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**Overview**

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

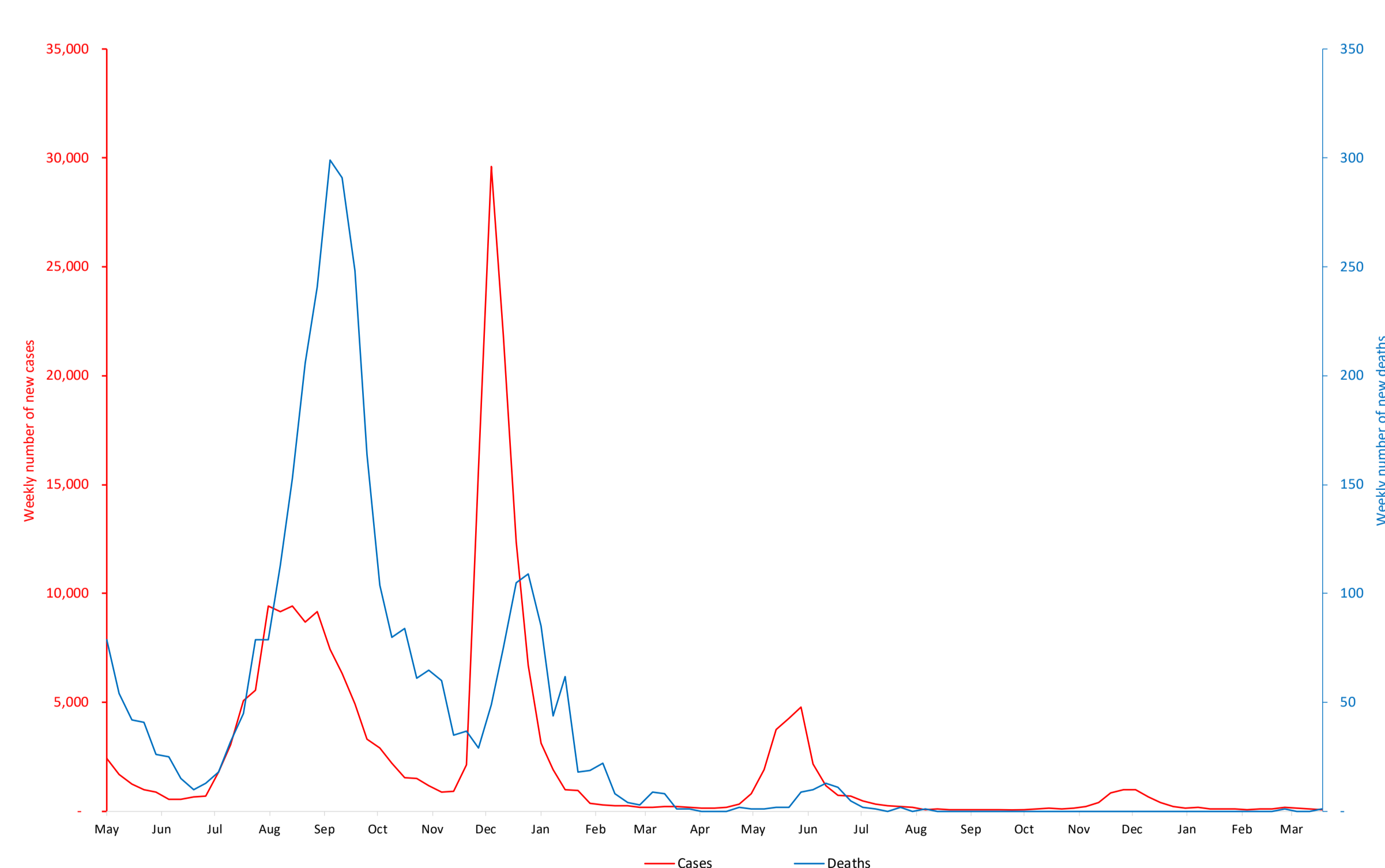
**Background**

| Region | Population  | Income Group | GDP (USD per capita) | Life Expectancy (years) | Population 60 and over (%) |
|--------|-------------|--------------|----------------------|-------------------------|----------------------------|
| AFR    | 114,963,588 | Low income   | \$925.1              | 68.7                    | 5.3%                       |

**Survey participation**

| Round 1 surveys  | Submission Date     | Round 3 survey sections  | Submission Date | Round 4 survey sections  | Submission Date |
|--|---------------------|--|-----------------|--|-----------------|
| Essential Health Services  | 2-Jun-20            | Cross-cutting continuity of essential health services module         | 17-Dec-21       | Cross-cutting continuity of essential health services module         | 3-Dec-22        |
| Noncommunicable diseases   | 19-May-20           | Sexual, reproductive, maternal, newborn, child and adolescent health | 15-Dec-21       | Sexual, reproductive, maternal, newborn, child and adolescent health | 30-Nov-22       |
| Mental, neurological, and substance use disorders                          | 7-Jul-20            | Nutrition  | 15-Dec-21       | Nutrition  | 1-Nov-22        |
|  |                     | Immunization   | 17-Dec-21       | Immunization   | 1-Nov-22        |
|  |                     | Human immunodeficiency virus and hepatitis                           | 15-Dec-21       | Human immunodeficiency virus and hepatitis                           | 31-Oct-22       |
|  |                     | Tuberculosis   | 16-Dec-21       | Tuberculosis   | 5-Dec-22        |
|  |                     | Malaria  | 17-Dec-21       | Malaria  | 2-Nov-22        |
|  |                     | Neglected tropical diseases  | 9-Dec-21        | Neglected tropical diseases  | 5-Dec-22        |
|  |                     | Mental health, neurology and substance use disorders                 | 10-Dec-21       | Mental health, neurology and substance use disorders                 | 8-Nov-22        |
|  |                     | Care for older people  | 15-Dec-21       | Noncommunicable diseases   | 8-Nov-22        |
|  |                     |  |                 | Care for older people  | 30-Nov-22       |
|  |                     |  |                 | Future acute respiratory pandemic preparedness                       | 23-Nov-22       |
| <b>Round 2 survey sections</b>   |                     |  |                 |  |                 |
| Cross-cutting continuity of essential health services module               | 15-Mar-21           |  |                 |  |                 |
| Reproductive, maternal, newborn, child and adolescent health and nutrition | 15-Mar-21           |  |                 |  |                 |
| Immunization   | 15-Mar-21           |  |                 |  |                 |
| Human immunodeficiency virus and hepatitis                                 | Did not participate |  |                 |  |                 |
| Tuberculosis   | Did not participate |  |                 |  |                 |
| Malaria  | Did not participate |  |                 |  |                 |
| Neglected tropical diseases  | Did not participate |  |                 |  |                 |
| Noncommunicable diseases   | 15-Mar-21           |  |                 |  |                 |
| Mental, neurological, and substance use disorders                          | 15-Mar-21           |  |                 |  |                 |

**Weekly number of new COVID-19 cases and deaths**



|            | Cases      | Deaths     |
|------------|------------|------------|
| Peak       | 29,605     | 299        |
| Peak date  | 2021-12-26 | 2021-09-26 |
| Latest     | 81         | 1          |
| Proportion | 0%         | 0%         |

## Summary of disruptions

### Ethiopia

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Trend over four rounds | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|------------------------|----------------------------------|--------------------------------|
| Percentage of essential health services disrupted | 81%                        | 19%                         | 53%                       | 11%                            |                        | 26%                              | 23%                            |
| Number of essential health services disrupted     | 21 out of 26 services      | 6 out of 32 services        | 18 out of 34 services     | 7 out of 64 services           |                        |                                  |                                |

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<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|
| Primary care   | Not applicable             | Some services disrupted     | No services disrupted     | No services disrupted          |
| Emergency, critical, and operative care                              | All services disrupted     | Some services disrupted     | No services disrupted     | No services disrupted          |
| Rehabilitative and palliative services                               | All services disrupted     | All services disrupted      | Not applicable            | No services disrupted          |
| Community care   | Not included in round 1    | Not included in round 2     | No services disrupted     | No services disrupted          |
| Hospital inpatient services  | Not included in round 1    | Not included in round 2     | No services disrupted     | No services disrupted          |
| Appointments with specialists  | Not included in round 1    | Not included in round 2     | Not applicable            | No services disrupted          |
| Sexual, reproductive, maternal, newborn, child and adolescent health | All services disrupted     | Some services disrupted     | Some services disrupted   | Some services disrupted        |
| Nutrition  | All services disrupted     | All services disrupted      | Some services disrupted   | All services disrupted         |
| Immunization   | All services disrupted     | No services disrupted       | All services disrupted    | All services disrupted         |
| Communicable disease   | All services disrupted     | Not applicable              | All services disrupted    | No services disrupted          |
| Neglected tropical diseases  | Not applicable             | Not applicable              | All services disrupted    | No services disrupted          |
| Mental, neurological, and substance use (MNS) disorders              | No services disrupted      | No services disrupted       | All services disrupted    | No services disrupted          |
| Noncommunicable diseases   | Some services disrupted    | No services disrupted       | Not included in round 3   | No services disrupted          |
| Care for older people  | Not included in round 1    | Not included in round 2     | Not applicable            | No services disrupted          |

