Not included in round 2	-	22%	18%
Other	Not included in round 1	Not included in round 2	Nothing additional		

% of countries

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

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Regional comparison	Global comparison
Financial planning support	Not included in round 1	Not included in round 2	-	22%	35%
Health worker recruitment, retention and training	Not included in round 1	Not included in round 2	-	22%	61%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	-	11%	13%
Surge procurement of COVID-19 related therapeutics and equipment	Not included in round 1	Not included in round 2	-	11%	45%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	44%	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	-	33%	19%
Risk communication and community engagement strategies	Not included in round 1	Not included in round 2	-	33%	19%
Other	Not included in round 1	Not included in round 2	Nothing additional		

% of countries

PPE distribution and use

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

	Round 1 (May-Sept 2020)	Round 2 (Jan-March 2021)	Round 3 (Nov-Dec 2021)	Regional comparison	Global comparison
Lack of funding	Not included in round 1	Not included in round 2	-	0%	34%
Health workforce challenges	Not included in round 1	Not included in round 2	-	56%	36%
Shortages in PPE	Not included in round 1	Not included in round 2	-	11%	34%
Lack of distribution capacity	Not included in round 1	Not included in round 2	-	11%	22%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	22%	11%
Lack of data/information	Not included in round 1	Not included in round 2	-	56%	26%
Other	Not included in round 1	Not included in round 2	Nothing additional		

% of countries

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	-	11%	28%
Health worker training on appropriate use of PPE	Not included in round 1	Not included in round 2	-	44%	35%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	-	33%	26%
Surge procurement of PPE	Not included in round 1	Not included in round 2	-	11%	28%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	22%	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	-	44%	31%
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	-	22%	28%
Health workforce challenges	Not included in round 1	Not included in round 2	-	0%	35%
Shortages in vaccines and equipment	Not included in round 1	Not included in round 2	-	11%	18%
Lack of distribution capacity	Not included in round 1	Not included in round 2	-	22%	12%
Lack of clear strategy, guidance or protocols	Not included in round 1	Not included in round 2	-	11%	17%
Demand-side challenges	Not included in round 1	Not included in round 2	-	44%	58%
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	-	11%	24%
Health worker recruitment, retention and training	Not included in round 1	Not included in round 2	-	0%	31%
Operational guidance and protocols for supply chain management	Not included in round 1	Not included in round 2	-	11%	7%
Procurement of vaccines	Not included in round 1	Not included in round 2	-	22%	20%
Guidance on developing national policies, strategies, or plans for scale up	Not included in round 1	Not included in round 2	-	22%	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	-	22%	26%
Risk communication and community engagement strategies	Not included in round 1	Not included in round 2	-	44%	51%
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	No response	No
-------------------------	-------------	----

% of countries with disruption to in-country supply chain system

13%	46%
-----	-----

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	No response	No response	Not included in round 3	Not available	
Government has defined EHS to be maintained during COVID-19	No response	No response	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	Yes	78%	49%
Government has allocated additional funding to maintain EHS during COVID-19	No response	No response	Yes	75%	73%
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	Yes	67%	70%
Sub-areas where investments have been made					
New facility infrastructure	Not included in round 1	Not included in round 2	×	75%	73%
Digital health technologies and infrastructure	Not included in round 1	Not included in round 2	×	75%	76%
Health workforce capacity strengthening	Not included in round 1	Not included in round 2	✓	75%	87%
Access to medicines, supplies and other health products	Not included in round 1	Not included in round 2	✓	100%	91%
Technologies and methods to support infodemic management	Not included in round 1	Not included in round 2	×	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	×	89%	93%
Decentralized Health Authorities	Not included in round 1	Not included in round 2	✓	89%	48%
Individual facilities	Not included in round 1	Not included in round 2	×	22%	25%

Information tracking

Regularly monitoring the continuity of EHS during COVID-19

Not included in round 1	No response	Yes
Not included in round 1	No response	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

Not included in round 1	No response	Yes, within Ministry of Health or equivalent
-------------------------	-------------	--

Collecting or collating data on comorbidities in COVID-19 patients

Not included in round 1	No response	Yes
-------------------------	-------------	-----

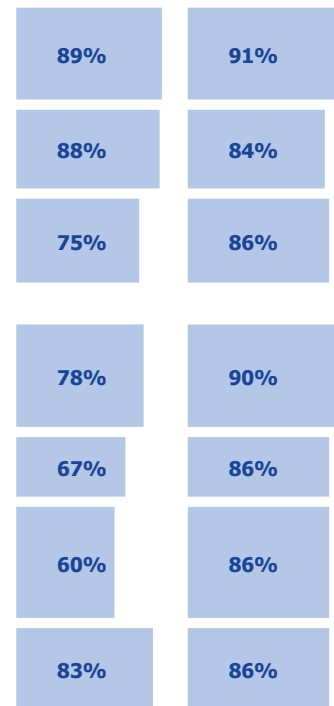
Collecting or collating patient-level data on post-COVID-19 condition and its sequelae