## Disruptions across service delivery settings and platforms

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021)   | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|-----------------------------|--------------------------------|----------------------------------|--------------------------------|
| <b>Primary care</b>                                  | Not included in round 1    | Some services disrupted     | No services disrupted       | No services disrupted          |                                  |                                |
| Routine scheduled visits                             | Not included in round 1    | Less than 5% (including 0%) | Do not know                 | Less than 5% (including 0%)    | 29%                              | 23%                            |
| Visits for undifferentiated symptoms                 | Not included in round 1    | Less than 5% (including 0%) | Less than 5% (including 0%) | Less than 5% (including 0%)    | 20%                              | 20%                            |
| Prescription renewals for chronic medications        | Not included in round 1    | 5-25%                       | Do not know                 | Less than 5% (including 0%)    | 23%                              | 20%                            |
| <b>Emergency, critical and operative care</b>        | All services disrupted     | Some services disrupted     | No services disrupted       | No services disrupted          |                                  |                                |
| Ambulance services at the scene                      | Not included in round 1    | Less than 5% (including 0%) | Do not know                 | Less than 5% (including 0%)    | 19%                              | 13%                            |
| 24-hour emergency unit services                      | 5-50%                      | Less than 5% (including 0%) | Less than 5% (including 0%) | Less than 5% (including 0%)    | 23%                              | 16%                            |
| Elective surgeries                                   | Not included in round 1    | 5-25%                       | Do not know                 | Less than 5% (including 0%)    | 19%                              | 24%                            |
| Emergency surgeries                                  | 5-50%                      | 5-25%                       | Do not know                 | Less than 5% (including 0%)    | 16%                              | 15%                            |
| <b>Rehabilitative, palliative and long-term care</b> | All services disrupted     | All services disrupted      | Not applicable              | No services disrupted          |                                  |                                |
| Rehabilitation services                              | 5-50%                      | 5-25%                       | Do not know                 | Less than 5% (including 0%)    | 19%                              | 24%                            |
| Palliative services                                  | 5-50%                      | Do not know                 | Do not know                 | Less than 5% (including 0%)    | 21%                              | 21%                            |



**Disruptions across service delivery settings and platforms (continued)**

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021)   | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|-----------------------------|--------------------------------|----------------------------------|--------------------------------|
| <b>Community care</b>   | Not included in round 1    | Not included in round 2     | No services disrupted       | No services disrupted          |                                  |                                |
| Outreach services   | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | Less than 5% (including 0%)    | 29%                              | 22%                            |
| Health post and home visits by community health workers                     | Not included in round 1    | Not included in round 2     | Do not know                 | Less than 5% (including 0%)    | 20%                              | 20%                            |
| <b>Other</b>  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021)   | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
| Hospital inpatient services   | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | Less than 5% (including 0%)    | 18%                              | 18%                            |
| Appointments with specialists   | Not included in round 1    | Not included in round 2     | Do not know                 | Less than 5% (including 0%)    | 32%                              | 28%                            |
| Traditional and/or complementary medicine                                   | Not included in round 1    | Not included in round 2     | Not included in round 3     | Not applicable                 | 16%                              | 15%                            |
| <b>Disruptions to tracer services</b>                                       | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021)   | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
| <b>Sexual, reproductive, maternal, newborn, child and adolescent health</b> | All services disrupted     | Some services disrupted     | Some services disrupted     | Some services disrupted        |                                  |                                |
| Family planning and contraception   | 5-50%                      | Less than 5% (including 0%) | Less than 5% (including 0%) | Less than 5% (including 0%)    | 30%                              | 25%                            |
| Safe abortion   | Not included in round 1    | Not included in round 2     | 5-25%                       | 5-25%                          | 16%                              | 15%                            |
| Post-abortion care services   | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | Increase of 5% or more         | 28%                              | 24%                            |
| Fertility care/infertility services   | Not included in round 1    | Not included in round 2     | Do not know                 | Do not know                    | 22%                              | 23%                            |
| Identification and care for intimate partner violence                       | Not included in round 1    | Not included in round 2     | Do not know                 | Do not know                    | 33%                              | 20%                            |
| Response to sexual violence (post-rape care)                                | Not included in round 1    | Not included in round 2     | Do not know                 | Do not know                    | 23%                              | 13%                            |
| Antenatal care  | 5-50%                      | Less than 5% (including 0%) | 5-25%                       | Less than 5% (including 0%)    | 31%                              | 23%                            |
| Facility-based births   | 5-50%                      | Less than 5% (including 0%) | Less than 5% (including 0%) | Increase of 5% or more         | 24%                              | 18%                            |
| Postnatal care for women and newborns                                       | Not included in round 1    | Less than 5% (including 0%) | Less than 5% (including 0%) | Increase of 5% or more         | 31%                              | 21%                            |
| Neonatal intensive care unit (NICU) services                                | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | Increase of 5% or more         | 24%                              | 14%                            |
| Sick child services   | 5-50%                      | 5-25%                       | Less than 5% (including 0%) | Increase of 5% or more         | 31%                              | 21%                            |
| Well-child visits   | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | Increase of 5% or more         | 30%                              | 24%                            |
| Adolescent and youth friendly services                                      | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | Increase of 5% or more         | 32%                              | 26%                            |
| <b>Nutrition</b>  | All services disrupted     | All services disrupted      | Some services disrupted     | All services disrupted         |                                  |                                |
| Counselling on infant and young-child feeding                               | Not included in round 1    | Not included in round 2     | 5-25%                       | 26-50%                         | 45%                              | 31%                            |
| Screening for and/or management of moderate and severe wasting              | 5-50%                      | 5-25%                       | Less than 5% (including 0%) | 5-25%                          | 44%                              | 28%                            |
| Distribution of high-dose vitamin A supplementation                         | Not included in round 1    | Not included in round 2     | Less than 5% (including 0%) | 5-25%                          | 39%                              | 29%                            |
| Growth monitoring and promotion   | Not included in round 1    | Not included in round 2     | Not included in round 3     | 26-50%                         | 53%                              | 34%                            |
| <b>Care for older people</b>  | Not applicable             | Not applicable              | Not applicable              | No services disrupted          |                                  |                                |
| Health and social care services in long-term care facilities                | Not included in round 1    | Not included in round 2     | Do not know                 | Do not know                    | 31%                              | 22%                            |
| Health and social care services in the community                            | Not included in round 1    | Not included in round 2     | Do not know                 | Do not know                    | 43%                              | 36%                            |
| Provision of integrated health and social care services                     | Not included in round 1    | Not included in round 2     | Do not know                 | Increase of 5% or more         | 42%                              | 31%                            |
| Screening and assessment of physical and mental capacities                  | Not included in round 1    | Not included in round 2     | Do not know                 | Do not know                    | 43%                              | 37%                            |
| <b>Immunization</b>   | All services disrupted     | No services disrupted       | All services disrupted      | All services disrupted         |                                  |                                |
| Routine facility-based immunization services                                | 5-50%                      | Less than 5% (including 0%) | 5-25%                       | 5-25%                          | 29%                              | 28%                            |
| Routine outreach immunization services                                      | 5-50%                      | Less than 5% (including 0%) | 26-50%                      | 5-25%                          | 50%                              | 35%                            |



## Disruptions to tracer services (continued)

### Communicable diseases

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(May-Oct 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
|  | All services disrupted     | Not applicable              | All services disrupted    | No services disrupted          |                                  |                                |
| HIV prevention services  | No response                | No response                 | 5-25%                     | Less than 5% (including 0%)    | 29%                              | 24%                            |
| HIV testing services   | No response                | No response                 | 5-25%                     | Less than 5% (including 0%)    | 22%                              | 27%                            |
| Continuation of established ARV treatment                            | 5-50%                      | No response                 | 5-25%                     | Less than 5% (including 0%)    | 16%                              | 8%                             |
| Initiation of new ARV treatment                                      | No response                | No response                 | 5-25%                     | Less than 5% (including 0%)    | 19%                              | 12%                            |
| Hepatitis B and C diagnosis and treatment                            | No response                | No response                 | Not applicable            | Not included in Round 4        | NA                               | NA                             |
| Hepatitis B diagnosis and treatment                                  | Not included in round 1    | Not included in round 2     | Not included in round 3   | Not applicable                 | 12%                              | 19%                            |
| Hepatitis C diagnosis and cure                                       | Not included in round 1    | Not included in round 2     | Not included in round 3   | Not applicable                 | 14%                              | 18%                            |
| STI treatment services   | Not included in round 1    | Not included in round 2     | Not included in round 3   | Less than 5% (including 0%)    | 21%                              | 22%                            |
| Testing of pregnant women for syphilis                               | Not included in round 1    | Not included in round 2     | Not included in round 3   | Less than 5% (including 0%)    | 19%                              | 14%                            |
| TB case detection and treatment                                      | 5-50%                      | No response                 | 5-25%                     | Less than 5% (including 0%)    | 37%                              | 37%                            |
| Malaria diagnosis and treatment                                      | 5-50%                      | No response                 | No response               | No response                    | 17%                              | 22%                            |
| Malaria tests performed by health worker                             | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 14%                              | 22%                            |
| Campaigns for distribution of insecticide treated nets (ITN)         | 5-50%                      | No response                 | No response               | No response                    | 21%                              | 33%                            |
| Malaria prevention campaigns: indoor residual spraying (IRS)         | 5-50%                      | No response                 | No response               | No response                    | 5%                               | 20%                            |
| Malaria prevention campaigns: seasonal malaria chemoprevention (SMC) | Not applicable             | No response                 | No response               | No response                    | 0%                               | 0%                             |
| Malaria surveillance   | Not included in round 1    | Not included in round 2     | No response               | No response                    | 7%                               | 13%                            |

### Neglected tropical diseases

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(May-Oct 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
|  | Not applicable             | Not applicable              | All services disrupted    | No services disrupted          |                                  |                                |
| Diagnosis, treatment and care for NTDs   | Not included in round 1    | No response                 | 5-25%                     | Less than 5% (including 0%)    | 29%                              | 28%                            |
| Large scale preventive chemotherapy campaigns for NTDs   | Not included in round 1    | No response                 | 5-25%                     | Less than 5% (including 0%)    | 29%                              | 35%                            |
| Community awareness and health education campaigns for NTDs                                    | Not included in round 1    | No response                 | 5-25%                     | Less than 5% (including 0%)    | 26%                              | 33%                            |
| Support for self-care, rehabilitation and psychosocial services for patients with chronic NTDs | Not included in round 1    | No response                 | 5-25%                     | Less than 5% (including 0%)    | 18%                              | 21%                            |
| Prescriptions for NTD medicines  | Not included in round 1    | No response                 | 5-25%                     | Less than 5% (including 0%)    | 26%                              | 18%                            |
| Surgical procedures for NTDs   | Not included in round 1    | No response                 | 5-25%                     | Less than 5% (including 0%)    | 21%                              | 19%                            |

### Noncommunicable diseases

|  | Round 1<br>(May-Sept 2020)  | Round 2<br>(Jan-March 2021) | Round 3<br>(May-Oct 2021)   | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|-----------------------------|-----------------------------|-----------------------------|--------------------------------|----------------------------------|--------------------------------|
|  | Some services disrupted     | No services disrupted       | No services disrupted       | No services disrupted          |                                  |                                |
| Hypertension management                        | 5-50%                       | Less than 5% (including 0%) | Not included in round 3     | Less than 5% (including 0%)    | 31%                              | 30%                            |
| Cardiovascular emergencies                     | 5-50%                       | Less than 5% (including 0%) | Not included in round 3     | Less than 5% (including 0%)    | 30%                              | 21%                            |
| Diabetes and Diabetic Complications Management | 5-50%                       | Less than 5% (including 0%) | Not included in round 3     | Less than 5% (including 0%)    | 31%                              | 26%                            |
| Cancer screening                               | Not included in round 1     | Less than 5% (including 0%) | Less than 5% (including 0%) | Less than 5% (including 0%)    | 33%                              | 32%                            |
| Cancer treatment                               | 5-50%                       | Less than 5% (including 0%) | Less than 5% (including 0%) | Less than 5% (including 0%)    | 30%                              | 24%                            |
| Asthma services                                | 5-50%                       | Less than 5% (including 0%) | Not included in round 3     | Less than 5% (including 0%)    | 34%                              | 25%                            |
| Urgent dental care                             | Less than 5% (including 0%) | Do not know                 | Not included in round 3     | Less than 5% (including 0%)    | 40%                              | 26%                            |

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

|   | Round 1<br>(May-Sept 2020)  | Round 2<br>(Jan-March 2021) | Round 3<br>(May-Oct 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|-----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
|   | No services disrupted       | No services disrupted       | All services disrupted    | No services disrupted          |                                  |                                |
| Management of emergency of MNS manifestations   | Less than 5% (including 0%) | Less than 5% (including 0%) | 26-50%                    | Less than 5% (including 0%)    | 17%                              | 9%                             |
| Psychotherapy/counselling/psychosocial interventions for MNS disorders                      | Less than 5% (including 0%) | Less than 5% (including 0%) | 26-50%                    | Less than 5% (including 0%)    | 13%                              | 14%                            |
| Availability of psychotropic medicines for management of MNS disorders                      | Less than 5% (including 0%) | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 18%                              | 17%                            |
| Services for children and adolescents with mental health conditions or disabilities         | Less than 5% (including 0%) | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 0%                               | 12%                            |
| Services for older adults with mental health conditions or disabilities, including dementia | No response                 | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 5%                               | 13%                            |
| Neuroimaging and neurophysiology  | Not included in round 1     | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 0%                               | 9%                             |
| School mental health programme  | No response                 | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 16%                              | 15%                            |
| Inclusive schooling for children with special needs   | Not included in round 1     | Not included in round 2     | Do not know               | Less than 5% (including 0%)    | 6%                               | 8%                             |
| Suicide prevention programme  | No response                 | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 6%                               | 13%                            |
| Substance use prevention and management programs  | No response                 | Less than 5% (including 0%) | No response               | Less than 5% (including 0%)    | 8%                               | 11%                            |
| Alcohol prevention and management programs  | No response                 | Not included in round 2     | Do not know               | Less than 5% (including 0%)    | 11%                              | 13%                            |
| Critical harm reduction services  | No response                 | Less than 5% (including 0%) | Do not know               | Less than 5% (including 0%)    | 0%                               | 9%                             |



### Service backlog trends:

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Elective surgeries and procedures             | Not included in round 1    | Increased                   | Do not know               | Do not know                    | 60%                              | 47%                            |
| Appointments with specialists (outpatient)    | Not included in round 1    | Not included in round 2     | Do not know               | Do not know                    | 60%                              | 50%                            |
| Screening, diagnosis and treatment of cancers | Not included in round 1    | Not included in round 2     | Do not know               | Do not know                    | 57%                              | 48%                            |
| Screening, diagnosis and treatment of NCDs    | Not included in round 1    | Not included in round 2     | Do not know               | Do not know                    | 68%                              | 62%                            |
| Rehabilitation services                       | Not included in round 1    | Not included in round 2     | Do not know               | Do not know                    | 55%                              | 52%                            |

% of countries with increased backlogs

### Supply chain disruptions:

|                                   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|-----------------------------------|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
|                                   | Not included in round 1    | No                          | Yes                       | No                             | 34%                              | 24%                            |
| Vaccines                          | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 70%                              | 57%                            |
| Medicines (excluding oxygen)      | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 64%                              | 77%                            |
| Medical oxygen                    | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 45%                              | 48%                            |
| Laboratory supplies               | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 70%                              | 75%                            |
| Medical supplies                  | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 82%                              | 82%                            |
| Medical imaging accessories       | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 45%                              | 44%                            |
| Personal protective equipment     | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 27%                              | 27%                            |
| Disinfectant and hygiene supplies | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 36%                              | 29%                            |

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

### Intentional modifications to service delivery and essential public health functions

#### Strategic changes to service delivery platform access

|                                     | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|-------------------------------------|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Primary care services               | Not included in round 1    | Not included in round 2     | Functioning as normal     | Functioning as normal          | 11%                              | 7%                             |
| Outpatient services                 | Limited                    | Functioning as normal       | Functioning as normal     | Functioning as normal          | 16%                              | 11%                            |
| Inpatient services                  | Limited                    | Functioning as normal       | Functioning as normal     | Functioning as normal          | 14%                              | 10%                            |
| Emergency unit services             | Functioning as normal      | Functioning as normal       | Functioning as normal     | Functioning as normal          | 5%                               | 4%                             |
| Prehospital emergency care services | Functioning as normal      | Limited                     | Functioning as normal     | Functioning as normal          | 22%                              | 11%                            |
| Community-based care                | Limited                    | Limited                     | Functioning as normal     | Functioning as normal          | 22%                              | 16%                            |
| Mobile clinics                      | Do not know                | Limited                     | Functioning as normal     | Functioning as normal          | 24%                              | 20%                            |

■ Suspended ■ Limited

% of countries

#### Strategic changes to essential public health functions and activities

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Population-based activities for health protection            | Not included in round 1    | Limited                     | Functioning as normal     | Functioning as normal          | 29%                              | 15%                            |
| Health promotion population-based activities                 | Not included in round 1    | Limited                     | Functioning as normal     | Functioning as normal          | 11%                              | 11%                            |
| Disease prevention population-based activities               | Not included in round 1    | Limited                     | Functioning as normal     | Functioning as normal          | 17%                              | 13%                            |
| Surveillance and response                                    | Not included in round 1    | Functioning as normal       | Functioning as normal     | Functioning as normal          | 19%                              | 10%                            |
| Emergency preparedness and response                          | Not included in round 1    | Functioning as normal       | Functioning as normal     | Functioning as normal          | 16%                              | 12%                            |
| Communications and social mobilization activities for health | Not included in round 1    | Functioning as normal       | Functioning as normal     | Functioning as normal          | 20%                              | 12%                            |
| Public health research                                       | Not included in round 1    | Limited                     | Functioning as normal     | Functioning as normal          | 31%                              | 25%                            |

■ Suspended ■ Limited

% of countries

#### Government staff responsible for EHS delivery have been reassigned/deployed to COVID-19 response

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)  | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|---|----------------------------------|--------------------------------|
|  | Not included in round 1    | Not included in round 2     | Not included in round 3   | Staff were reassigned or deployed but all staff are now back to regular roles | 97%                              | 98%                            |