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

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

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

% of countries



Strategic changes to service delivery platform access

Primary care services

Not included in round 1	Not included in round 2	Limited
-------------------------	-------------------------	---------

Outpatient services

No response	No response	Limited
-------------	-------------	---------

Inpatient services

No response	No response	Functioning as normal
-------------	-------------	-----------------------

Emergency unit services

No response	No response	Functioning as normal
-------------	-------------	-----------------------

Prehospital emergency care services

No response	No response	Functioning as normal
-------------	-------------	-----------------------

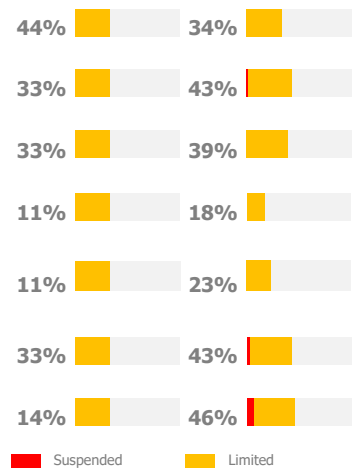
Community-based care

No response	No response	Limited
-------------	-------------	---------

Mobile clinics

No response	No response	Functioning as normal
-------------	-------------	-----------------------

% of countries



Health system and services responsiveness (continued)

Strategic changes to essential public health functions and	Round 1	Round 2	Round 3	Regional comparison	Global comparison
	(May-Sept 2020)	(Jan-March 2021)	(Nov-Dec 2021)	% of countries	
Health protection population-based activities	Not included in round 1	No response	Functioning as normal	38%	35%
Health promotion population-based activities	Not included in round 1	No response	Limited	56%	49%
Disease prevention population-based activities	Not included in round 1	No response	Limited	56%	53%
Surveillance and response	Not included in round 1	No response	Functioning as normal	11%	17%
Emergency preparedness and response	Not included in round 1	No response	Functioning as normal	0%	13%
Communications and social mobilization activities for health	Not included in round 1	No response	Limited	44%	36%
Public health research	Not included in round 1	No response	Functioning as normal	44%	44%

■ Suspended ■ Limited

General Mitigation strategies and recovery measures

Service delivery modifications

	Round 1	Round 2	Round 3	Regional comparison	Global comparison
Expansion of facility hours	Not included in round 1	No response	×	33%	27%
Provision of home-based care where appropriate	Not included in round 1	No response	✓	56%	59%
Telemedicine deployment to replace in-person consults	Not included in round 1	No response	✓	67%	51%
Use of self-care interventions where appropriate	Not included in round 1	No response	×	56%	45%
Catch-up campaigns for missed appointments	Not included in round 1	No response	×	67%	42%
Integration of several services into single visit	Not included in round 1	No response	×	22%	43%
Redirection of patients to alternate care sites/reorientation of referral pathways	No response	No response	✓	56%	49%

Health worker capacities and training

	Round 1	Round 2	Round 3	Regional comparison	Global comparison
Redistribution of health worker tasks and optimization of roles	No response	No response	✓	56%	71%
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	✓	78%	73%
Recruitment of additional staff	No response	No response	✓	44%	72%
Provision of mental health care and psychosocial support to health workers	Not included in round 1	Not included in round 2	✓	56%	62%
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	×	22%	21%
Paid sick leave, overtime pay, and/or hazard pay	Not included in round 1	Not included in round 2	✓	56%	47%

Access to medicines and health products

Novel approaches to renewing prescriptions and dispensing medications	Not included in round 1	Not included in round 2	✓	43%	53%
Adaption of supply chain logistics and management processes	No response	No response	×	57%	56%
Procurement of surge commodities (e.g. PPE, oxygen)	Not included in round 1	Not included in round 2	✓	100%	88%

Community engagement and risk communication strategies

Community communications	No response	No response	✓	89%	87%
Use of proactive governmental strategies to reach vulnerable groups	Not included in round 1	No response	✓	67%	64%
Use of existing networks or organizations (e.g. NGOs) to reach vulnerable groups	Not included in round 1	No response	✓	78%	76%