% of countries who reassigned or deployed staff at any time

## Mitigation strategies and recovery measures

| Service delivery modifications  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                    | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|---|----------------------------------|--------------------------------|
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| Expansion of facility hours   | Not included in round 1    | ×                           | ×                         | Used and integrated into routine service delivery | 50%                              | 52%                            |
| Provision of home-based care where appropriate  | Not included in round 1    | ×                           | ×                         | Used and integrated into routine service delivery | 71%                              | 69%                            |
| Telemedicine deployment to replace in-person consults   | Not included in round 1    | ×                           | ×                         | Used and integrated into routine service delivery | 44%                              | 66%                            |
| Use of self-care interventions where appropriate  | Not included in round 1    | ×                           | ×                         | Used and integrated into routine service delivery | 74%                              | 65%                            |
| Catch-up campaigns for missed appointments  | Not included in round 1    | ×                           | ×                         | Used and integrated into routine service delivery | 71%                              | 53%                            |
| Integration of several services into single visit   | Not included in round 1    | ×                           | ×                         | Not used  | 44%                              | 42%                            |
| Redirection of patients to alternate care sites/reorientation of referral pathways                                      | ×                          | ×                           | ✓                         | Not used  | 62%                              | 58%                            |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| <b>Health worker capacities and training</b>  |                            |                             |                           |   |                                  |                                |
| Redistribution of health worker tasks and optimization of roles   | ✓                          | ✓                           | ✓                         | Used and integrated into routine service delivery | 65%                              | 72%                            |
| 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     | ×                         | Used and integrated into routine service delivery | 76%                              | 80%                            |
| Recruitment of additional staff   | No response                | ✓                           | ×                         | Used and integrated into routine service delivery | 74%                              | 71%                            |
| Provision of mental health care and psychosocial support to health workers  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 74%                              | 63%                            |
| 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     | ×                         | Used and integrated into routine service delivery | 32%                              | 40%                            |
| Paid sick leave, overtime pay, and/or hazard pay  | Not included in round 1    | Not included in round 2     | ×                         | Not used  | 47%                              | 55%                            |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| <b>Access to medicines and health products</b>  |                            |                             |                           |   |                                  |                                |
| Novel approaches to renewing prescriptions and dispensing medications   | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 50%                              | 56%                            |
| Adaption of supply chain logistics and management processes   | ✓                          | ×                           | ×                         | Used and integrated into routine service delivery | 65%                              | 71%                            |
| Procurement of surge commodities (e.g. PPE, oxygen)   | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 79%                              | 75%                            |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| <b>Community engagement and risk communication strategies</b>   |                            |                             |                           |   |                                  |                                |
| Community communications  | ×                          | ✓                           | ✓                         | Used and integrated into routine service delivery | 88%                              | 89%                            |
| Use of proactive governmental strategies to reach vulnerable groups   | Not included in round 1    | ✓                           | ✓                         | Used and integrated into routine service delivery | 44%                              | 63%                            |
| Use of existing networks or organizations (e.g. NGOs) to reach vulnerable groups  | Not included in round 1    | ×                           | ✓                         | Used and integrated into routine service delivery | 82%                              | 77%                            |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| <b>Health financing strategies</b>  |                            |                             |                           |   |                                  |                                |
| Removal of user fees or provision of subsidies for fees at point of use   | ✓                          | ×                           | No response               | Used and integrated into routine service delivery | 32%                              | 41%                            |
| Provision of cash transfers for vulnerable populations to access care   | Not included in round 1    | Not included in round 2     | No response               | Not used  | 38%                              | 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     | No response               | Not used  | 53%                              | 48%                            |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| <b>Systematic use of quality improvement approaches</b>   |                            |                             |                           |   |                                  |                                |
| Improving patient flow in health facilities   | Not included in round 1    | Not included in round 2     | Not included in round 3   | Used and integrated into routine service delivery | 62%                              | 68%                            |
| Improving the quality of care in essential health services delivered to patients  | Not included in round 1    | Not included in round 2     | Not included in round 3   | Used and integrated into routine service delivery | 76%                              | 64%                            |
| Providing training and supportive supervision of the workforce in quality improvement                                   | Not included in round 1    | Not included in round 2     | Not included in round 3   | Used and integrated into routine service delivery | 85%                              | 75%                            |
| Application of improvement cycles to find solutions for priority issues and challenges in the delivery of clinical care | Not included in round 1    | Not included in round 2     | Not included in round 3   | Not used  | 47%                              | 48%                            |



## Policies, planning and investments

### Policies and plans

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)          | Regional comparison<br>(Round 4)  | Global comparison<br>(Round 4)   |
|--|----------------------------|-----------------------------|---------------------------|---|-----------------------------------|----------------------------------|
| Government has defined EHS to be maintained during COVID-19  | Yes                        | Yes                         | Yes, developed            | Yes, developed and revised in last year | 50%                               | 59%                              |
| 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     | Do not know               | Do not know                             | 39%                               | 44%                              |
| Plan has been budgeted   | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | 92%                               | 92%                              |
| Implementation of plan has started   | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | 83%                               | 95%                              |
| Implementation hasn't started because:   |                            |                             |                           |   |                                   |                                  |
| Focus is still currently on pandemic response  | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | Sample size too small to display. | Sample size too small to display |
| Focus is currently on socio-economic recovery  | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | Sample size too small to display  | Sample size too small to display |
| Limited resources  | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | Sample size too small to display  | Sample size too small to display |
| No designated authority/platform/mechanism to coordinate implementation  | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | Sample size too small to display  | Sample size too small to display |
| A focused review was used to inform recovery plan  | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                             | 82%                               | 94%                              |

Thematic areas that have been identified as central to ongoing recovery effort:

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Primary Care  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 89%                              | 89%                            |
| Emergency risk management including preparedness                                | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 95%                              | 84%                            |
| Other essential public health functions   | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 42%                              | 62%                            |
| Continuity of essential health services across health programmes and conditions | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 89%                              | 83%                            |
| Whole of government / multisectoral engagement                                  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 58%                              | 57%                            |
| Community engagement  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 92%                              | 75%                            |
| Vulnerable and marginalized populations   | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 68%                              | 65%                            |
| Quality of care   | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 76%                              | 63%                            |
| None  | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 0%                               | 2%                             |

### Country made additional government funding and investments

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| To maintain EHS during COVID-19  | ✓                          | ✓                           | ×                         | No response                    | 76%                              | 83%                            |
| To cover reductions in loss of revenue                                     | Not included in round 1    | Not included in round 2     | Not included in round 3   | No response                    | 28%                              | 56%                            |
| For longer-term recovery and/or health service resilience and preparedness | Not included in round 1    | Not included in round 2     | ×                         | No response                    | 58%                              | 74%                            |

Sub-areas where investments have been made

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| New facility infrastructure                             | Not included in round 1    | Not included in round 2     | N/A                       | N/A                            | 78%                              | 81%                            |
| Digital health technologies and infrastructure          | Not included in round 1    | Not included in round 2     | N/A                       | N/A                            | 67%                              | 87%                            |
| Health workforce capacity strengthening                 | Not included in round 1    | Not included in round 2     | N/A                       | N/A                            | 100%                             | 95%                            |
| Access to medicines, supplies and other health products | Not included in round 1    | Not included in round 2     | N/A                       | N/A                            | 89%                              | 86%                            |
| Health information systems                              | Not included in round 1    | Not included in round 2     | N/A                       | N/A                            | 83%                              | 80%                            |

% of countries responding yes

**Country received additional external funding to support health system recovery efforts from:**

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) |     |     |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|-----|-----|
| None  | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 0%  | 15% |
| WHO   | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 87% | 78% |
| Other UN agencies and multilateral development banks          | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 87% | 75% |
| Bilateral development partners                                | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 87% | 64% |
| International non-governmental organizations (not for profit) | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 61% | 58% |
| National non-governmental organizations (not for profit)      | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 37% | 41% |
| International private organizations (for profit)              | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 32% | 30% |
| National private organizations (for profit)                   | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 26% | 27% |

There is a designated national authority with clear responsibility for coordinating health system recovery efforts within the health sector and/or across other sectors

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) |     |     |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|-----|-----|
|  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 74% | 78% |

% of countries responding yes

**Information tracking**

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Regularly monitoring the continuity of EHS during COVID-19  | Not included in round 1    | Yes                         | Yes                       | Yes                            | 86%                              | 88%                            |
| If yes, does it include monitoring mitigation or recovery strategies  | Not included in round 1    | Yes                         | Yes                       | Yes                            | 86%                              | 82%                            |
| If yes, does it include monitoring of the long-term effects of essential health service disruptions                           | Not included in round 1    | Not included in round 2     | Yes                       | Do not know                    | 81%                              | 80%                            |
| If yes, does it include monitoring of barriers to accessing essential health services   | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes                            | 93%                              | 85%                            |
| If yes, does it include monitoring of changes in care-seeking behaviour   | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes                            | 93%                              | 83%                            |
| Focused review and documentation of the current situation and the impact of the pandemic in order to inform recovery planning | Not included in round 1    | Not included in round 2     | Not included in round 3   | Do not know                    | 79%                              | 76%                            |

% of countries responding yes

|  |                         |  |   |  |     |     |
|--|-------------------------|--|---|--|-----|-----|
| Existence of team dedicated to tracking and addressing the infodemic and health misinformation during COVID-19 | Not included in round 1 | Yes, within Ministry of Health or equivalent | No unit, but we have staff completing these tasks | Yes, within Ministry of Health or equivalent | 95% | 90% |
| Collecting or collating data on comorbidities in COVID-19 patients   | Not included in round 1 | Yes  | Yes   | Yes  | 97% | 94% |
| Collecting or collating patient-level data on post-COVID-19 condition and its sequelae                         | Not included in round 1 | Not included in round 2                      | Do not know                                       | Yes  | 52% | 57% |
| Active, multi-source social listening mechanism in place to inform decision-making                             | Not included in round 1 | Not included in round 2                      | Not included in round 3                           | Yes  | 71% | 63% |
| 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   | Yes  | 65% | 66% |

**Capacities for potential COVID-19 surge**

|                                 | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---------------------------------|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Current surge capacity assessed | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes, fully completed           | 44%                              | 42%                            |

% of countries responding yes

**Priority health capacity strengthening areas for potential COVID-19 surge (top 3)**

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) |     |     |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|-----|-----|
| Multisectoral coordination, governance and financing                     | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 55% | 64% |
| Surveillance, laboratories and diagnostics                               | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 74% | 60% |
| Risk communication and community engagement                              | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 61% | 54% |
| Managing essential health services and systems                           | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 18% | 33% |
| Points of entry, international travel and transport, and mass gatherings | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 42% | 26% |
| Protection of health workforce   | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 24% | 27% |
| Infection prevention and control   | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 21% | 17% |
| Operational support, logistics and supply chains                         | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 18% | 17% |
| Research and development   | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 8%  | 14% |
| Case management and clinical operations                                  | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 24% | 14% |

% of countries responding yes



|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| <b>Capacities that were strengthened or institutionalized for the COVID-19 pandemic that have been leveraged in response for any other non-COVID-19 public health emergency or disaster</b> |                            |                             |                           |                                |                                  |                                |
|   |                            |                             |                           |                                | % of countries responding yes    |                                |
| Not applicable/no other public health emergencies or disasters  | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 8%                               | 15%                            |
| Multisectoral coordination, governance and financing  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 86%                              | 76%                            |
| Risk communication, community engagement and infodemic management   | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 94%                              | 83%                            |
| Surveillance, laboratories and diagnostics  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 94%                              | 90%                            |
| Points of entry, international travel and transport, and mass gatherings  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 83%                              | 72%                            |
| Protection of health workforce  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 71%                              | 69%                            |
| Case management, clinical operations  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 77%                              | 66%                            |
| Infection prevention and control  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 89%                              | 82%                            |
| Operational support, logistics and supply chains  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 83%                              | 78%                            |
| Managing essential health services and systems  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 74%                              | 71%                            |
| Research and development  | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 51%                              | 47%                            |
| None  | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 0%                               | 0%                             |

**Future acute respiratory pandemic preparedness**

|   | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |  |
|---|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|--|
|   |                             |                           |                                | % of countries responding yes    |                                |  |
| There is a national multisectoral committee for future respiratory pathogen pandemic preparedness         | Not included in round 2     | Not included in round 3   | Yes (or being established)     | 73%                              | 74%                            |  |
| Country has respiratory pathogen preparedness plan  | Not included in round 2     | Not included in round 3   | Yes                            | 55%                              | 68%                            |  |
| <b>Top three priority health capacity strengthening areas</b>   |                             |                           |                                |                                  |                                |  |
|   |                             |                           |                                | % of countries responding yes    |                                |  |
| Multisectoral coordination, governance and financing  | Not included in round 2     | Not included in round 3   | ×                              | 73%                              | 66%                            |  |
| Risk communication and community engagement   | Not included in round 2     | Not included in round 3   | ×                              | 34%                              | 35%                            |  |
| Surveillance, laboratories and diagnostics  | Not included in round 2     | Not included in round 3   | ✓                              | 83%                              | 73%                            |  |
| Points of entry, international travel and transport, and mass gatherings                                  | Not included in round 2     | Not included in round 3   | ×                              | 32%                              | 23%                            |  |
| Protection of health workforce  | Not included in round 2     | Not included in round 3   | ×                              | 5%                               | 17%                            |  |
| Case management, clinical operations, and infection prevention and control                                | Not included in round 2     | Not included in round 3   | ×                              | 32%                              | 24%                            |  |
| Operational support, logistics and supply chains  | Not included in round 2     | Not included in round 3   | ✓                              | 15%                              | 15%                            |  |
| Managing essential health services and systems  | Not included in round 2     | Not included in round 3   | ×                              | 5%                               | 17%                            |  |
| Planning for pandemic product deployment (vaccines, therapeutics and other devices)                       | Not included in round 2     | Not included in round 3   | ×                              | 5%                               | 4%                             |  |
| Research and development  | Not included in round 2     | Not included in round 3   | ✓                              | 15%                              | 14%                            |  |
| <b>The following ministries/agencies are engaged in future respiratory pathogen pandemic preparedness</b> |                             |                           |                                |                                  |                                |  |
|   |                             |                           |                                | % of countries responding yes    |                                |  |
| National legislative body, office of head of state  | Not included in round 2     | Not included in round 3   | ✓                              | 71%                              | 66%                            |  |
| Finance   | Not included in round 2     | Not included in round 3   | ✓                              | 83%                              | 68%                            |  |
| Disaster risk management  | Not included in round 2     | Not included in round 3   | ✓                              | 85%                              | 77%                            |  |
| Home affairs, interior affairs  | Not included in round 2     | Not included in round 3   | ×                              | 63%                              | 59%                            |  |
| Commerce, trade   | Not included in round 2     | Not included in round 3   | ×                              | 46%                              | 39%                            |  |
| Defense, security forces  | Not included in round 2     | Not included in round 3   | ✓                              | 78%                              | 68%                            |  |
| Labour, social welfare  | Not included in round 2     | Not included in round 3   | ×                              | 49%                              | 45%                            |  |
| Public works and services   | Not included in round 2     | Not included in round 3   | ×                              | 39%                              | 39%                            |  |
| Information and communication   | Not included in round 2     | Not included in round 3   | ✓                              | 90%                              | 71%                            |  |
| Education   | Not included in round 2     | Not included in round 3   | ×                              | 76%                              | 61%                            |  |

**Delivery of essential COVID-19 tools**

| COVID-19 diagnostic and testing | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---------------------------------|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
|---------------------------------|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|



**Top three bottlenecks for potential scale up**

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Lack of funding                                | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 64%                              | 68%                            |
| Health workforce challenges                    | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 58%                              | 80%                            |
| Shortages in laboratory supplies and equipment | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 58%                              | 56%                            |
| Lack of distribution capacity                  | Not included in round 1    | Not included in round 2     | -                         | ✓                              | 17%                              | 10%                            |
| Lack of clear strategy, guidance or protocols  | Not included in round 1    | Not included in round 2     | -                         | -                              | 14%                              | 13%                            |
| Lack of data/information                       | Not included in round 1    | Not included in round 2     | -                         | -                              | 8%                               | 23%                            |
| Demand-side challenges                         | Not included in round 1    | Not included in round 2     | -                         | -                              | 19%                              | 30%                            |

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

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Financial planning support   | Not included in round 1    | Not included in round 2     | -                         | ✓                              | 58%                              | 59%                            |
| Health worker recruitment, retention and training  | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 56%                              | 76%                            |
| Operational guidance and protocols for supply chain management                             | Not included in round 1    | Not included in round 2     | -                         | ✓                              | 19%                              | 22%                            |
| Surge procurement of COVID-19 laboratory supplies and equipment                            | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 47%                              | 37%                            |
| Guidance on developing national policies, strategies, or plans for scale up                | Not included in round 1    | Not included in round 2     | -                         | -                              | 25%                              | 26%                            |
| Rapid tools or guidance to assess and monitor gaps and health system absorption capacities | Not included in round 1    | Not included in round 2     | -                         | -                              | 17%                              | 33%                            |
| Risk communication and community engagement strategies                                     | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 25%                              | 27%                            |

**COVID-19 case management**

|   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| <b>Top three bottlenecks for potential scale up</b> |                            |                             |                           |                                |                                  |                                |
| Lack of funding                                     | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 54%                              | 57%                            |
| Health workforce challenges                         | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 86%                              | 80%                            |
| Shortages in COVID-19 therapeutics and equipment    | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 46%                              | 39%                            |
| Lack of distribution capacity                       | Not included in round 1    | Not included in round 2     | -                         | -                              | 19%                              | 17%                            |
| Lack of facility infrastructure                     | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 41%                              | 29%                            |
| Lack of clear strategy, guidance or protocols       | Not included in round 1    | Not included in round 2     | -                         | -                              | 14%                              | 12%                            |
| Lack of data/information                            | Not included in round 1    | Not included in round 2     | -                         | -                              | 16%                              | 17%                            |
| Demand-side challenges                              | Not included in round 1    | Not included in round 2     | -                         | -                              | 8%                               | 14%                            |

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

|  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Financial planning support   | Not included in round 1    | Not included in round 2     | -                         | -                              | 54%                              | 60%                            |
| Health worker recruitment, retention and training  | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 81%                              | 80%                            |
| Operational guidance and protocols for supply chain management                             | Not included in round 1    | Not included in round 2     | -                         | -                              | 22%                              | 20%                            |
| Surge procurement of COVID-19 related therapeutics and equipment                           | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 35%                              | 33%                            |
| Additional physical infrastructure   | Not included in round 1    | Not included in round 2     | Not included in round 3   | ✓                              | 41%                              | 33%                            |
| Guidance on developing national policies, strategies, or plans for scale up                | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 27%                              | 22%                            |
| Rapid tools or guidance to assess and monitor gaps and health system absorption capacities | Not included in round 1    | Not included in round 2     | -                         | -                              | 19%                              | 24%                            |
| Risk communication and community engagement strategies                                     | Not included in round 1    | Not included in round 2     | -                         | -                              | 14%                              | 13%                            |



## Delivery of essential COVID-19 tools (continued)

| PPE distribution and use                            | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| <b>Top three bottlenecks for potential scale up</b> |                            |                             |                           |                                |                                  |                                |
|   |                            |                             |                           |                                | % of countries responding yes    |                                |
| Lack of funding                                     | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 67%                              | 61%                            |
| Health workforce challenges                         | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 33%                              | 40%                            |
| Shortages in PPE                                    | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 64%                              | 58%                            |
| Lack of distribution capacity                       | Not included in round 1    | Not included in round 2     | -                         | ✓                              | 42%                              | 37%                            |
| Lack of clear strategy, guidance or protocols       | Not included in round 1    | Not included in round 2     | -                         | -                              | 22%                              | 24%                            |
| Lack of data/information                            | Not included in round 1    | Not included in round 2     | -                         | -                              | 44%                              | 43%                            |

| <b>Top three technical assistance or support interventions needed to address bottlenecks</b> |                         |                         |   |   |                               |     |
|--|-------------------------|-------------------------|---|---|-------------------------------|-----|
|  |                         |                         |   |   | % of countries responding yes |     |
| Financial planning support   | Not included in round 1 | Not included in round 2 | - | ✓ | 61%                           | 65% |
| Health worker training on appropriate use of PPE   | Not included in round 1 | Not included in round 2 | ✓ | - | 47%                           | 50% |
| Operational guidance and protocols for supply chain management                               | Not included in round 1 | Not included in round 2 | - | - | 42%                           | 41% |
| Surge procurement of PPE   | Not included in round 1 | Not included in round 2 | ✓ | ✓ | 50%                           | 46% |
| Guidance on developing national policies, strategies, or plans for scale up                  | Not included in round 1 | Not included in round 2 | - | - | 25%                           | 23% |
| Rapid tools or guidance to assess and monitor gaps and health system absorption capacities   | Not included in round 1 | Not included in round 2 | ✓ | - | 39%                           | 43% |

| COVID-19 vaccination                                | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| <b>Top three bottlenecks for potential scale up</b> |                            |                             |                           |                                |                                  |                                |
|   |                            |                             |                           |                                | % of countries responding yes    |                                |
| Lack of funding                                     | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 36%                              | 37%                            |
| Health workforce challenges                         | Not included in round 1    | Not included in round 2     | -                         | -                              | 50%                              | 47%                            |
| Shortages in vaccines and equipment                 | Not included in round 1    | Not included in round 2     | ✓                         | ✓                              | 17%                              | 24%                            |
| Lack of distribution capacity                       | Not included in round 1    | Not included in round 2     | -                         | ✓                              | 33%                              | 23%                            |
| Lack of clear strategy, guidance or protocols       | Not included in round 1    | Not included in round 2     | -                         | -                              | 17%                              | 11%                            |
| Lack of data/information                            | Not included in round 1    | Not included in round 2     | Not included in round 3   | -                              | 17%                              | 11%                            |
| Demand-side challenges                              | Not included in round 1    | Not included in round 2     | ✓                         | -                              | 72%                              | 74%                            |