Health financing strategies

Removal of user fees or provision of subsidies for fees at point of use	No response	No response	✓	67%	45%
Provision of cash transfers for vulnerable populations to access care	Not included in round 1	Not included in round 2	×	50%	29%
Agreements with private health facilities to deliver essential health services supported through public funds	Not included in round 1	Not included in round 2	×	17%	46%

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	×	50%	78%
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	✓	100%	81%
Informing and alerting all service providers about the heightened risk of domestic violence	Not included in round 1	Not included in round 2	✓	67%	53%

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	×	17%	55%
Enhancing identification and services for gender-based violence against women survivors	Not included in round 1	Not included in round 2	✓	50%	52%

Alternative or adaptive measures

Relaxing requirements for prescriptions of SRH commodities	Not included in round 1	Not included in round 2	×	0%	24%
Offering noninvasive medical methods for managing safe abortion	Not included in round 1	Not included in round 2	×	17%	27%
Waiving restrictions to accessing SRH services	Not included in round 1	Not included in round 2	✓	33%	25%
Providing multi-month supplies of SRH commodities	Not included in round 1	Not included in round 2	×	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	✓	67%	60%
Adjusting forecasting for SRH commodities and supplies	Not included in round 1	Not included in round 2	×	17%	38%
Reducing the cost of SRH services	Not included in round 1	Not included in round 2	✓	17%	25%
Implement task shifting/sharing for essential SRH services	Not included in round 1	Not included in round 2	×	17%	31%

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	×	71%	78%
Promoting childbirth in health facilities irrespective of COVID-19	Not included in round 1	Not included in round 2	✓	100%	81%
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	✓	67%	53%
Informing MNH CHWs on IPC measures	Not included in round 1	Not included in round 2	×	86%	80%

Access

Scheduling of ANC visits in advance	Not included in round 1	Not included in round 2	✓	57%	69%
Scheduling of PNC visits in advance	Not included in round 1	Not included in round 2	✓	43%	62%
Task shifting of non-clinical ANC interventions to community level	Not included in round 1	Not included in round 2	×	0%	22%
Tasking shifting of non-clinical PNC interventions to community level	Not included in round 1	Not included in round 2	×	0%	21%
Modifying (temporarily) MNH referral system	Not included in round 1	Not included in round 2	✓	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	×	29%	47%
Early discharge after normal delivery	Not included in round 1	Not included in round 2	×	14%	46%
Early discharge of stable high-risk newborns	Not included in round 1	Not included in round 2	×	0%	17%
Continuity of labour companion	Not included in round 1	Not included in round 2	✓	43%	39%
Enhanced maternal mental health screening and counselling in maternal health services	Not included in round 1	Not included in round 2	✓	57%	38%
Using digital platforms for ANC or PNC counseling and screening to minimize facility visits	Not included in round 1	Not included in round 2	✓	71%	42%

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	✓	71%	81%
Enhancing information to caregivers on child care	Not included in round 1	Not included in round 2	✓	57%	80%
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	✓	57%	58%
Informing adolescents where and how to access health services	Not included in round 1	Not included in round 2	×	57%	69%
Informing adolescents where and how to get support and care in case of violence	Not included in round 1	Not included in round 2	×	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	×	43%	52%

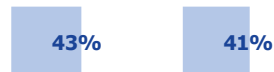
Access

Enhancing provision of mental health and psychosocial support to caregivers of children and adolescents	Not included in round 1	Not included in round 2	✓	57%	44%
Scheduling visits for child and/or adolescent services in advance	Not included in round 1	Not included in round 2	×	14%	44%
Enhance integrated outreach for delivery of vaccinations, growth monitoring, preventive and sick child services	Not included in round 1	Not included in round 2	×	57%	60%
Offering multi-month prescriptions for children and adolescents with conditions that require chronic care	Not included in round 1	Not included in round 2	×	29%	40%

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	✓
-------------------------	-------------------------	---



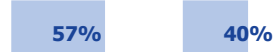
Shifting services for sick children and/or adolescents

Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



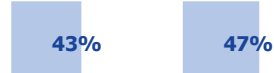
Establishing hotlines and/or telemedicine for individual counselling of adolescents

Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



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	×
-------------------------	-------------------------	---



% 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	×
-------------------------	-------------------------	---



Making use of alternative delivery channels for nutrition services

Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



Reducing the frequency of routine nutrition services, including screening for severe wasting

Not included in round 1	Not included in round 2	×
-------------------------	-------------------------	---



Bundling nutrition services with other nutrition or health services

Not included in round 1	Not included in round 2	×
-------------------------	-------------------------	---



Prioritizing key nutrition interventions

Not included in round 1	Not included in round 2	×
-------------------------	-------------------------	---