| <b>Top three technical assistance or support interventions needed to address bottlenecks</b> |                         |                         |   |   |                               |     |
|--|-------------------------|-------------------------|---|---|-------------------------------|-----|
|  |                         |                         |   |   | % of countries responding yes |     |
| Financial planning support   | Not included in round 1 | Not included in round 2 | - | ✓ | 33%                           | 37% |
| Health worker recruitment, retention and training  | Not included in round 1 | Not included in round 2 | ✓ | - | 53%                           | 48% |
| Operational guidance and protocols for supply chain management                               | Not included in round 1 | Not included in round 2 | - | ✓ | 36%                           | 25% |
| Procurement of vaccines  | Not included in round 1 | Not included in round 2 | - | ✓ | 8%                            | 21% |
| Guidance on developing national policies, strategies, or plans for scale up                  | Not included in round 1 | Not included in round 2 | - | - | 25%                           | 19% |
| Rapid tools or guidance to assess and monitor gaps and health system absorption capacities   | Not included in round 1 | Not included in round 2 | ✓ | - | 25%                           | 22% |

| Integration of COVID-19 related services into routine health service delivery | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)       | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--------------------------------------|----------------------------------|--------------------------------|
|   |                            |                             |                           |                                      | % of countries responding yes    |                                |
| COVID-19 vaccination  | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes, integrated but not yet budgeted | 64%                              | 73%                            |
| COVID-19 diagnosis  | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes, integrated but not yet budgeted | 64%                              | 72%                            |
| COVID-19 case management  | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes, integrated but not yet budgeted | 73%                              | 75%                            |
| Post COVID-19 condition   | Not included in round 1    | Not included in round 2     | Not included in round 3   | Yes, integrated but not yet budgeted | 43%                              | 58%                            |

## Priority needs and technical assistance requirements from WHO

### Request

Strengthening primary care services to respond to public health and other humanitarian emergencies.



## In-depth profile: Sexual, reproductive, maternal, newborn, child and adolescent health

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

| Communication and information   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                    | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|---|----------------------------------|--------------------------------|
| Informing the community where, when and how to access SRH services  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 76%                              | 73%                            |
| 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     | ✓                         | Used and integrated into routine service delivery | 94%                              | 80%                            |
| Informing and alerting all service providers about the heightened risk of domestic violence                           | Not included in round 1    | Not included in round 2     | ✓                         | Not used  | 76%                              | 68%                            |
| <b>Access</b>   |                            |                             |                           |   |                                  |                                |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| 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     | ✓                         | Used and integrated into routine service delivery | 79%                              | 61%                            |
| Enhancing identification and services for gender-based violence against women survivors                               | Not included in round 1    | Not included in round 2     | ×                         | Not used  | 73%                              | 59%                            |
| <b>Alternative or adaptive measures</b>   |                            |                             |                           |   |                                  |                                |
| % of countries using strategy (with or without integration)   |                            |                             |                           |   |                                  |                                |
| Relaxing requirements for prescriptions of SRH commodities  | Not included in round 1    | Not included in round 2     | ×                         | Not used  | 42%                              | 33%                            |
| Offering noninvasive medical methods for managing safe abortion   | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 36%                              | 28%                            |
| Waiving restrictions to accessing SRH services  | Not included in round 1    | Not included in round 2     | ×                         | Not used  | 30%                              | 28%                            |
| Providing multi-month supplies of SRH commodities   | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 88%                              | 62%                            |
| 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               | Used and integrated into routine service delivery | 56%                              | 56%                            |
| Adjusting forecasting for SRH commodities and supplies  | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 85%                              | 59%                            |
| Reducing the cost of SRH services   | Not included in round 1    | Not included in round 2     | ×                         | Not used  | 52%                              | 39%                            |
| Implement task shifting/sharing for essential SRH services  | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 76%                              | 45%                            |

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

| Communication and information  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                    | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|---|----------------------------------|--------------------------------|
| Informing the community where, when and how to access MNH services                                       | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 88%                              | 73%                            |
| Promoting childbirth in health facilities irrespective of COVID-19                                       | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 94%                              | 80%                            |
| 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     | ✓                         | Used and integrated into routine service delivery | 76%                              | 71%                            |
| Informing MNH CHWs on IPC measures   | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 91%                              | 77%                            |
| <b>Access</b>  |                            |                             |                           |   |                                  |                                |
| Scheduling of ANC visits in advance  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 62%                              | 66%                            |
| Scheduling of PNC visits in advance  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 56%                              | 65%                            |
| Modifying (temporarily) MNH referral system  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 71%                              | 59%                            |
| <b>Alternative or adaptive measures</b>  |                            |                             |                           |   |                                  |                                |
| % of countries using strategy (with or without integration)  |                            |                             |                           |   |                                  |                                |
| Offering multi-month prescriptions, micronutrient supplements, etc. during ANC or PNC                    | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 62%                              | 56%                            |
| Early discharge after normal delivery  | Not included in round 1    | Not included in round 2     | No response               | Used and integrated into routine service delivery | 59%                              | 56%                            |
| Continuity of labour companion   | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 62%                              | 49%                            |
| Enhanced maternal mental health screening and counselling in maternal health services                    | Not included in round 1    | Not included in round 2     | No response               | Not used  | 47%                              | 42%                            |
| 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               | Used and integrated into routine service delivery | 56%                              | 56%                            |

## In-depth profile: Sexual, reproductive, maternal, newborn, child and adolescent health, continued

| Mitigation strategies and recovery measures for child and adolescent health services                                   |                            |                             |                           |  | % of countries using strategy (with or without integration) |                                |
|--|----------------------------|-----------------------------|---------------------------|--|---|--------------------------------|
| Communication and information  | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                               | Regional comparison<br>(Round 4)                            | Global comparison<br>(Round 4) |
| Informing the community where, when and how to access sick and well child services                                     | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 94%   | 85%                            |
| Enhancing information to caregivers on child care  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 85%   | 76%                            |
| 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     | ✓                         | Not used   | 64%   | 64%                            |
| Informing adolescents where and how to access health services  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 79%   | 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     | ×                         | Not used   | 64%   | 59%                            |
| 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     | ✓                         | Not used   | 67%   | 64%                            |
| <b>Access</b>  |                            |                             |                           |  |   |                                |
| Enhancing provision of mental health and psychosocial support to caregivers of children and adolescents                | Not included in round 1    | Not included in round 2     | ×                         | Used but integration into routine service delivery not known | 45%   | 50%                            |
| Scheduling visits for child and/or adolescent services in advance  | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery            | 48%   | 52%                            |
| Enhance integrated outreach for delivery of vaccinations, growth monitoring, preventive and sick child services        | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery            | 73%   | 64%                            |
| Offering multi-month prescriptions for children and adolescents with conditions that require chronic care              | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 55%   | 48%                            |
| <b>Alternative or adaptive measures</b>  |                            |                             |                           |  |   |                                |
| 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     | ×                         | Used and integrated into routine service delivery            | 42%   | 49%                            |
| Establishing hotlines and/or telemedicine for individual counselling of adolescents                                    | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 58%   | 52%                            |
| 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     | ×                         | Used and integrated into routine service delivery            | 85%   | 64%                            |



## In-depth profile: Nutrition services

### Mitigation strategies and recovery measures for nutrition services

% of countries using strategy (with or without integration)

| Alternative or adaptive measures   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                    | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|----------------------------|-----------------------------|---------------------------|---|----------------------------------|--------------------------------|
| Providing/prescribing nutrition drugs and supplies for multi-month                           | Not included in round 1    | Not included in round 2     |                           | Not used  | 50%                              | 54%                            |
| Making use of alternative delivery channels for nutrition services                           | Not included in round 1    | Not included in round 2     | ×                         | Not used  | 74%                              | 73%                            |
| Reducing the frequency of routine nutrition services, including screening for severe wasting | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 59%                              | 40%                            |
| Bundling nutrition services with other nutrition or health services                          | Not included in round 1    | Not included in round 2     | ✓                         | Not used  | 65%                              | 51%                            |
| Prioritizing key nutrition interventions   | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery | 53%                              | 58%                            |
| Task shifting for essential nutrition services   | Not included in round 1    | Not included in round 2     | ×                         | Used and integrated into routine service delivery | 59%                              | 46%                            |
| Postponing of some nutrition services  | Not included in round 1    | Not included in round 2     | ✓                         | Not used  | 35%                              | 44%                            |

## In-depth profile: Care for older people

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

% of countries using strategy (with or without integration)

| Communication and information   | Round 1<br>(May-Sept 2020) | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                               | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|----------------------------|-----------------------------|---------------------------|--|----------------------------------|--------------------------------|
| 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     | ×                         | Used and integrated into routine service delivery            | 62%                              | 70%                            |
| Inform older people, their households and caregivers on IPC measures  | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 86%                              | 86%                            |
| 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     | ×                         | Used but integration into routine service delivery not known | 72%                              | 80%                            |
| 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     | ×                         | Not used   | 38%                              | 46%                            |
| Inform health workers about the heightened risk of elder abuse  | Not included in round 1    | Not included in round 2     | ×                         | Not used   | 41%                              | 46%                            |
| Ensure accessible information and different communication strategies for older people with impairments                              | Not included in round 1    | Not included in round 2     | ×                         | Not used   | 34%                              | 50%                            |
| Establish hotlines for older people and care givers to provide targeted information for older people                                | Not included in round 1    | Not included in round 2     | ✓                         | Used and integrated into routine service delivery            | 41%                              | 47%                            |
| 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     | ✓                         | Used and integrated into routine service delivery            | 86%                              | 88%                            |

### Access

% of countries using strategy (with or without integration)

|   |                         |                         |   |   |     |     |
|---|-------------------------|-------------------------|---|---|-----|-----|
| 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 | × | Used and integrated into routine service delivery | 41% | 65% |
| Offer multi-month prescriptions for older adults who have underlying health conditions                              | Not included in round 1 | Not included in round 2 | ✓ | Used and integrated into routine service delivery | 79% | 82% |
| Establish mechanisms for medication delivery for older adults who have underlying health conditions                 | Not included in round 1 | Not included in round 2 | × | Not used  | 34% | 61% |
| Facilitate access to rehabilitation services  | Not included in round 1 | Not included in round 2 | × | Not used  | 24% | 40% |

### Alternative or adaptive measures

% of countries using strategy (with or without integration)

|  |                         |                         |   |  |     |     |
|--|-------------------------|-------------------------|---|--|-----|-----|
| 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 | × | Not used   | 66% | 63% |
| 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 | × | Used and integrated into routine service delivery            | 48% | 56% |
| 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 | × | Not used   | 28% | 37% |
| 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 | × | Used but integration into routine service delivery not known | 48% | 57% |
| 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 used   | 28% | 41% |

## In-depth profile: Immunization

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

| Facility-based immunization services for:     | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Infants/young children                        | No response                 | No                        | Yes                            | 24%                              | 14%                            |
| School-aged children and adolescents          | No response                 | No                        | Yes                            | 15%                              | 11%                            |
| Pregnant women                                | No response                 | No                        | Yes                            | 24%                              | 11%                            |
| Adults  | No response                 | No                        | Yes                            | 12%                              | 8%                             |
| <b>Routine outreach immunization services</b> | No response                 | No                        | Yes                            | 36%                              | 21%                            |

% of countries responding yes

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

| Facility-based immunization services for:     | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Infants/young children                        | Not included in round 2     | Not included in round 3   | No                             | 28%                              | 24%                            |
| School-aged children and adolescents          | Not included in round 2     | Not included in round 3   | No                             | 16%                              | 19%                            |
| Pregnant women                                | Not included in round 2     | Not included in round 3   | No                             | 28%                              | 25%                            |
| Adults  | Not included in round 2     | Not included in round 3   | No                             | 17%                              | 24%                            |
| <b>Routine outreach immunization services</b> | Not included in round 2     | Not included in round 3   | No                             | 31%                              | 31%                            |

% of countries responding yes

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

|   | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Human resources                               | No response                 | Yes                       | Yes                            | 89%                              | 87%                            |
| Needles or syringes                           | No response                 | Yes                       | Yes                            | 33%                              | 20%                            |
| Safety boxed to dispose used syringes/needles | No response                 | Yes                       | Yes                            | 33%                              | 20%                            |
| Cold chain equipment                          | No response                 | Yes                       | Yes                            | 63%                              | 48%                            |
| Final disposal of injection wastage           | No response                 | Yes                       | No                             | 52%                              | 42%                            |

% of countries responding yes

|   | Round 3<br>(Nov-Dec 2021)   | Round 4<br>(Nov 2022-Jan 2023)   |
|---|---|--|
| <b>Disruption to demand for routine immunization services as a results of COVID-19 and associated epidemic prevention measures:</b> | Disruptions to demand for immunization, but less disruptions than in Jan-March 2021 | Disruptions to demand for immunization, but less disruptions than a year ago |
| <b>Has the country been able to measure the result of catch-up activities?</b>  | Not included in round 3   | Yes, for some of the activities (example, results of vaccination campaigns)  |



## In-depth profile: Neglected tropical diseases

### Infrastructure and activities

Government staff responsible for NTDs have been reassigned/deployed to COVID-19 response

| Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021)   | Round 4<br>(Nov 2022-Jan 2023) |
|-----------------------------|---|--------------------------------|
| No response                 | <b>YES - Some staff partially supporting COVID-19 efforts along with routine NTD activities</b> | No                             |

Percentage of government funds for NTDs that have been reassigned to non-NTD services due to COVID-19 response efforts

|             |             |             |
|-------------|-------------|-------------|
| No response | Do not know | Do not know |
|-------------|-------------|-------------|

### Planned NTD government activities that have been postponed

|  | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| None   | No response                 | ×                         | ✓                              | 70%                              | 68%                            |
| Advocacy and resource mobilization for NTD programme                             | No response                 | ×                         | No response                    | 60%                              | 56%                            |
| Training and capacity-building activities (in-person or virtual) related to NTDs | No response                 | ×                         | No response                    | 80%                              | 63%                            |
| Integrated vector management   | No response                 | ×                         | No response                    | 30%                              | 16%                            |
| Specific vector control activity delayed:  |                             |                           |                                |                                  |                                |
| Animal health/control of zoonotic NTDs   | No response                 | ✓                         | No response                    | 20%                              | 22%                            |
| Monitoring, evaluation and research  | No response                 | ×                         | No response                    | 30%                              | 50%                            |
| Information reporting on NTDs  | No response                 | ×                         | No response                    | 30%                              | 38%                            |

% of countries responding yes

### Current impact of COVID-19 on the following:

|   | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|---|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| People affected by NTDs                     | No response                 | No response               | No response                    | 23%                              | 16%                            |
| Mortality related to NTDs                   | No response                 | No response               | No response                    | 9%                               | 11%                            |
| Funding for related NTD activities          | No response                 | No response               | No response                    | 55%                              | 36%                            |
| Visibility of population at risks for NTDs  | No response                 | No response               | No response                    | 38%                              | 22%                            |
| Prioritization of NTD activities            | No response                 | No response               | No response                    | 26%                              | 27%                            |
| Expiration of NTD medicines and diagnostics | No response                 | No response               | No response                    | 18%                              | 11%                            |
| Stockout of NTD medicines and diagnostics   | No response                 | No response               | No response                    | 21%                              | 11%                            |

% of countries responding yes

**In-depth profile: Neglected tropical diseases (continued)**

Surveys/population screening/surveillance for active case finding

Specific survey delayed:

|     | No response             | ×                       | No response |     |     |
|-----|-------------------------|-------------------------|-------------|-----|-----|
|     |                         |                         |             | 90% | 59% |
| bur | Not included in round 2 | Not included in round 3 | No response | 33% | 17% |
| cha | Not included in round 2 | Not included in round 3 | No response | 0%  | 11% |
| chi | Not included in round 2 | Not included in round 3 | No response | 11% | 11% |
| chr | Not included in round 2 | Not included in round 3 | No response | 0%  | 0%  |
| lei | Not included in round 2 | Not included in round 3 | No response | 0%  | 16% |
| den | Not included in round 2 | Not included in round 3 | No response | 0%  | 16% |
| dra | Not included in round 2 | Not included in round 3 | No response | 56% | 33% |
| ech | Not included in round 2 | Not included in round 3 | No response | 0%  | 0%  |
| foo | Not included in round 2 | Not included in round 3 | No response | 11% | 6%  |
| hag | Not included in round 2 | Not included in round 3 | No response | 0%  | 0%  |
| har | Not included in round 2 | Not included in round 3 | No response | 0%  | 0%  |
| lep | Not included in round 2 | Not included in round 3 | No response | 11% | 16% |
| fil | Not included in round 2 | Not included in round 3 | No response | 67% | 56% |
| myc | Not included in round 2 | Not included in round 3 | No response | 11% | 6%  |
| onc | Not included in round 2 | Not included in round 3 | No response | 44% | 28% |
| rab | Not included in round 2 | Not included in round 3 | No response | 11% | 11% |
| sca | Not included in round 2 | Not included in round 3 | No response | 0%  | 6%  |
| sch | Not included in round 2 | Not included in round 3 | No response | 33% | 39% |
| sth | Not included in round 2 | Not included in round 3 | No response | 33% | 28% |
| sna | Not included in round 2 | Not included in round 3 | No response | 0%  | 0%  |
| tae | Not included in round 2 | Not included in round 3 | No response | 11% | 11% |
| tra | Not included in round 2 | Not included in round 3 | No response | 44% | 32% |
| lev | Not included in round 2 | Not included in round 3 | No response | 0%  | 0%  |
| yaw | Not included in round 2 | Not included in round 3 | No response | 11% | 17% |

Are there any technical guidance or tools that you would suggest WHO to develop related to NTDs during COVID-19 outbreak?

Modification of the existing documents considering the current decrease in incidence of COVID-19 in the country



## In-depth profile: Noncommunicable diseases

### Infrastructure and activities

Government staff responsible for NCDs have been reassigned/deployed to COVID-19 response

Round 2 (Jan-March 2021)      Round 3 (Nov-Dec 2021)      Round 4 (Nov 2022-Jan 2023)

|    |             |    |
|----|-------------|----|
| No | No response | No |
|----|-------------|----|

Percentage of government funds for NCDs that have been reassigned to non-NCD services due to COVID-19 response efforts

|                 |             |                 |
|-----------------|-------------|-----------------|
| None or not yet | No response | None or not yet |
|-----------------|-------------|-----------------|

### Policies and plans

Additional funding currently being allocated for NCDs in the government budget for the COVID-19 response

Round 2 (Jan-March 2021)      Round 3 (Nov-Dec 2021)      Round 4 (Nov 2022-Jan 2023)

|   |             |             |
|---|-------------|-------------|
| × | No response | No response |
|---|-------------|-------------|

Regional comparison (Round 4)

Global comparison (Round 4)

% of countries responding yes

10%

19%

### Planned NCD government activities that have been postponed

None

|   |             |   |
|---|-------------|---|
| ✓ | No response | ✓ |
|---|-------------|---|

61%

63%

Implementation of NCD Surveys

|                |             |             |
|----------------|-------------|-------------|
| Not applicable | No response | No response |
|----------------|-------------|-------------|

62%

58%

Public screening programs for NCDs

|                |             |             |
|----------------|-------------|-------------|
| Not applicable | No response | No response |
|----------------|-------------|-------------|