Task shifting for essential nutrition services

Not included in round 1	Not included in round 2	×
-------------------------	-------------------------	---



Postponing of some nutrition services

Not included in round 1	Not included in round 2	×
-------------------------	-------------------------	---



% 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	✓
-------------------------	-------------------------	---



Inform older people, their households and caregivers on IPC measures

Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



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	✓
-------------------------	-------------------------	---



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	×
-------------------------	-------------------------	---



Inform health workers about the heightened risk of elder abuse

Not included in round 1	Not included in round 2	×
-------------------------	-------------------------	---



Ensure accessible information and different communication strategies for older people with impairments

Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



Establish hotlines for older people and caregivers to provide targeted information for older people

Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



Provide accurate accessible information of COVID-19 vaccines and access to COVID-19 vaccines according to national vaccine policies

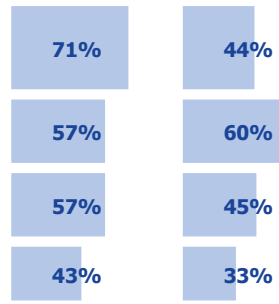
Not included in round 1	Not included in round 2	✓
-------------------------	-------------------------	---



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	✓
Not included in round 1	Not included in round 2	×
Not included in round 1	Not included in round 2	✓
Not included in round 1	Not included in round 2	✓



Offer multi-month prescriptions for older adults who have underlying health conditions

Establish mechanisms for medication delivery for older adults who have underlying health conditions

Facilitate access to rehabilitation services

Alternative or adaptive measures

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

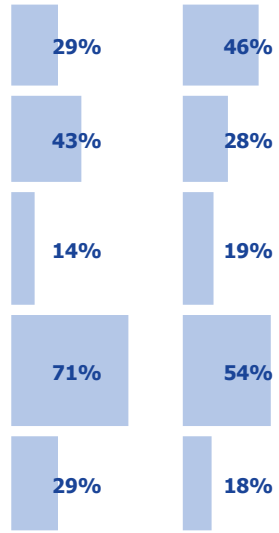
Introduce (if doesn't exist) psychosocial support for older people, for those socially isolated and with grief and loss

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

Provide education and training for caregivers at home and long-term care facilities on IPC measures and how to continue providing care safely

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	×
Not included in round 1	Not included in round 2	×
Not included in round 1	Not included in round 2	×
Not included in round 1	Not included in round 2	✓
Not included in round 1	Not included in round 2	×



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

25%

43%

School-aged children and adolescents

No

14%

45%

Pregnant women

No

25%

38%

Adults

No

14%

32%

Routine outreach immunization services

Yes

38%

49%

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%

91%

Needles or syringes

Not applicable

0%

30%

Safety boxed to dispose used syringes/needles

Not applicable

0%

18%

Cold chain equipment

Not applicable

25%

46%

Final disposal of injection wastage

Not applicable

0%

18%

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

Disruptions to demand for immunization, but less disruptions than in Jan-March 2021

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)

×

29%

49%

Enhanced routine immunization (providing additional routine immunization sessions)

×

43%

54%

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

✓

86%

41%

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

×

57%

63%

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

×

43%

36%

Round 3 survey sections

Continuity of essential health services module

Sexual, reproductive, maternal, newborn, child and adolescent health

Nutrition

Immunization

Human immunodeficiency virus and hepatitis

Tuberculosis

Malaria

Neglected tropical diseases

Mental health, neurology and substance use disorders

Care for older people

Key informant

Dr. Mariam Abdulmalik / Dr. Robert Owen

Dr. Najat Khenyab/ Dr. Sadriya Al-Kohji

Dr. Sadriya Al-Kohji

Dr. Soha Albayat

Dr. Devendra Bansal

Dr. Devendra Bansal

Dr. Devendra Bansal

Dr. Devendra Bansal

Ms. Susan Celand

Dr. Hanadi Alhamad

Key informant position

Managing Director / Chief of Major Incident Preparedness and National lead for healthy woman leading to healthy pregnancy/ National lead for children and adolescent

Head of Vaccination

Senior Specialist Research

Senior Specialist Research

Senior Specialist Research

Senior Specialist Research

Acting Executive Director, National Mental Health Program

National Lead, Healthy Ageing

Key informant organisation

Primary Health Care Corporation & Hamad Medical Corporation (HMC)

HMC/ PHCC

Ministry of Public Health

Ministry of Public Health

Ministry of Public Health

Ministry of Public Health

Ministry of Public Health

Ministry of Public Health

Ministry of Public Health

Ministry of Public health