38%

47%

WHO HEARTS technical package

|                |             |             |
|----------------|-------------|-------------|
| Not applicable | No response | No response |
|----------------|-------------|-------------|

31%

28%

Mass communication campaigns

|                |             |             |
|----------------|-------------|-------------|
| Not applicable | No response | No response |
|----------------|-------------|-------------|

38%

38%

Rehabilitation packages for NCD

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

23%

16%

### Current impact of COVID-19 on the following

Funding for NCD risk factors activities

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

33%

25%

Funding for NCD healthcare activities

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

14%

13%

Funding for NCD surveillance

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

29%

17%

Prioritization of NCD risk factors activities by health authorities

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

16%

18%

Prioritization of NCD healthcare activities by health authorities

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

13%

11%

Prioritization of NCD surveillance / information system

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

10%

10%

Stock out of NCD medicines

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

20%

12%

Stock out of NCD technologies

|             |             |             |
|-------------|-------------|-------------|
| No response | No response | No response |
|-------------|-------------|-------------|

15%

9%

What are your country's plans to re-initiate any suspended NCD services?

|             |             |  |
|-------------|-------------|--|
| No response | No response | There are no suspended NCDs services in my country |
|-------------|-------------|--|

Are there any technical guidance or tools that you would suggest WHO to develop related to NCDs during COVID-19 outbreak?

|             |             |   |
|-------------|-------------|---|
| No response | No response | Guide for integrated essential health services for NCDs in emergencies, |
|-------------|-------------|---|

### In-depth profile: Mental, neurological, and substance use disorders

| Policies and plans   | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Mental health and psychosocial support response part of national COVID-19 response plan  | No response                 | No response               | ✓                              | 83%                              | 88%                            |
| Funded?  | No response                 | No response               | No                             |                                  |                                |
| Mental health and psychosocial support response part of national COVID-19 recovery plan? | No response                 | No response               | ✓                              | 74%                              | 73%                            |
| Funded?  | Not included in round 2     | Not included in round 3   | Do not know                    |                                  |                                |

Following activities have been implemented as part of the current mental health and psychosocial support (MHPSS) response plan for COVID-19

|  | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023) | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|-----------------------------|---------------------------|--------------------------------|----------------------------------|--------------------------------|
| Orient responders to mental health and psychosocial aspects of COVID-19  | ✓                           | ✓                         | ✓                              | 87%                              | 83%                            |
| Ensure inter-sectoral referral pathways are established and contextualized to the situation of limited physical distancing   | ×                           | ×                         | ✓                              | 61%                              | 55%                            |
| Distribute timely and accessible information on general and MHPSS services, coping strategies and updates  | ×                           | ✓                         | ✓                              | 70%                              | 77%                            |
| Provide MHPSS to people in COVID treatment centers, isolation and quarantine   | ✓                           | ×                         | ✓                              | 83%                              | 76%                            |
| Protect the mental health and well-being of all responders ensuring that they can access mental health and psychosocial care.  | ×                           | ✓                         | ✓                              | 91%                              | 81%                            |
| Provide care and address the basic needs and mental health care needs of people with existing MNS conditions induced or exacerbated by COVID-19                      | ×                           | ×                         | ✓                              | 65%                              | 65%                            |
| Address the specific mental health and neurological needs of older adults, people with disabilities and other vulnerable persons                                     | ×                           | ×                         | ×                              | 43%                              | 48%                            |
| Targeted Risk communication strategies/campaigns to address social stigma  | ×                           | ×                         | ✓                              | 70%                              | 61%                            |
| Establish opportunities for the bereaved to mourn even from a distance.  | ×                           | ×                         | ×                              | 48%                              | 40%                            |
| Integrate response activities into existing services   | No response                 | ✓                         | ×                              | 78%                              | 73%                            |
| Ensure that risk of infection for people with mental neurological and substance use disorders in mental health hospitals and long-term care facilities are minimized | ×                           | ×                         | ×                              | 65%                              | 56%                            |
| Integrate mental health and psychosocial support preparedness in national emergency response plans   | Not included in round 2     | Not included in round 3   | ✓                              | 78%                              | 63%                            |
| Review of national mental health policies or plans to include preparedness and response to public health emergencies   | Not included in round 2     | Not included in round 3   | ×                              | 61%                              | 54%                            |



**In-depth profile: Mental, neurological, and substance use disorders (continued)**

|  | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                           | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
|--|-----------------------------|---------------------------|--|----------------------------------|--------------------------------|
| Have a functioning multisectoral mental health and psychosocial coordination platform  | ×                           | ✓                         | ×  | 41%                              | 54%                            |
| Following Ministries and bodies are part of the coordination platform  |                             |                           |  |                                  |                                |
| Ministry of Health   | Not applicable              | ✓                         | No response  | 100%                             | 100%                           |
| Ministry of Social/Family Affairs  | Not applicable              | ×                         | No response  | 77%                              | 82%                            |
| Ministry of Education  | Not applicable              | ×                         | No response  | 85%                              | 82%                            |
| Ministry of Labour   | Not applicable              | ×                         | No response  | 15%                              | 38%                            |
| Ministry of Finance  | Not applicable              | ×                         | No response  | 15%                              | 28%                            |
| Ministry of Foreign Affairs  | Not applicable              | ×                         | No response  | 23%                              | 18%                            |
| United Nations Agencies  | Not applicable              | ✓                         | No response  | 54%                              | 57%                            |
| Governmental entity responsible for substance use  | Not applicable              | ×                         | No response  | 38%                              | 55%                            |
| Non-governmental Organizations   | Not applicable              | ✓                         | No response  | 92%                              | 86%                            |
| Service users' representatives   | Not applicable              | ×                         | No response  | 46%                              | 41%                            |
| National professional associations/societies   | Not applicable              | ✓                         | No response  | 54%                              | 67%                            |
| National disaster management authority   | Not applicable              | ×                         | No response  | 23%                              | 42%                            |
| COVID-19 response plan includes provisions for services and supports for people with post-COVID condition, especially mental and neurological sequelae of post-COVID condition | No response                 | No response               | Do not know  |                                  |                                |
| COVID-19 recovery plan includes provisions for services and supports for people with post-COVID condition, especially mental and neurological sequelae of post-COVID condition | No response                 | No response               | No   |                                  |                                |
|  | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                           | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
| People with post COVID MNS conditions managed in the following settings:   |                             |                           |  |                                  |                                |
| No services yet established  | Not included in round 2     | Not included in round 3   | No response  | 15%                              | 4%                             |
| Specialist mental health facilities  | Not included in round 2     | Not included in round 3   | No response  | 100%                             | 82%                            |
| Specialist neurologist facilities  | Not included in round 2     | Not included in round 3   | No response  | 36%                              | 36%                            |
| Specialist internal medicine facilities  | Not included in round 2     | Not included in round 3   | No response  | 36%                              | 24%                            |
| Specialist infectious diseases facilities  | Not included in round 2     | Not included in round 3   | No response  | 18%                              | 13%                            |
| General outpatient facilities  | Not included in round 2     | Not included in round 3   | No response  | 82%                              | 76%                            |
| Increase in service use/demand for post-COVID mental health assessments  | Not included in round 2     | Not included in round 3   | Do not know  |                                  |                                |
|  | Round 2<br>(Jan-March 2021) | Round 3<br>(Nov-Dec 2021) | Round 4<br>(Nov 2022-Jan 2023)                           | Regional comparison<br>(Round 4) | Global comparison<br>(Round 4) |
| Government policies/directives designating access to essential services for mental, neurological and substance use (MNS) disorders   |                             |                           |  |                                  |                                |
| Mental health services at stand-alone psychiatric hospitals  | No response                 | No response               | No response  | 4%                               | 2%                             |
| Specialized MNS services at general hospitals  | No response                 | No response               | No response  | 4%                               | 1%                             |
| Specialized neurology services at health facilities  | No response                 | No response               | No response  | 4%                               | 1%                             |
| Specialized services for substance use disorders at health facilities  | No response                 | No response               | No response  | 5%                               | 3%                             |
| Community-based services for MNS disorders including in primary care facilities  | No response                 | No response               | No response  | 13%                              | 5%                             |
| <b>Surveillance</b>  |                             |                           |  |                                  |                                |
| Collecting or collating data on mental, neurological and substance use disorders or  | No                          | Do not know               | Yes, for people with acute COVID-19 infections and post- |                                  |                                |

## Key informants

| Round 4 survey sections  | Key informant              | Key informant position   | Key informant organisation |
|--|----------------------------|--|----------------------------|
| Continuity of essential health services module                       | Kassu Ketema Gurmu         | Health Systems Officer and Continuity of Essential Health Services focal point | WHO                        |
| Sexual, reproductive, maternal, newborn, child and adolescent health | Tewolde Wubayehu           | National consultant  | WHO                        |
| Nutrition  | Getahun Tekla Beyene       | NPO/Nutrition and focal person   | WHO                        |
| Immunization   | MEKONNEN, Mekonnen Admassu | National Programme Officer Immunization  | WHO                        |
| Human immunodeficiency virus and hepatitis                           | Seblewengel Abate          | NPO - HIV/Hepatitis  | WHO - Ethiopia             |
| Tuberculosis   | Ismael Hassen Endris       | NPO /TB  | World Health Organization  |
| Malaria  | Dr Worku Bekele            | National Professional Officer/ Malaria program, WCO                            | WHO                        |
| Neglected tropical diseases  | Zeyede Kebede Zeleke       | NTD Program coordinator a.i.   | WHO                        |
| Noncommunicable diseases   | Addisu Worku               | NCDs Case Team Lead  | Ministry of Health         |
| Mental health, neurology and substance use disorders                 | Dereje Assefa              | Mental Health Case team lead   | Ministry of Health         |
| Care for older people  | Tewolde Wubayehu           | National Consultant  | WHO                        |
| Future acute respiratory pandemic preparedness                       | Abiy                       | Epi-surveillance Lead,   | WHO                        |